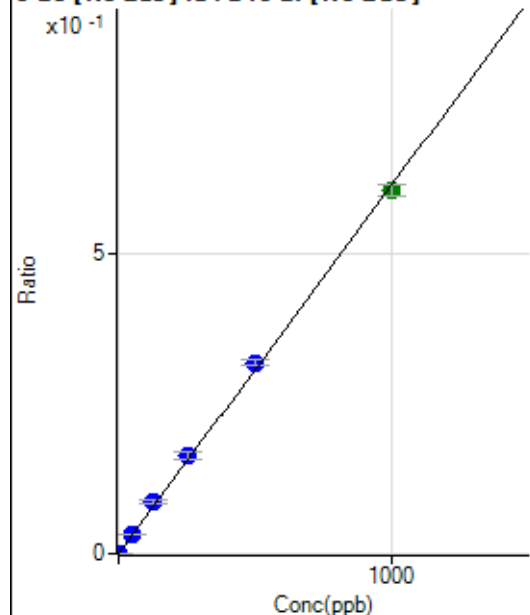


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121123MS.b\
 Analysis File: P8121123MS.batch.bin
 DA Date-Time: 2023-12-14 11:55:56
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-12-11 12:55:19
2	006CALS.d	S02	2023-12-11 13:02:09
3	007CALS.d	S03	2023-12-11 13:05:33
4	008CALS.d	S04	2023-12-11 13:08:50
5	009CALS.d	S05	2023-12-11 13:11:56
6	010CALS.d	S06	2023-12-11 13:15:00
7	011CALS.d	S07	2023-12-11 13:18:02
8	012CALS.d	S08	2023-12-11 13:21:06

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	35.83	0.0000	P	9.4
2	☐	1.000	0.989	1735.72	0.0006	P	0.5
3	☐	50.000	52.046	90561.22	0.0320	P	0.5
4	☐	125.000	140.550	217906.91	0.0863	P	8.7
5	☐	250.000	265.254	406587.94	0.1628	P	8.6
6	☐	500.000	518.459	772108.59	0.3183	P	2.5
7	☐	1000.000	984.911	1419015.05	0.6046	A	3.3
8	☐			202.06	0.0001	P	10.8

$$y = 6.1382E-004 * x + 1.2548E-005$$

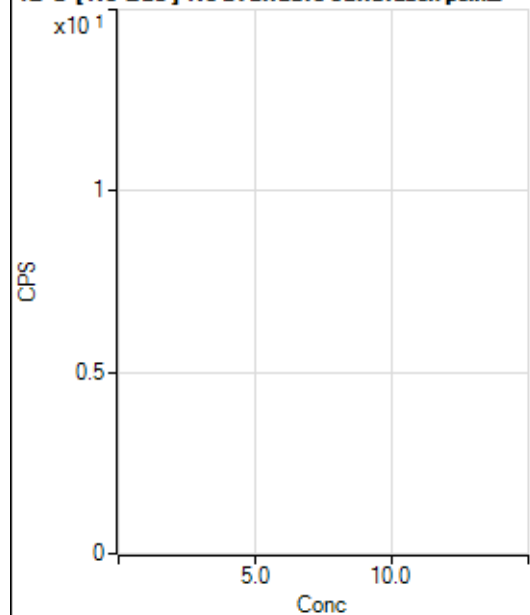
$$R = 0.9995$$

$$DL = 0.005759$$

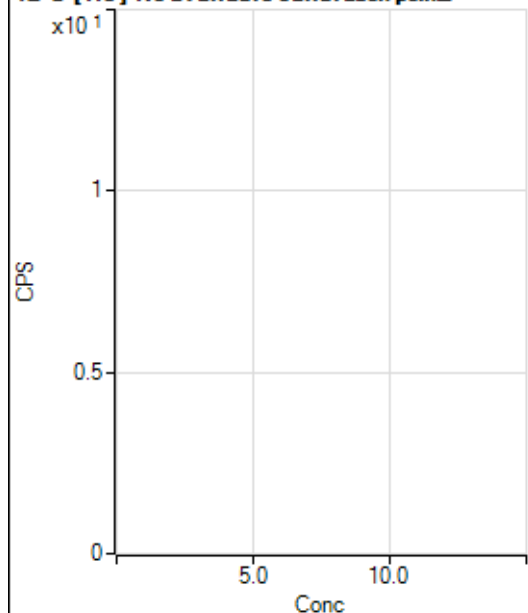
$$BEC = 0.02044$$

Weight: <None>

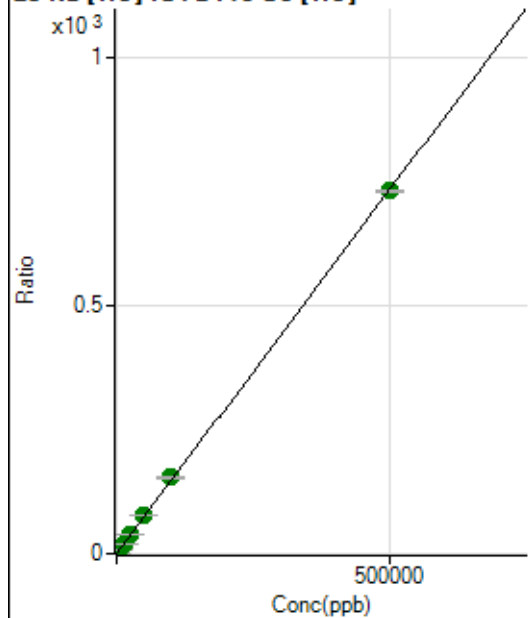
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2297126.68		A	1.5
2	☐			2192333.92		A	1.7
3	☐			2249951.65		A	0.7
4	☐			2254150.18		A	0.5
5	☐			2173642.85		A	1.3
6	☐			2259499.53		A	1.4
7	☐			2629873.97		A	3.9
8	☐			2130184.52		A	3.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29891.51		P	1.2
2	☐			28843.91		P	0.1
3	☐			29114.44		P	1.5
4	☐			29676.66		P	0.5
5	☐			29215.74		P	1.7
6	☐			32123.98		P	1.0
7	☐			39091.98		P	0.8
8	☐			34574.00		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10108.02	0.0512	P	1.5
2	☐	500.000	484.957	149093.13	0.7629	P	0.8
3	☐	5000.000	5292.898	1457521.00	7.8193	A	1.0
4	☐	12500.000	13108.517	3408375.40	19.2899	A	0.9
5	☐	25000.000	26511.159	6508311.15	38.9602	A	1.2
6	☐	50000.000	53452.543	12428011.21	78.5007	A	1.4
7	☐	100000.00	104397.52	24073943.81	153.2700	A	0.8
8	☐	500000.00	498681.55	128792024.7	731.9402	A	0.4

$$y = 0.0015 * x + 0.0512$$

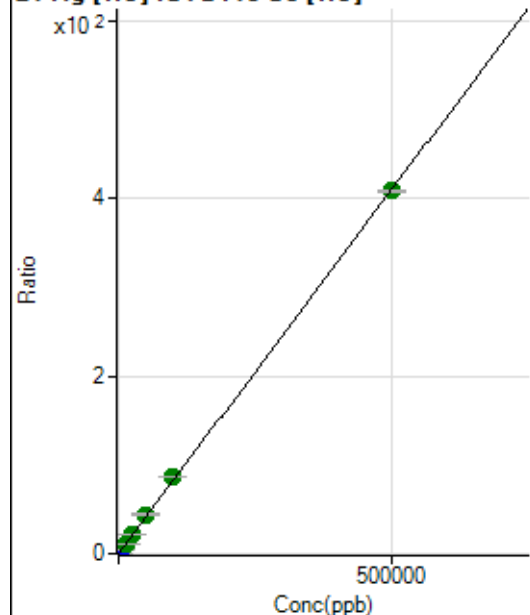
$$R = 0.9999$$

$$DL = 1.562$$

$$BEC = 34.87$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	110.00	0.0006	P	21.4
2	☐	500.000	495.363	79373.64	0.4062	P	0.8
3	☐	5000.000	5336.351	814549.15	4.3699	P	0.8
4	☐	12500.000	13406.776	1939714.21	10.9780	A	0.8
5	☐	25000.000	26704.332	3652458.66	21.8659	A	0.4
6	☐	50000.000	54012.748	7001357.95	44.2259	A	2.1
7	☐	100000.00	104523.20	13443044.38	85.5836	A	0.1
8	☐	500000.00	498582.83	71831999.48	408.2378	A	0.7

$$y = 8.1880\text{E-}004 * x + 5.5659\text{E-}004$$

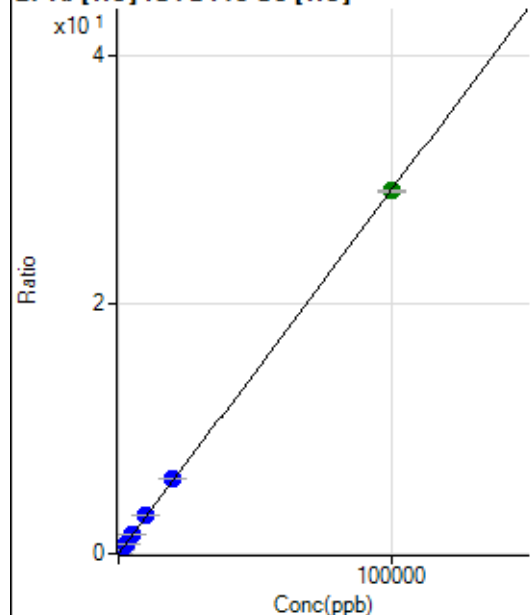
$$R = 0.9999$$

$$DL = 0.437$$

$$BEC = 0.6798$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	107.78	0.0005	P	21.4
2	☐	20.000	19.227	1203.40	0.0062	P	3.7
3	☐	1000.000	1052.136	57348.05	0.3076	P	0.8
4	☐	2500.000	2650.337	136784.90	0.7741	P	0.4
5	☐	5000.000	5297.229	258339.76	1.5467	P	0.3
6	☐	10000.000	10622.752	490961.26	3.1011	P	1.0
7	☐	20000.000	20684.801	948379.42	6.0379	P	1.0
8	☐	100000.00	99781.623	5124939.44	29.1242	A	0.6

$$y = 2.9187\text{E-}004 * x + 5.4596\text{E-}004$$

$$R = 1.0000$$

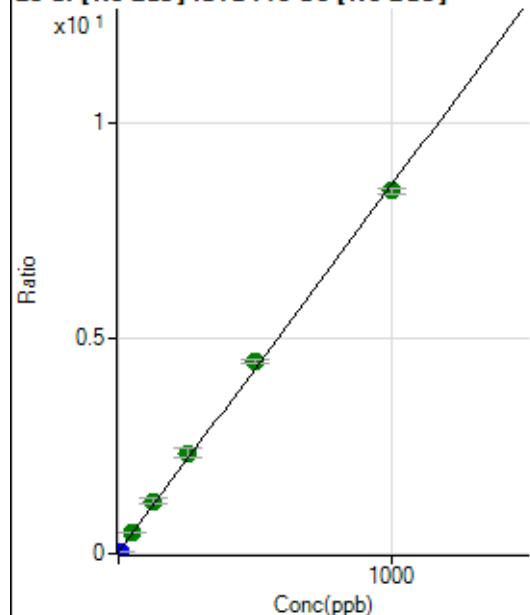
$$DL = 1.204$$

$$BEC = 1.871$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	214618.49	0.0393	P	1.1
2	☐	10.000	0.553	239430.40	0.0440	P	0.2
3	☐	50.000	54.004	2656821.54	0.4998	A	1.2
4	☐	125.000	139.130	6057449.77	1.2255	A	8.2
5	☐	250.000	269.551	11157866.36	2.3375	A	10.7
6	☐	500.000	518.093	20707643.44	4.4566	A	1.8
7	☐	1000.000	984.194	37673531.66	8.4305	A	1.5
8	☐			332354.84	0.0741	P	3.9

$$y = 0.0085 * x + 0.0393$$

$$R = 0.9993$$

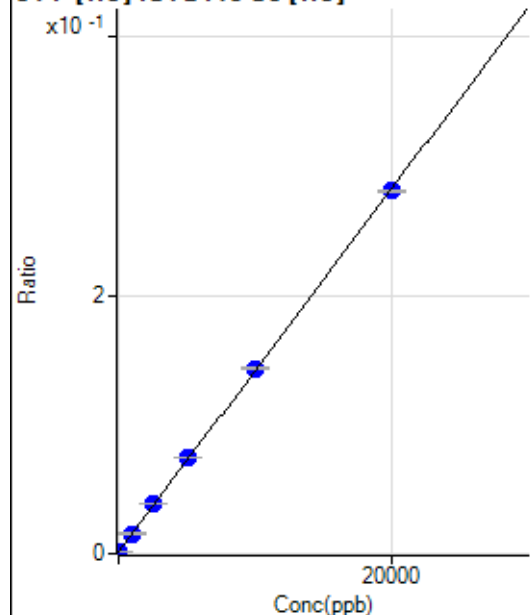
$$DL = 0.1541$$

$$BEC = 4.612$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-12.407	242.23	0.0012	P	8.5
2	☐	0.000	12.407	307.78	0.0016	P	3.4
3	☐	1000.000	1011.485	2910.32	0.0156	P	1.4
4	☐	2500.000	2621.078	6756.07	0.0382	P	1.1
5	☐	5000.000	5165.401	12357.56	0.0740	P	0.3
6	☐	10000.000	10097.078	22687.83	0.1433	P	1.2
7	☐	20000.000	19894.402	44129.19	0.2810	P	0.8
8	☐			234.45	0.0013	P	11.2

$$y = 1.4052E-005 * x + 0.0014$$

$$R = 0.9999$$

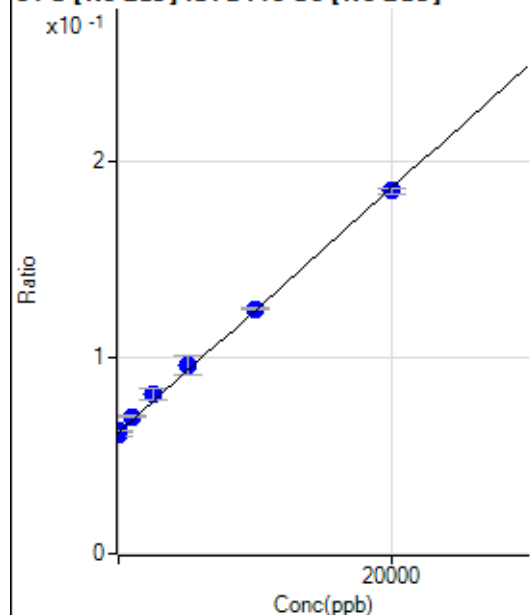
$$DL = 16.8$$

$$BEC = 99.66$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-169.788	331870.92	0.0608	P	2.2
2	☐	0.000	169.788	342191.87	0.0629	P	1.0
3	☐	1000.000	1326.198	373021.10	0.0702	P	0.8
4	☐	2500.000	3083.221	401338.27	0.0812	P	7.1
5	☐	5000.000	5494.515	459728.19	0.0962	P	9.3
6	☐	10000.000	10094.226	580898.01	0.1250	P	0.6
7	☐	20000.000	19740.046	828363.55	0.1854	P	1.4
8	☐			268427.50	0.0599	P	4.0

$$y = 6.2560E-006 * x + 0.0619$$

R = 0.9992

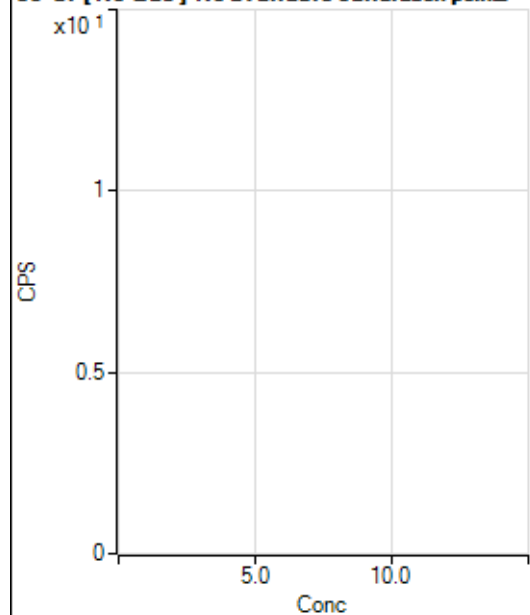
DL = 472.5

BEC = 9890

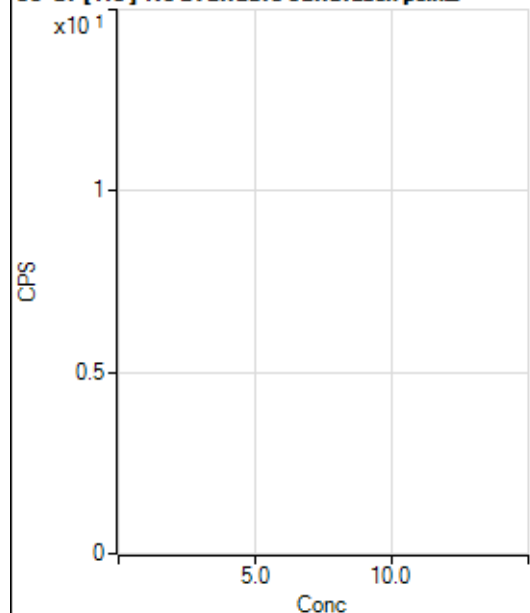
Weight: <None>

Min Conc: 0

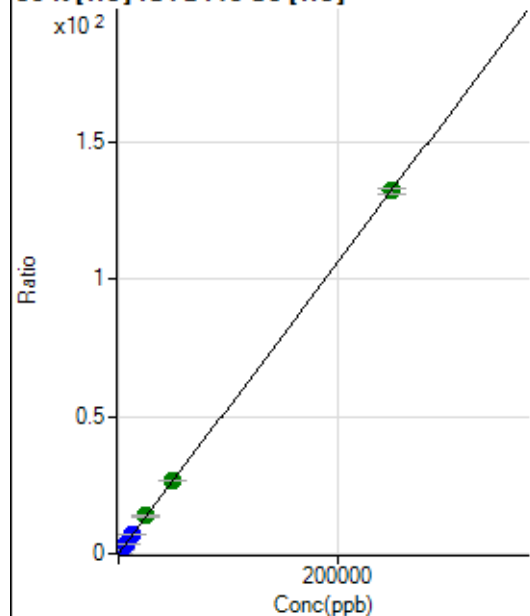
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			104977.82		P	11.4
2	☐			107010.39		P	8.4
3	☐			135935.59		P	6.7
4	☐			133513.76		P	5.1
5	☐			121178.26		P	6.5
6	☐			114091.09		P	6.0
7	☐			107835.89		P	6.9
8	☐			94047.26		P	4.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			724.47		P	1.6
2	☐			770.03		P	4.3
3	☐			903.37		P	6.6
4	☐			937.82		P	3.9
5	☐			832.25		P	1.6
6	☐			795.59		P	6.4
7	☐			746.70		P	4.7
8	☐			687.80		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8615.99	0.0436	P	3.7
2	☐	500.000	480.510	58115.26	0.2974	P	0.9
3	☐	2500.000	2592.433	263318.89	1.4127	P	1.1
4	☐	6250.000	6547.161	618648.58	3.5011	P	0.2
5	☐	12500.000	12993.777	1153408.99	6.9056	P	0.5
6	☐	25000.000	25769.763	2161487.76	13.6525	A	1.4
7	☐	50000.000	50086.834	4161240.84	26.4942	A	1.9
8	☐	250000.00	249872.65	23229817.71	131.9998	A	1.6

$$y = 5.2809E-004 * x + 0.0436$$

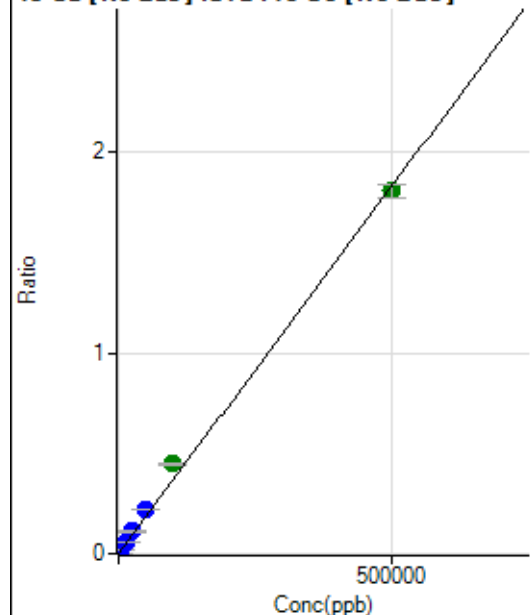
$$R = 1.0000$$

$$DL = 9.067$$

$$BEC = 82.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.12	0.0000	P	8.0
2	☐	500.000	505.590	10255.94	0.0019	P	2.1
3	☐	5000.000	6087.425	118463.05	0.0223	P	1.1
4	☐	12500.000	15920.337	287766.08	0.0582	P	8.0
5	☐	25000.000	31158.310	544188.38	0.1139	P	8.8
6	☐	50000.000	60691.552	1030664.67	0.2218	P	0.3
7	☐	100000.00	121943.70	1991452.63	0.4457	A	2.6
8	☐	500000.00	494137.80	8092023.70	1.8058	A	3.6

$$y = 3.6543\text{E-}006 * x + 3.8644\text{E-}005$$

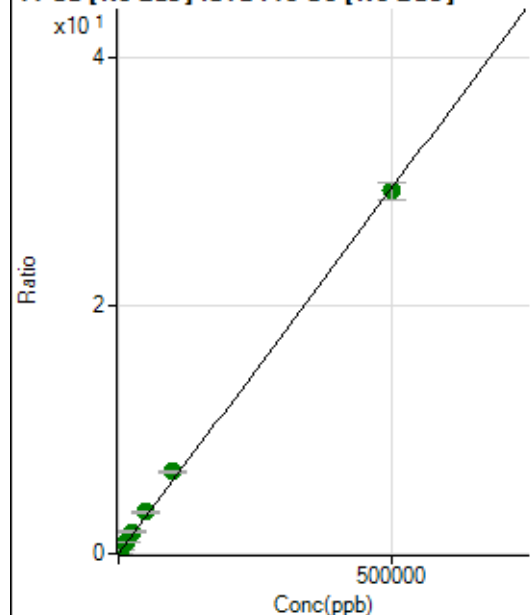
$$R = 0.9988$$

$$DL = 2.551$$

$$BEC = 10.58$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	24734.95	0.0045	P	1.5
2	☐	500.000	490.381	181486.46	0.0334	P	0.5
3	☐	5000.000	5716.850	1811819.96	0.3408	A	0.9
4	☐	12500.000	15077.325	4406290.32	0.8915	A	8.1
5	☐	25000.000	29064.363	8186149.12	1.7143	A	9.8
6	☐	50000.000	56561.038	15480155.46	3.3318	A	0.7
7	☐	100000.00	112179.50	29509634.00	6.6035	A	2.4
8	☐	500000.00	496633.18	130929469.1	29.2191	A	4.6

$$y = 5.8825\text{E-}005 * x + 0.0045$$

$$R = 0.9996$$

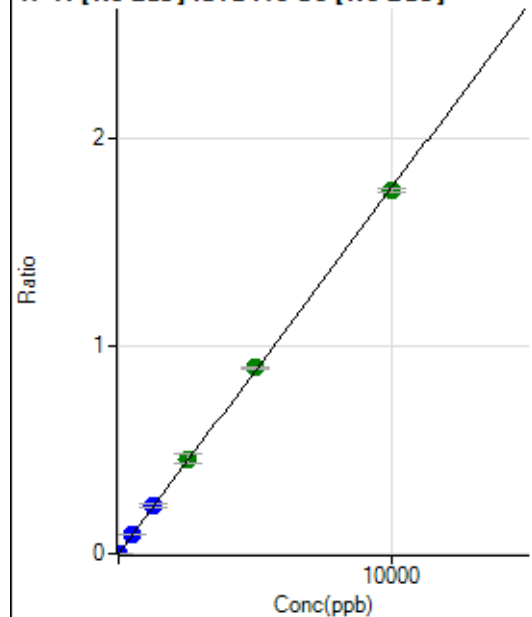
$$DL = 3.467$$

$$BEC = 77.04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.11	0.0000	P	17.2
2	☐	5.000	4.947	4834.20	0.0009	P	2.9
3	☐	500.000	513.399	481399.70	0.0906	P	1.1
4	☐	1250.000	1333.089	1161930.59	0.2351	P	8.5
5	☐	2500.000	2601.792	2191576.37	0.4589	A	10.0
6	☐	5000.000	5085.268	4167001.15	0.8969	A	0.7
7	☐	10000.000	9920.862	7819284.12	1.7497	A	1.0
8	☐			1345.64	0.0003	P	6.4

$$y = 1.7636\text{E-}004 * x + 1.6688\text{E-}005$$

$$R = 0.9999$$

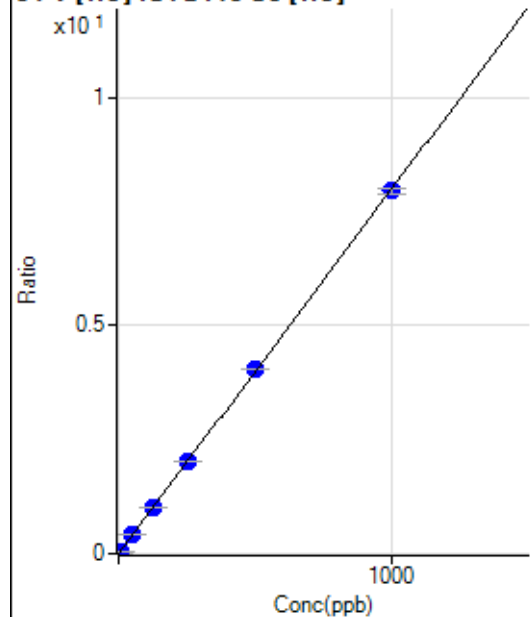
$$DL = 0.04877$$

$$BEC = 0.09462$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15.55	0.0001	P	44.2
2	☐	5.000	4.817	7543.16	0.0386	P	4.2
3	☐	50.000	50.467	75228.39	0.4036	P	0.5
4	☐	125.000	127.139	179629.47	1.0166	P	0.4
5	☐	250.000	253.726	338853.47	2.0287	P	0.3
6	☐	500.000	506.486	641152.72	4.0496	P	0.5
7	☐	1000.000	995.536	1250170.31	7.9597	P	1.7
8	☐			361.12	0.0021	P	21.0

$$y = 0.0080 * x + 7.8649\text{E-}005$$

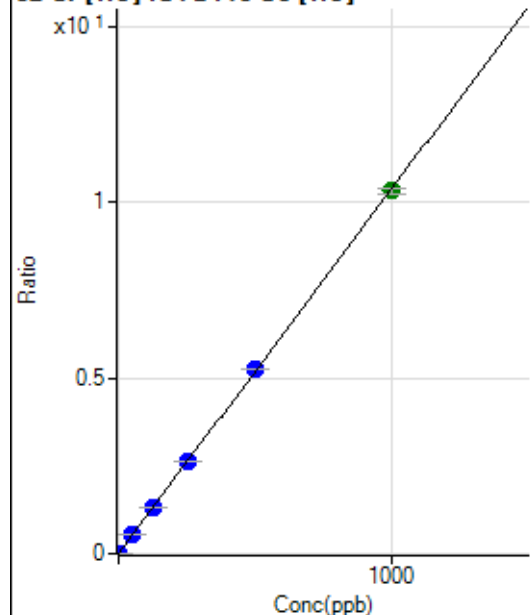
$$R = 1.0000$$

$$DL = 0.01304$$

$$BEC = 0.009837$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1058.94	0.0054	P	6.4
2	☐	2.000	1.805	4705.26	0.0241	P	2.1
3	☐	50.000	50.494	98583.41	0.5288	P	0.3
4	☐	125.000	126.850	233315.43	1.3204	P	0.8
5	☐	250.000	254.654	441843.50	2.6454	P	0.6
6	☐	500.000	506.999	833047.76	5.2615	P	0.3
7	☐	1000.000	995.081	1621242.27	10.3215	A	1.6
8	☐			10118.12	0.0575	P	3.4

$$y = 0.0104 * x + 0.0054$$

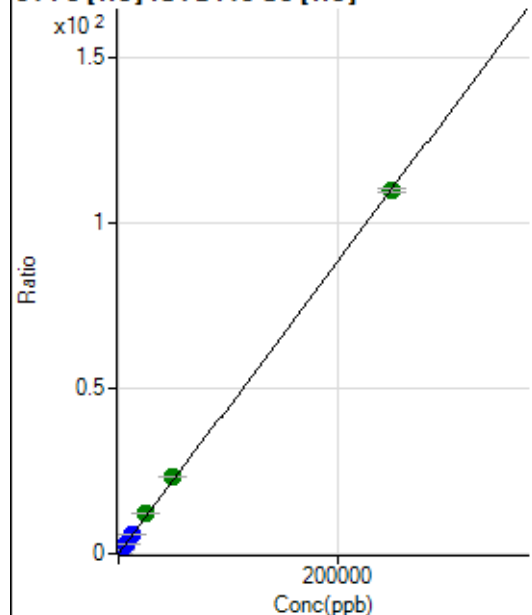
$$R = 0.9999$$

$$DL = 0.09997$$

$$BEC = 0.5171$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	305.56	0.0015	P	10.3
2	☐	50.000	51.112	4693.03	0.0240	P	2.6
3	☐	2500.000	2722.368	223354.77	1.1982	P	0.4
4	☐	6250.000	6848.638	532198.88	3.0119	P	0.2
5	☐	12500.000	13704.204	1006349.28	6.0252	P	0.7
6	☐	25000.000	27527.203	1915952.82	12.1012	A	1.2
7	☐	50000.000	52938.636	3655256.44	23.2708	A	1.1
8	☐	250000.00	249082.15	19265533.32	109.4858	A	1.0

$$y = 4.3955E-004 * x + 0.0015$$

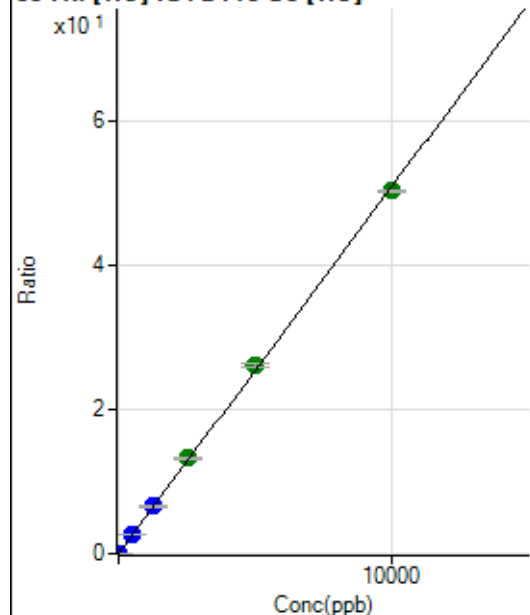
$$R = 0.9999$$

$$DL = 1.085$$

$$BEC = 3.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	48.89	0.0002	P	10.5
2	☐	1.000	0.935	977.82	0.0050	P	3.4
3	☐	500.000	511.744	485291.52	2.6033	P	0.5
4	☐	1250.000	1294.157	1163195.28	6.5831	P	1.6
5	☐	2500.000	2609.903	2217561.18	13.2758	A	1.6
6	☐	5000.000	5139.562	4138711.36	26.1431	A	2.1
7	☐	10000.000	9896.636	7906894.46	50.3405	A	0.9
8	☐			4847.57	0.0275	P	1.3

$$y = 0.0051 * x + 2.4752E-004$$

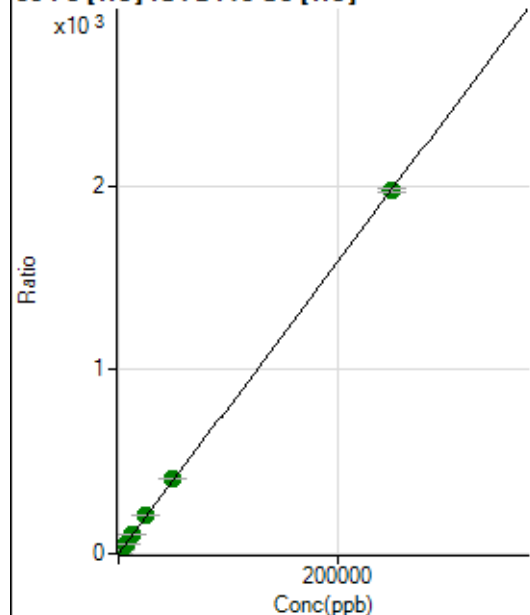
$$R = 0.9998$$

$$DL = 0.01539$$

$$BEC = 0.04866$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2216.86	0.0112	P	1.8
2	☐	50.000	50.390	80031.64	0.4095	P	0.3
3	☐	2500.000	2676.716	3946217.51	21.1685	A	1.4
4	☐	6250.000	6704.496	9365396.39	53.0049	A	1.2
5	☐	12500.000	13492.724	17813728.35	106.6605	A	2.1
6	☐	25000.000	26831.164	33579371.72	212.0902	A	0.7
7	☐	50000.000	51964.581	64516767.93	410.7499	A	0.5
8	☐	250000.00	249361.20	346854674.8	1,971.013	A	1.0

$$y = 0.0079 * x + 0.0112$$

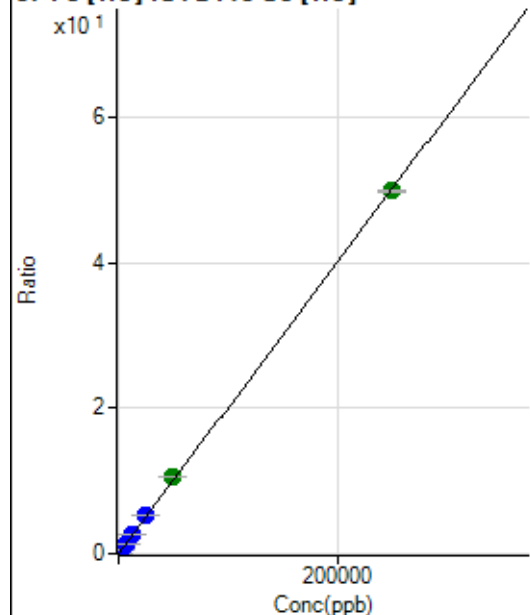
$$R = 0.9999$$

$$DL = 0.07625$$

$$BEC = 1.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	104.44	0.0005	P	5.3
2	☐	50.000	51.575	2121.29	0.0109	P	6.8
3	☐	2500.000	2653.754	99140.61	0.5318	P	0.2
4	☐	6250.000	6739.360	238511.29	1.3498	P	0.4
5	☐	12500.000	13591.221	454564.77	2.7217	P	1.0
6	☐	25000.000	26860.535	851565.41	5.3783	P	0.3
7	☐	50000.000	52671.696	1656522.79	10.5461	A	0.3
8	☐	250000.00	249211.27	8779591.88	49.8957	A	0.5

$$y = 2.0021\text{E-}004 * x + 5.2884\text{E-}004$$

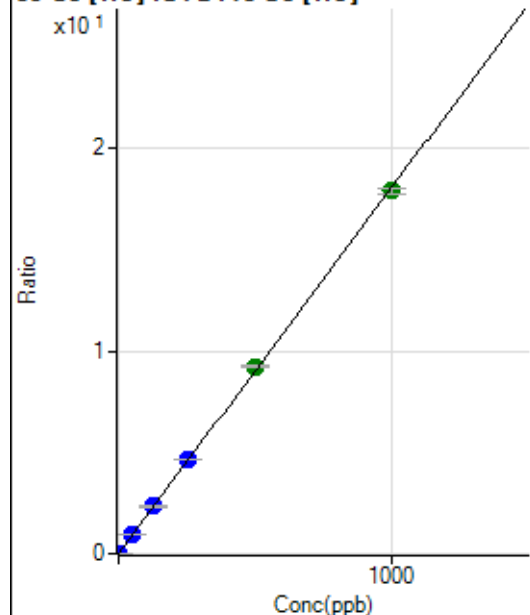
$$R = 0.9999$$

$$DL = 0.418$$

$$BEC = 2.641$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	107.78	0.0005	P	18.1
2	☐	1.000	0.986	3584.94	0.0183	P	2.0
3	☐	50.000	51.377	173004.33	0.9281	P	0.7
4	☐	125.000	128.808	410998.29	2.3261	P	1.1
5	☐	250.000	258.184	778658.48	4.6619	P	0.4
6	☐	500.000	511.815	1463086.21	9.2410	A	1.6
7	☐	1000.000	991.502	2812047.66	17.9015	A	1.5
8	☐			8239.13	0.0468	P	1.1

$$y = 0.0181 * x + 5.4563\text{E-}004$$

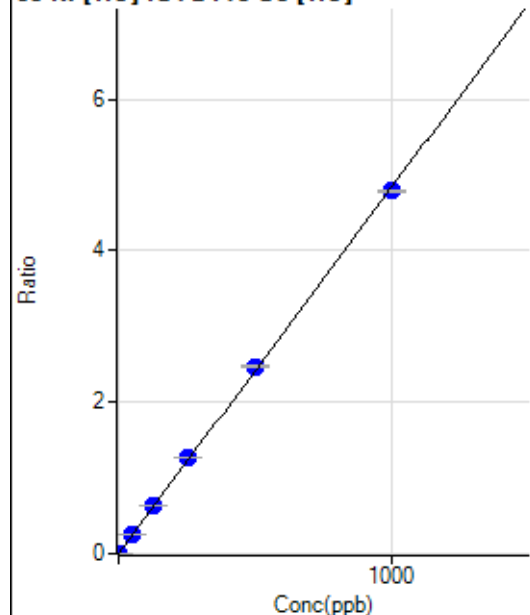
$$R = 0.9999$$

$$DL = 0.01642$$

$$BEC = 0.03022$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0004	P	10.7
2	☐	1.000	0.879	907.82	0.0046	P	7.8
3	☐	50.000	52.399	47300.62	0.2538	P	1.3
4	☐	125.000	131.772	112654.24	0.6376	P	1.1
5	☐	250.000	261.205	211034.47	1.2635	P	0.5
6	☐	500.000	511.136	391367.19	2.4720	P	1.0
7	☐	1000.000	990.664	752495.05	4.7908	P	0.7
8	☐			3871.67	0.0220	P	3.9

$$y = 0.0048 * x + 3.9375E-004$$

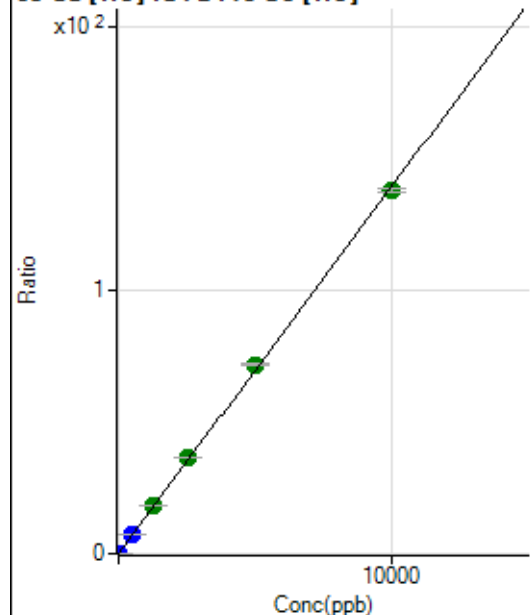
$$R = 0.9998$$

$$DL = 0.0261$$

$$BEC = 0.08143$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	722.25	0.0037	P	10.2
2	☐	2.000	1.890	5856.81	0.0300	P	0.4
3	☐	500.000	524.556	1362038.42	7.3073	P	1.1
4	☐	1250.000	1319.219	3246139.05	18.3718	A	0.8
5	☐	2500.000	2605.507	6059834.84	36.2814	A	0.8
6	☐	5000.000	5152.617	11359361.22	71.7460	A	0.8
7	☐	10000.000	9887.435	21623534.40	137.6710	A	1.1
8	☐			5692.39	0.0324	P	10.4

$$y = 0.0139 * x + 0.0037$$

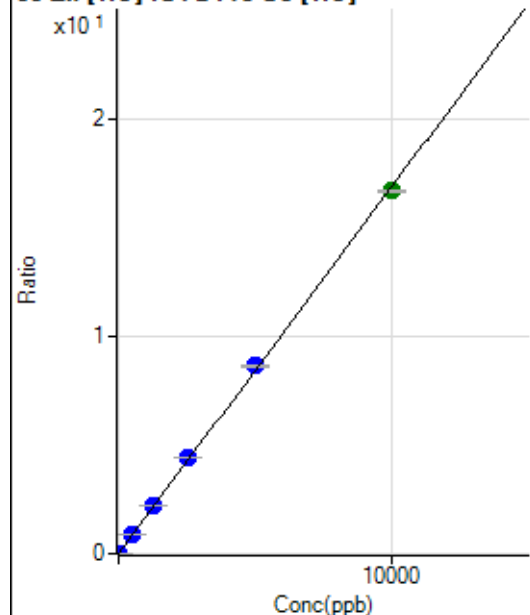
$$R = 0.9998$$

$$DL = 0.08025$$

$$BEC = 0.2627$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	556.68	0.0028	P	13.3
2	☐	5.000	5.066	2217.97	0.0113	P	2.3
3	☐	500.000	518.731	163375.57	0.8764	P	0.5
4	☐	1250.000	1302.590	388113.54	2.1965	P	0.5
5	☐	2500.000	2620.148	737429.89	4.4154	P	1.5
6	☐	5000.000	5129.247	1368100.26	8.6410	P	0.9
7	☐	10000.000	9897.829	2618636.54	16.6717	A	0.6
8	☐			3301.53	0.0188	P	2.4

$$y = 0.0017 * x + 0.0028$$

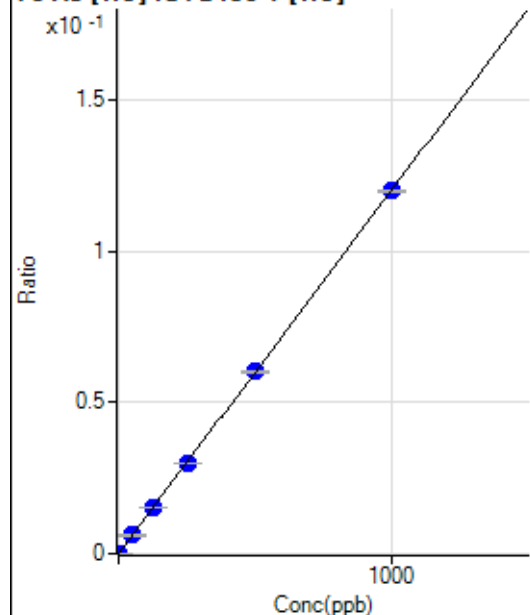
$$R = 0.9998$$

$$DL = 0.6655$$

$$BEC = 1.673$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.988	171.11	0.0001	P	10.7
3	☐	50.000	50.565	8184.69	0.0061	P	2.1
4	☐	125.000	126.999	19761.72	0.0152	P	1.8
5	☐	250.000	249.353	37083.21	0.0299	P	0.6
6	☐	500.000	502.562	70462.98	0.0603	P	1.1
7	☐	1000.000	998.603	135897.50	0.1199	P	0.7
8	☐			90.00	0.0001	P	29.9

$$y = 1.2006E-004 * x + 1.5639E-006$$

$$R = 1.0000$$

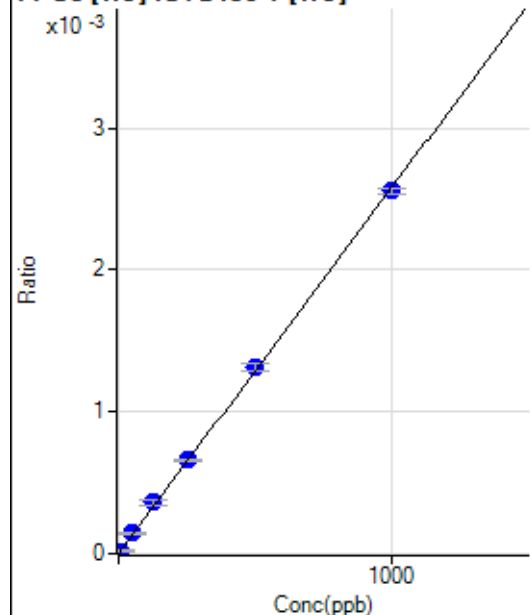
$$DL = 0.03384$$

$$BEC = 0.01303$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.603	27.78	0.0000	P	40.3
3	☐	50.000	56.274	195.56	0.0001	P	10.3
4	☐	125.000	139.698	466.68	0.0004	P	12.9
5	☐	250.000	256.465	818.92	0.0007	P	1.5
6	☐	500.000	508.785	1532.32	0.0013	P	3.9
7	☐	1000.000	991.827	2898.11	0.0026	P	1.4
8	☐			15.55	0.0000	P	44.8

$$y = 2.5780\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

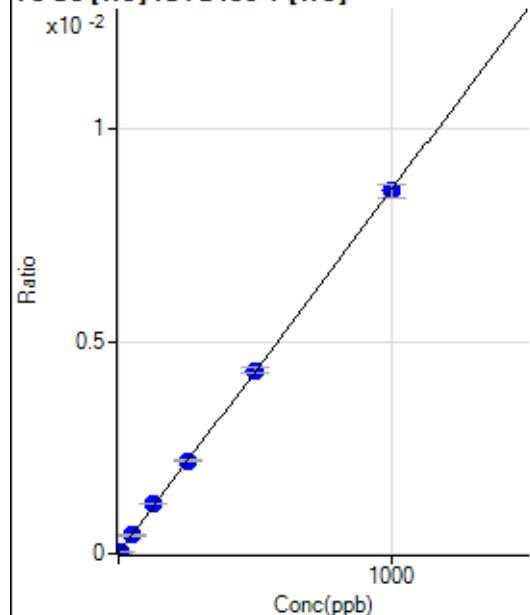
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.89	0.0000	P	27.5
2	☐	5.000	4.544	74.44	0.0001	P	10.9
3	☐	50.000	49.901	594.46	0.0004	P	6.8
4	☐	125.000	136.271	1530.10	0.0012	P	3.4
5	☐	250.000	254.004	2711.40	0.0022	P	1.6
6	☐	500.000	502.127	5037.62	0.0043	P	3.0
7	☐	1000.000	996.534	9690.07	0.0085	P	3.6
8	☐			74.44	0.0001	P	7.5

$$y = 8.5660\text{E-}006 * x + 1.3382\text{E-}005$$

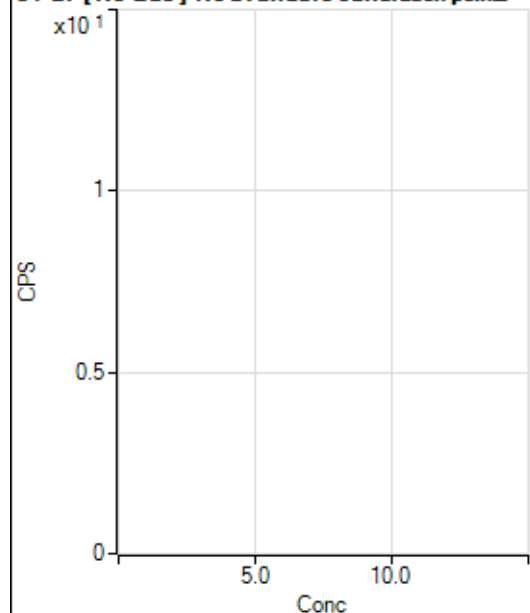
$$R = 0.9999$$

$$DL = 1.289$$

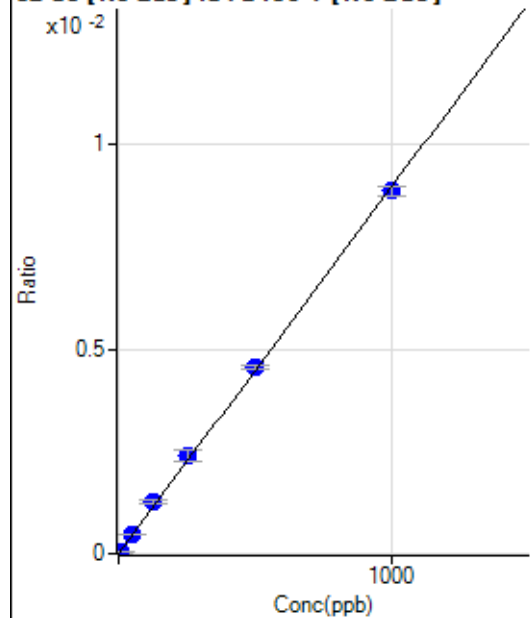
$$BEC = 1.562$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2944.78		P	2.2
2	☐			2910.34		P	6.4
3	☐			2721.40		P	4.9
4	☐			2612.49		P	4.4
5	☐			2330.22		P	3.0
6	☐			2289.10		P	2.8
7	☐			2289.10		P	4.0
8	☐			3446.02		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	2422.
2	☐	5.000	4.785	555.59	0.0000	P	5.9
3	☐	50.000	52.257	5954.75	0.0005	P	2.4
4	☐	125.000	139.138	14661.28	0.0012	P	7.6
5	☐	250.000	266.231	27441.76	0.0024	P	11.7
6	☐	500.000	509.038	51925.35	0.0046	P	2.1
7	☐	1000.000	989.544	97768.70	0.0089	P	2.7
8	☐			533.36	0.0000	P	13.7

$$y = 8.9611E-006 * x + 8.2013E-008$$

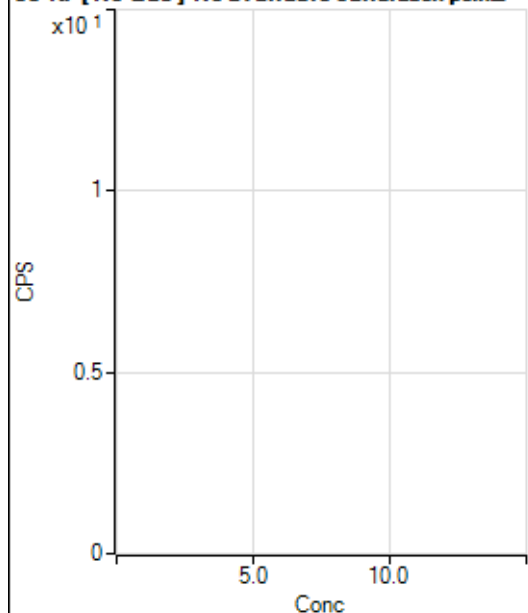
$$R = 0.9997$$

$$DL = 0.665$$

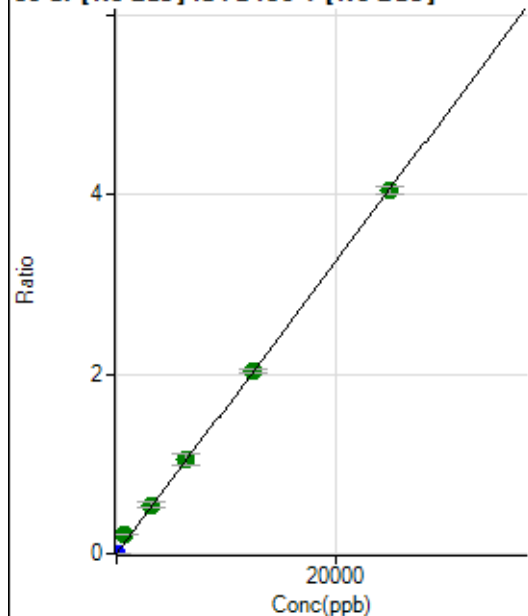
$$BEC = 0.009152$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			203.34		P	7.1
2	☐			203.33		P	12.4
3	☐			171.11		P	20.8
4	☐			164.45		P	8.2
5	☐			197.78		P	7.0
6	☐			173.34		P	26.9
7	☐			168.89		P	5.7
8	☐			181.11		P	13.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	412.23	0.0000	P	8.3
2	☐	1.000	0.882	2263.54	0.0002	P	2.4
3	☐	625.000	1264.249	2609214.89	0.2052	A	0.6
4	☐	3125.000	3338.223	6355338.17	0.5418	A	11.7
5	☐	6250.000	6447.875	12024750.52	1.0466	A	13.0
6	☐	12500.000	12499.306	23093638.54	2.0287	A	1.9
7	☐	25000.000	24908.244	44566901.00	4.0428	A	2.1
8	☐			4646.55	0.0004	P	12.3

$$y = 1.6231E-004 * x + 3.1962E-005$$

$$R = 0.9997$$

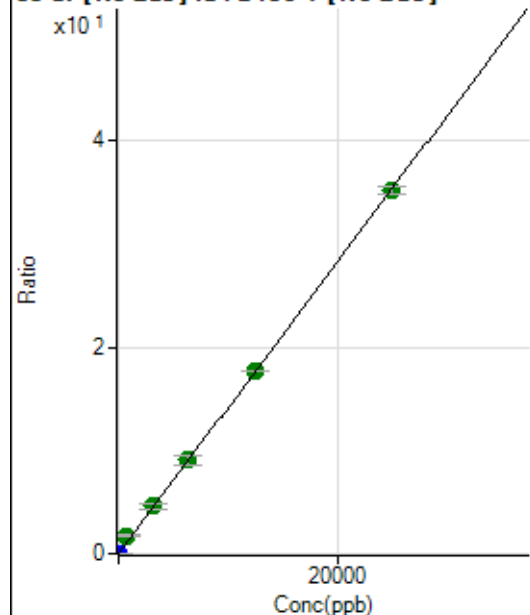
$$DL = 0.04894$$

$$BEC = 0.1969$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	784.48	0.0001	P	3.7
2	☐	1.000	0.925	17652.38	0.0014	P	1.0
3	☐	625.000	1250.400	22428384.94	1.7641	A	2.1
4	☐	3125.000	3276.691	54237931.41	4.6228	A	11.1
5	☐	6250.000	6404.606	103940269.5	9.0356	A	11.5
6	☐	12500.000	12544.464	201480761.4	17.6976	A	0.6
7	☐	25000.000	24904.520	387314563.1	35.1350	A	2.2
8	☐			39783.95	0.0036	P	10.3

$$y = 0.0014 * x + 6.0781E-005$$

$$R = 0.9997$$

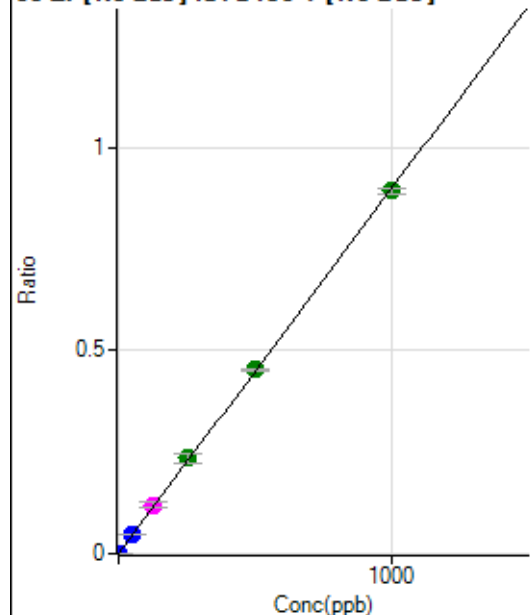
$$DL = 0.00478$$

$$BEC = 0.04308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	498.90	0.0000	P	8.1
2	☐	1.000	0.921	11185.66	0.0009	P	1.3
3	☐	50.000	50.693	579058.90	0.0455	P	0.8
4	☐	125.000	133.791	1409852.65	0.1201	M	10.8
5	☐	250.000	261.737	2706558.35	0.2350	A	9.7
6	☐	500.000	503.807	5148903.43	0.4523	A	1.3
7	☐	1000.000	994.029	9838979.78	0.8924	A	1.8
8	☐			4364.09	0.0004	P	6.6

$$y = 8.9770E-004 * x + 3.8677E-005$$

$$R = 0.9999$$

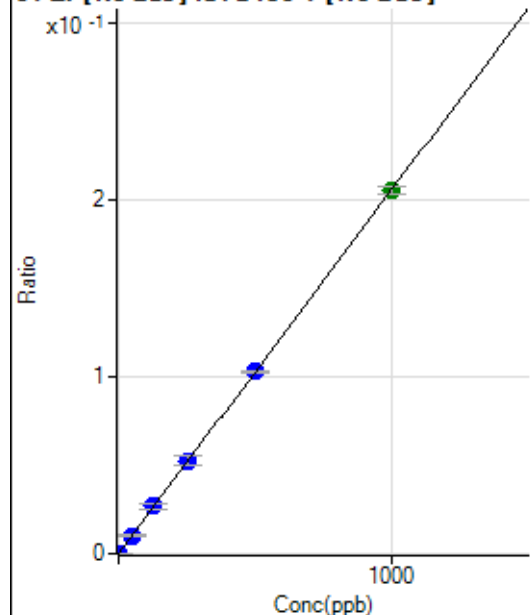
$$DL = 0.01046$$

$$BEC = 0.04308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.33	0.0000	P	2.9
2	☐	1.000	0.904	2489.14	0.0002	P	2.4
3	☐	50.000	50.041	131034.20	0.0103	P	1.2
4	☐	125.000	130.750	315988.60	0.0269	P	10.2
5	☐	250.000	255.927	606019.22	0.0527	P	11.5
6	☐	500.000	500.401	1172589.20	0.1030	P	1.0
7	☐	1000.000	997.597	2263858.78	0.2053	A	2.1
8	☐			945.60	0.0001	P	9.0

$$y = 2.0583\text{E-}004 * x + 6.4553\text{E-}006$$

$$R = 1.0000$$

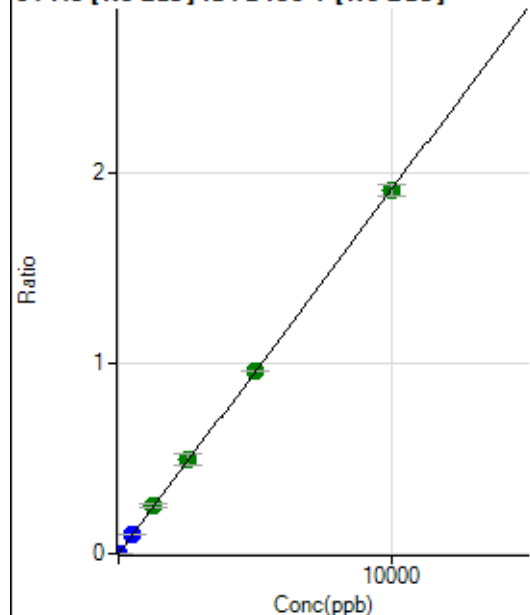
$$DL = 0.00273$$

$$BEC = 0.03136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	141.11	0.0000	P	26.0
2	☐	5.000	5.282	13214.14	0.0010	P	1.8
3	☐	500.000	508.591	1237906.86	0.0974	P	0.6
4	☐	1250.000	1307.510	2939959.02	0.2503	A	9.2
5	☐	2500.000	2588.883	5703627.48	0.4956	A	10.7
6	☐	5000.000	5006.648	10910820.12	0.9584	A	0.5
7	☐	10000.000	9966.837	21031611.35	1.9079	A	3.3
8	☐			4557.50	0.0004	P	8.3

$$y = 1.9142\text{E-}004 * x + 1.0956\text{E-}005$$

$$R = 0.9999$$

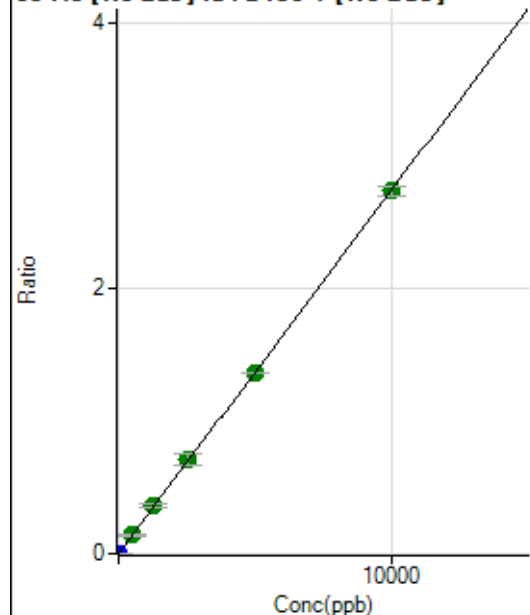
$$DL = 0.0447$$

$$BEC = 0.05723$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	51.11	0.0000	P	17.5
2	☐	5.000	4.481	15899.17	0.0012	P	0.8
3	☐	500.000	503.197	1749951.45	0.1376	A	1.2
4	☐	1250.000	1326.212	4259671.85	0.3628	A	9.7
5	☐	2500.000	2591.128	8146430.71	0.7087	A	12.6
6	☐	5000.000	4971.333	15480724.08	1.3598	A	0.5
7	☐	10000.000	9981.865	30097176.22	2.7303	A	2.5
8	☐			5298.00	0.0005	P	15.0

$$y = 2.7353\text{E-}004 * x + 3.9651\text{E-}006$$

$$R = 0.9999$$

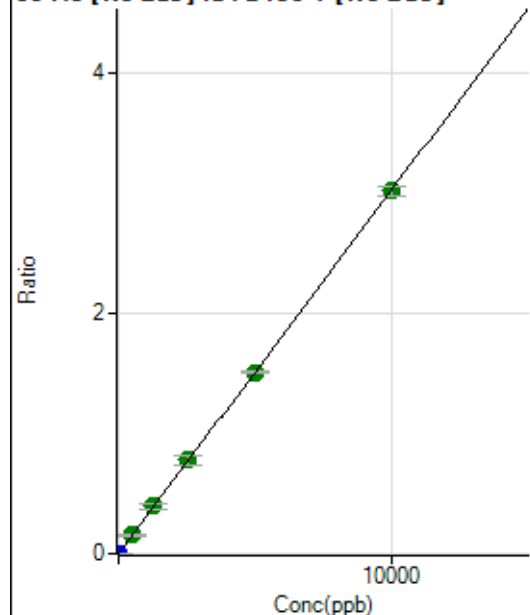
$$DL = 0.007591$$

$$BEC = 0.0145$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	182.23	0.0000	P	28.3
2	☐	5.000	4.459	17606.79	0.0014	P	3.1
3	☐	500.000	505.915	1944248.77	0.1529	A	1.9
4	☐	1250.000	1311.978	4652993.96	0.3966	A	11.0
5	☐	2500.000	2566.137	8923762.16	0.7756	A	11.2
6	☐	5000.000	4990.776	17172053.91	1.5085	A	1.1
7	☐	10000.000	9980.035	33249859.50	3.0164	A	2.8
8	☐			6207.29	0.0006	P	9.9

$$y = 3.0225\text{E-}004 * x + 1.4139\text{E-}005$$

$$R = 1.0000$$

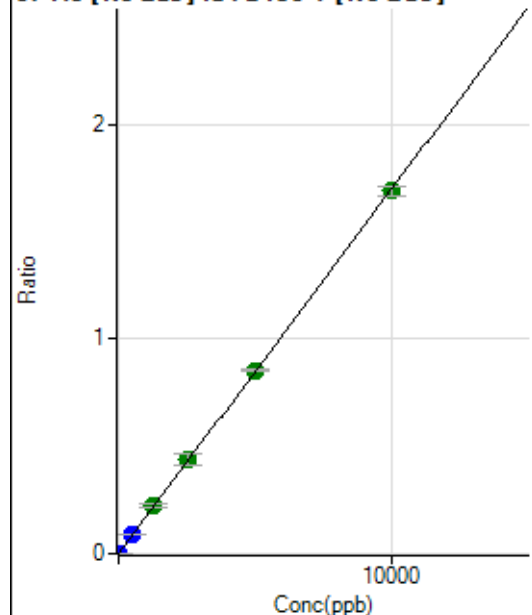
$$DL = 0.03965$$

$$BEC = 0.04678$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32.22	0.0000	P	37.7
2	☐	5.000	4.515	9942.54	0.0008	P	1.0
3	☐	500.000	517.815	1117549.14	0.0879	P	0.7
4	☐	1250.000	1308.588	2608324.82	0.2221	A	9.8
5	☐	2500.000	2587.830	5056605.41	0.4393	A	10.5
6	☐	5000.000	5028.014	9716402.35	0.8535	A	1.3
7	☐	10000.000	9955.821	18629696.39	1.6900	A	2.3
8	☐			3343.90	0.0003	P	14.1

$$y = 1.6975\text{E-}004 * x + 2.4884\text{E-}006$$

$$R = 0.9999$$

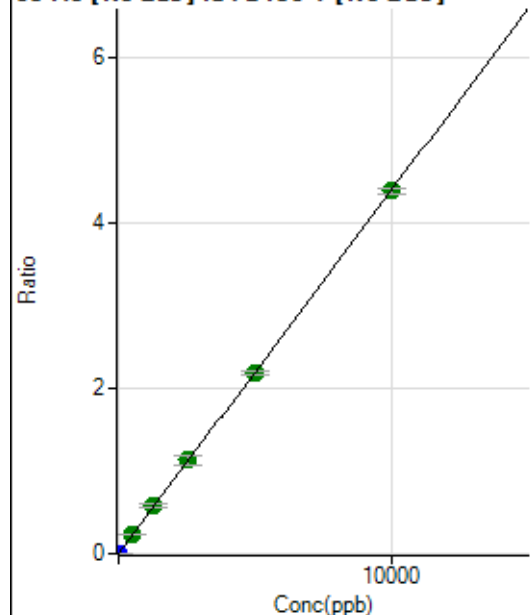
$$DL = 0.01659$$

$$BEC = 0.01466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.55	0.0000	P	43.5
2	☐	5.000	4.462	25481.25	0.0020	P	1.0
3	☐	500.000	508.965	2846107.14	0.2239	A	0.2
4	☐	1250.000	1315.941	6799737.47	0.5788	A	8.8
5	☐	2500.000	2584.654	13093098.00	1.1368	A	9.8
6	☐	5000.000	4979.804	24932392.96	2.1902	A	1.6
7	☐	10000.000	9980.244	48390705.39	4.3895	A	1.7
8	☐			8369.95	0.0008	P	11.1

$$y = 4.3982\text{E-}004 * x + 8.1472\text{E-}006$$

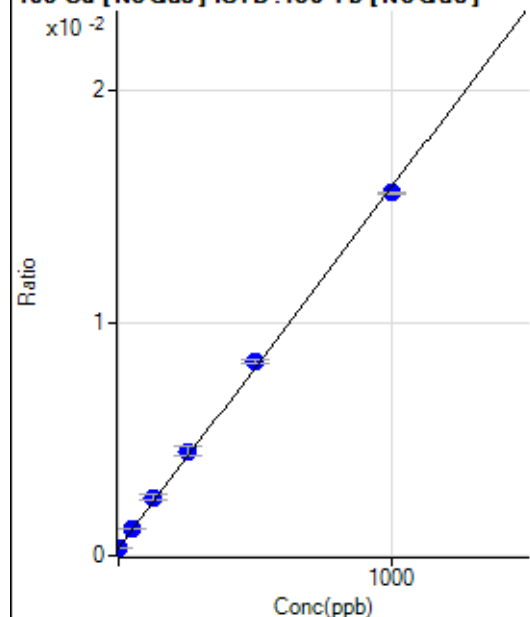
$$R = 0.9999$$

$$DL = 0.02416$$

$$BEC = 0.01852$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3818.34	0.0003	P	5.6
2	☐	1.000	1.109	4052.86	0.0004	P	0.7
3	☐	50.000	52.718	13189.76	0.0012	P	4.0
4	☐	125.000	140.403	26287.39	0.0025	P	8.5
5	☐	250.000	268.267	46987.65	0.0045	P	9.2
6	☐	500.000	516.755	87055.78	0.0084	P	1.4
7	☐	1000.000	984.995	160753.12	0.0156	P	0.6
8	☐			3354.88	0.0003	P	0.8

$$y = 1.5500\text{E-}005 * x + 3.4285\text{E-}004$$

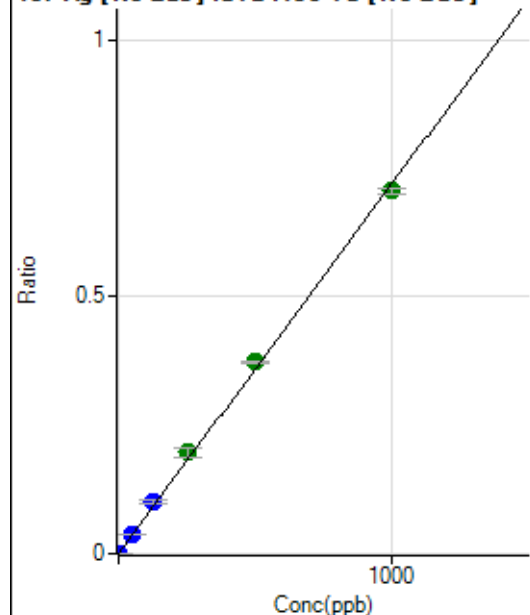
$$R = 0.9995$$

$$DL = 3.72$$

$$BEC = 22.12$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	56.67	0.0000	P	47.2
2	☐	1.000	0.974	7931.24	0.0007	P	2.6
3	☐	50.000	53.802	439570.94	0.0387	P	2.3
4	☐	125.000	141.398	1059612.22	0.1016	P	9.0
5	☐	250.000	274.354	2058223.01	0.1971	A	8.8
6	☐	500.000	518.933	3884986.61	0.3728	A	1.4
7	☐	1000.000	982.205	7265519.82	0.7055	A	1.7
8	☐			1448.98	0.0001	P	10.9

$$y = 7.1830\text{E-}004 * x + 5.0650\text{E-}006$$

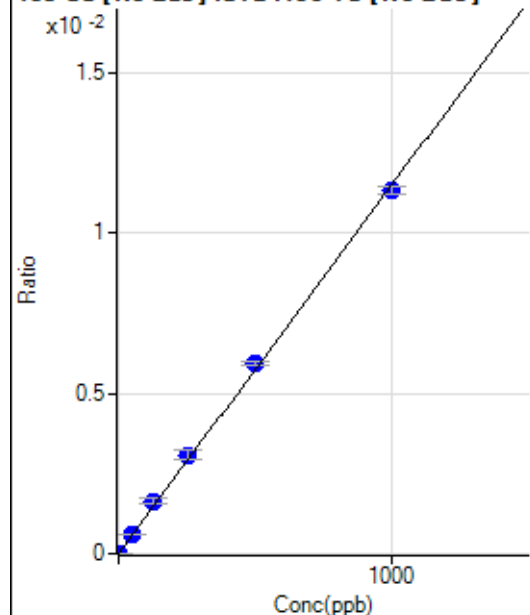
$$R = 0.9993$$

$$DL = 0.009987$$

$$BEC = 0.007051$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.5
2	☐	1.000	1.161	153.33	0.0000	P	19.1
3	☐	50.000	52.541	6865.11	0.0006	P	2.1
4	☐	125.000	141.682	16960.53	0.0016	P	10.6
5	☐	250.000	268.755	32177.61	0.0031	P	11.1
6	☐	500.000	516.105	61763.41	0.0059	P	2.2
7	☐	1000.000	985.046	116457.53	0.0113	P	2.2
8	☐			91.11	0.0000	P	15.9

$$y = 1.1482\text{E-}005 * x + 2.9903\text{E-}007$$

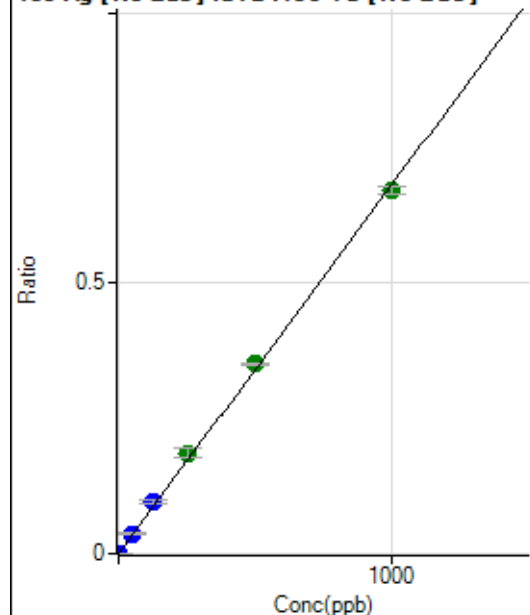
R = 0.9995

DL = 0.001146

BEC = 0.02604

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28.89	0.0000	P	72.3
2	☐	1.000	0.980	7539.91	0.0007	P	3.7
3	☐	50.000	54.076	418943.68	0.0368	P	3.3
4	☐	125.000	142.102	1010089.90	0.0968	P	8.8
5	☐	250.000	273.493	1944106.62	0.1863	A	9.9
6	☐	500.000	514.337	3652262.66	0.3504	A	1.0
7	☐	1000.000	984.617	6906976.98	0.6708	A	2.1
8	☐			1342.30	0.0001	P	5.1

$$y = 6.8128\text{E-}004 * x + 2.5828\text{E-}006$$

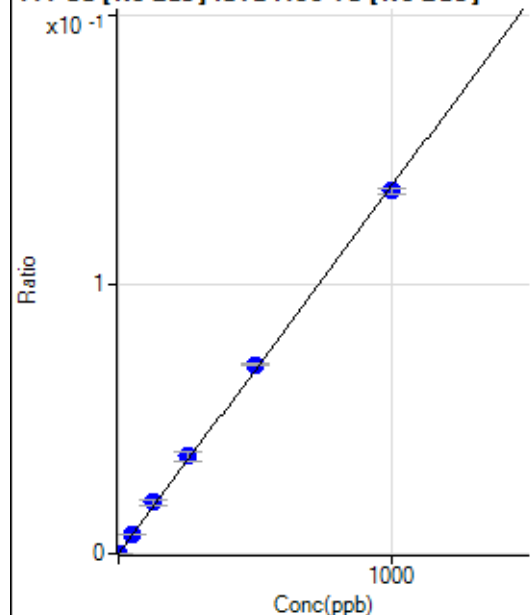
R = 0.9995

DL = 0.008222

BEC = 0.003791

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	385.06	0.0000	P	6.0
2	☐	1.000	1.054	2005.86	0.0002	P	3.4
3	☐	50.000	52.553	81848.28	0.0072	P	2.3
4	☐	125.000	139.355	198414.99	0.0190	P	9.7
5	☐	250.000	266.253	378952.17	0.0363	P	10.0
6	☐	500.000	513.462	729718.95	0.0700	P	0.7
7	☐	1000.000	987.284	1385751.62	0.1346	P	1.9
8	☐			1110.64	0.0001	P	9.8

$$y = 1.3628\text{E-}004 * x + 3.4576\text{E-}005$$

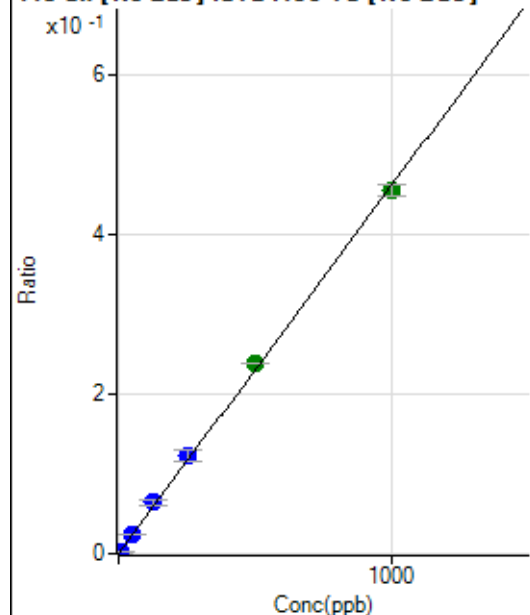
$$R = 0.9997$$

$$DL = 0.04596$$

$$BEC = 0.2537$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	894.48	0.0001	P	3.2
2	☐	5.000	4.898	26359.90	0.0023	P	2.4
3	☐	50.000	52.370	275974.80	0.0243	P	2.0
4	☐	125.000	138.617	668369.65	0.0641	P	9.7
5	☐	250.000	267.328	1287920.58	0.1235	P	11.3
6	☐	500.000	516.375	2486407.90	0.2385	A	0.4
7	☐	1000.000	985.660	4686949.30	0.4553	A	3.1
8	☐			3504.93	0.0003	P	3.2

$$y = 4.6180\text{E-}004 * x + 8.0296\text{E-}005$$

$$R = 0.9996$$

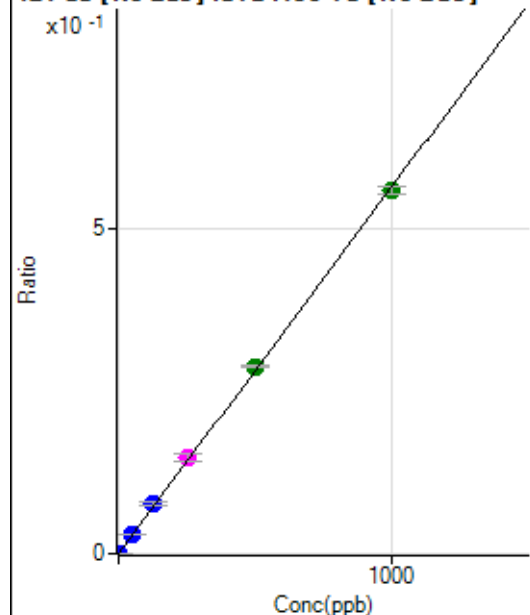
$$DL = 0.0166$$

$$BEC = 0.1739$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.33	0.0000	P	41.8
2	☐	2.000	1.941	12337.90	0.0011	P	3.7
3	☐	50.000	51.348	329220.30	0.0289	P	2.6
4	☐	125.000	137.469	808320.35	0.0775	P	9.4
5	☐	250.000	261.687	1539770.43	0.1475	M	9.4
6	☐	500.000	511.082	3002893.46	0.2881	A	1.7
7	☐	1000.000	989.911	5745813.52	0.5581	A	2.1
8	☐			4440.77	0.0004	P	14.0

$$y = 5.6374\text{E-}004 * x + 2.0869\text{E-}006$$

$$R = 0.9998$$

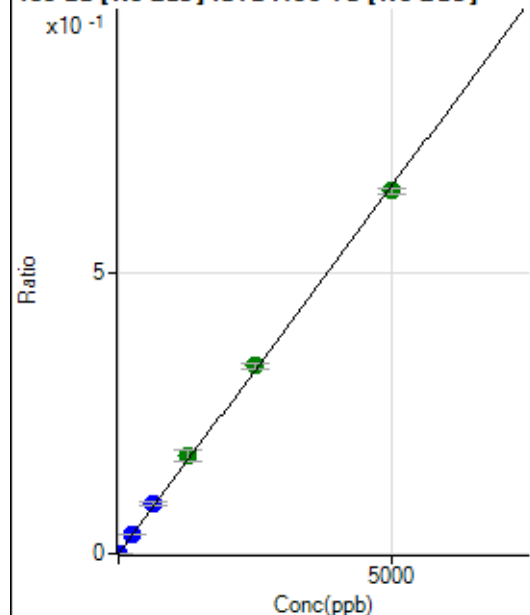
$$DL = 0.004642$$

$$BEC = 0.003702$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	74.44	0.0000	P	14.1
2	☐	10.000	9.643	14305.46	0.0013	P	0.2
3	☐	250.000	258.148	384953.30	0.0338	P	2.5
4	☐	625.000	686.591	939269.46	0.0900	P	8.7
5	☐	1250.000	1333.690	1822278.74	0.1749	A	11.8
6	☐	2500.000	2565.064	3504449.08	0.3363	A	3.1
7	☐	5000.000	4938.440	6666942.82	0.6474	A	1.4
8	☐			3571.62	0.0004	P	4.9

$$y = 1.3110\text{E-}004 * x + 6.6880\text{E-}006$$

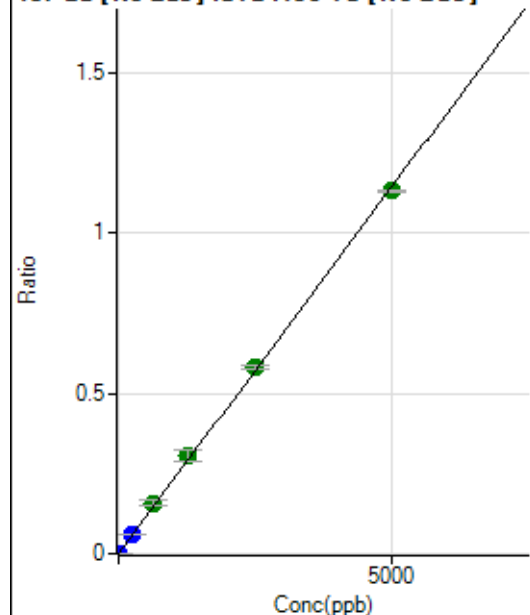
$$R = 0.9997$$

$$DL = 0.02161$$

$$BEC = 0.05101$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	66.67	0.0000	P	14.3
2	☐	10.000	9.735	25113.40	0.0022	P	1.4
3	☐	250.000	259.809	675307.76	0.0594	P	3.1
4	☐	625.000	689.352	1642528.64	0.1576	A	10.4
5	☐	1250.000	1327.395	3162186.17	0.3034	A	11.8
6	☐	2500.000	2544.827	6061964.42	0.5816	A	1.8
7	☐	5000.000	4949.704	11649677.61	1.1313	A	0.4
8	☐			6289.32	0.0006	P	4.3

$$y = 2.2856E-004 * x + 5.9925E-006$$

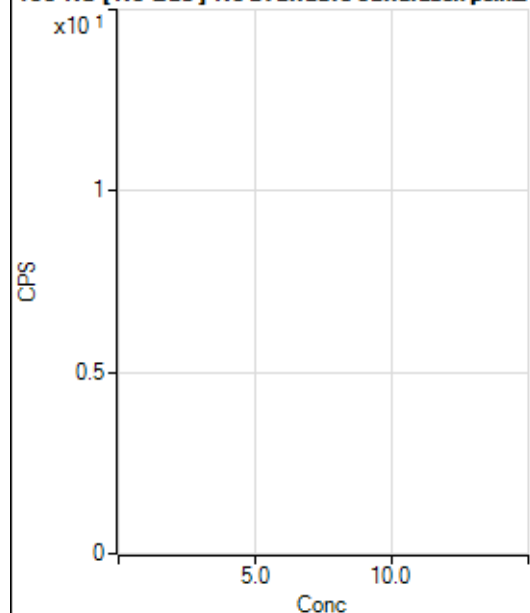
$$R = 0.9998$$

$$DL = 0.01127$$

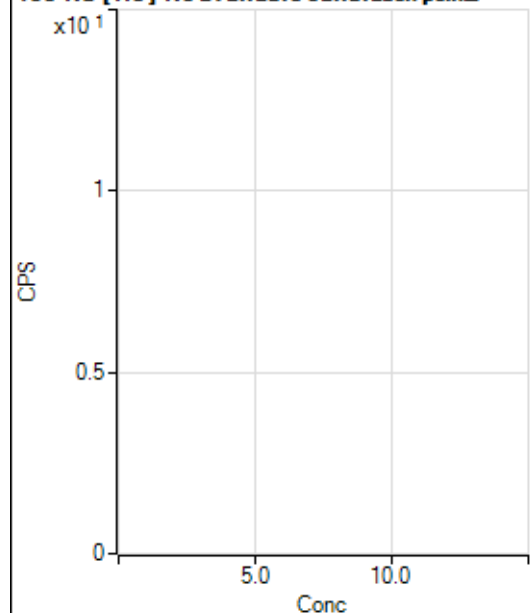
$$BEC = 0.02622$$

Weight: <None>

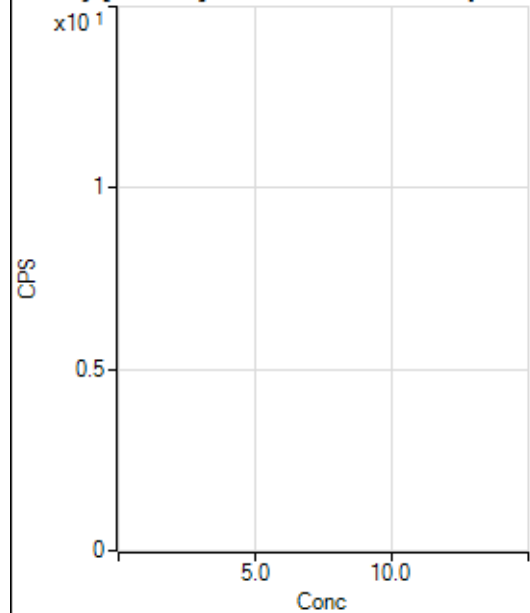
Min Conc: 0

150 Nd [No Gas] No available calibration points

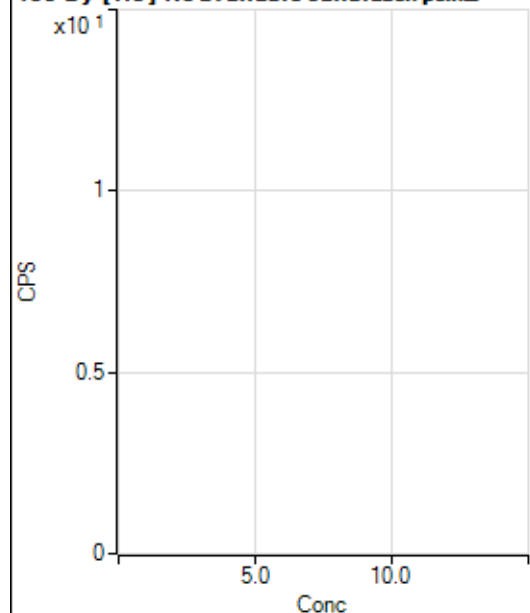
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	78.1
2	☐			13.33		P	50.0
3	☐			36.67		P	9.1
4	☐			71.11		P	7.2
5	☐			113.33		P	28.1
6	☐			244.45		P	2.8
7	☐			432.23		P	8.7
8	☐			233.34		P	12.7

150 Nd [He] No available calibration points

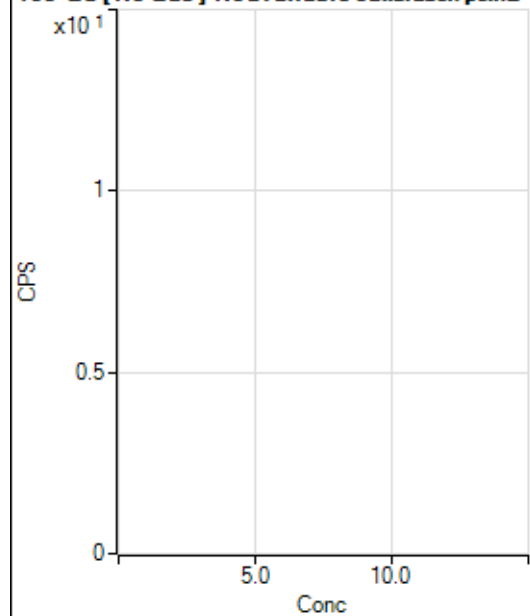
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			6.67		P	100.0
4	☐			4.44		P	114.6
5	☐			7.78		P	65.5
6	☐			25.56		P	49.4
7	☐			41.11		P	16.9
8	☐			88.89		P	15.2

156 Dy [No Gas] No available calibration points

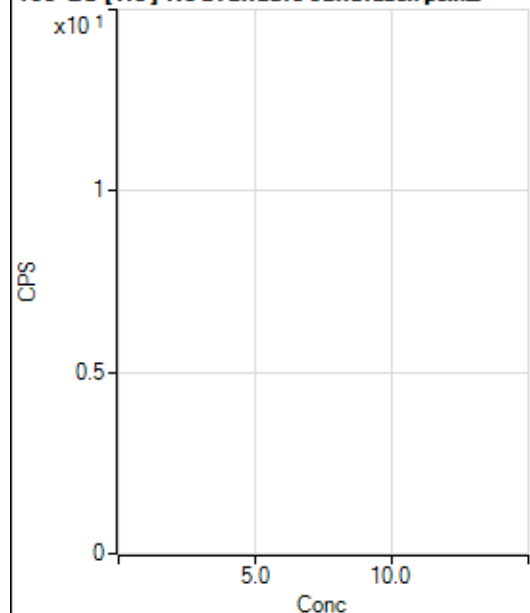
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	66.2
2	☐			17.78		P	57.3
3	☐			24.45		P	28.4
4	☐			61.11		P	11.4
5	☐			101.11		P	14.9
6	☐			214.45		P	6.3
7	☐			410.01		P	10.4
8	☐			1357.86		P	2.8

156 Dy [He] No available calibration points

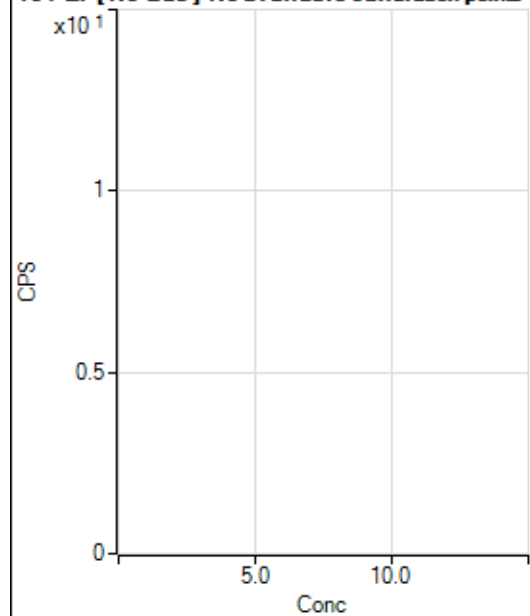
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			6.67		P	50.0
3	☐			12.22		P	68.7
4	☐			43.33		P	27.7
5	☐			57.78		P	14.5
6	☐			92.22		P	25.6
7	☐			190.00		P	13.7
8	☐			643.36		P	7.8

160 Gd [No Gas] Noavailable calibration poin_

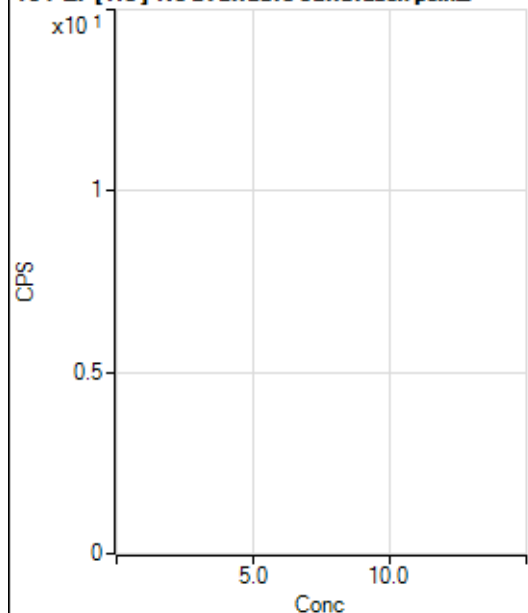
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			107.78		P	10.9
2	☐			95.56		P	30.1
3	☐			101.11		P	1.9
4	☐			143.34		P	19.0
5	☐			181.11		P	24.0
6	☐			285.56		P	10.1
7	☐			450.01		P	9.0
8	☐			1530.11		P	3.2

160 Gd [He] No available calibration points

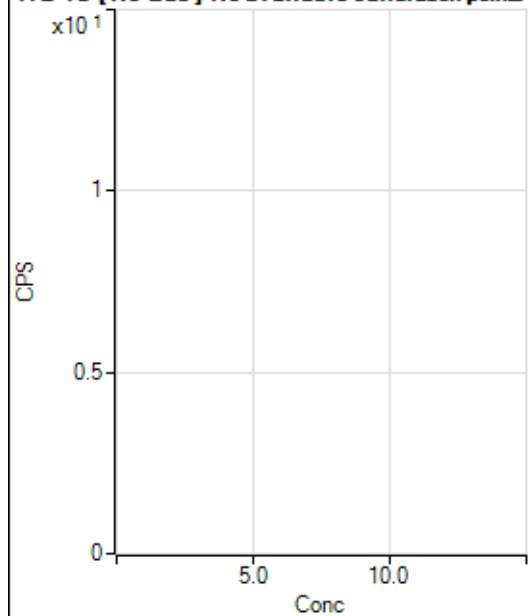
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			161.11		P	7.3
2	☐			160.00		P	8.3
3	☐			175.56		P	15.8
4	☐			160.00		P	7.5
5	☐			192.23		P	11.5
6	☐			212.23		P	4.5
7	☐			297.78		P	23.5
8	☐			883.37		P	8.2

164 Er [No Gas] No available calibration points

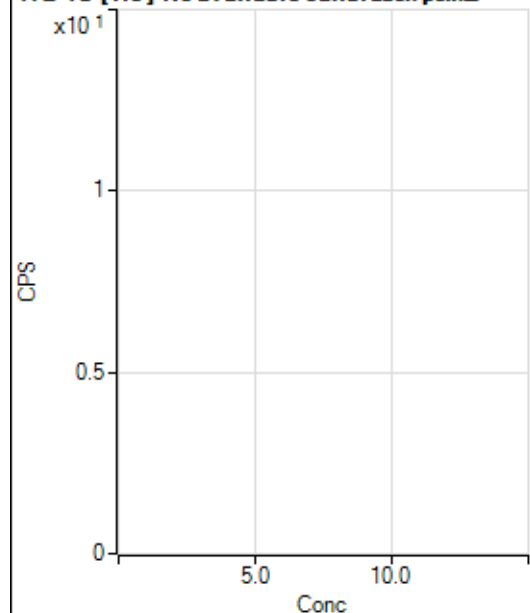
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			82.22		P	16.9
2	☐			65.56		P	2.9
3	☐			100.00		P	14.5
4	☐			74.44		P	12.9
5	☐			113.34		P	20.6
6	☐			128.89		P	11.7
7	☐			190.00		P	4.6
8	☐			273.34		P	12.2

164 Er [He] No available calibration points

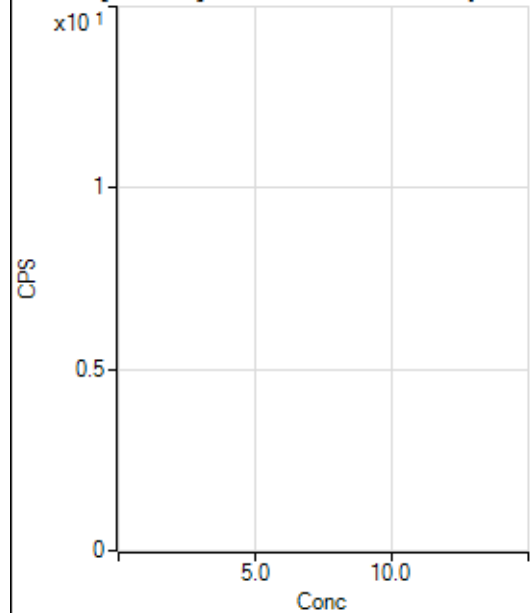
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			34.44		P	14.8
2	☐			25.55		P	27.1
3	☐			21.11		P	9.1
4	☐			38.89		P	55.8
5	☐			41.11		P	26.1
6	☐			56.66		P	27.0
7	☐			55.56		P	22.7
8	☐			90.00		P	20.6

172 Yb [No Gas] No available calibration points

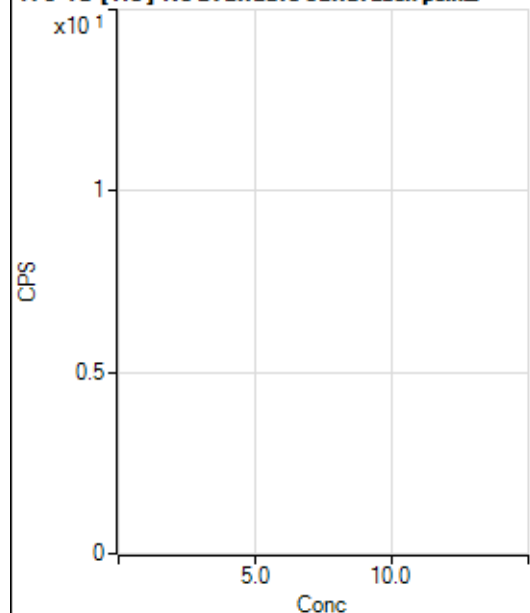
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			63.33		P	19.0
2	☐			78.89		P	39.9
3	☐			82.22		P	20.8
4	☐			105.56		P	16.2
5	☐			103.34		P	11.2
6	☐			166.67		P	10.0
7	☐			261.11		P	5.3
8	☐			190.00		P	19.0

172 Yb [He] No available calibration points

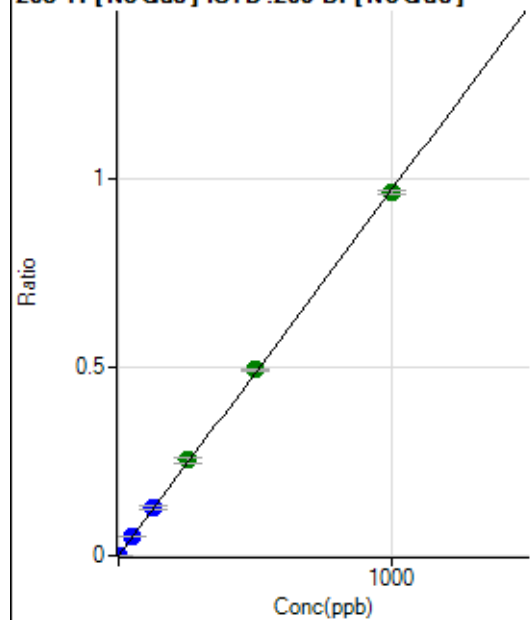
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			37.78		P	22.2
2	☐			30.00		P	38.5
3	☐			33.33		P	26.5
4	☐			45.56		P	47.6
5	☐			67.78		P	27.1
6	☐			78.89		P	27.2
7	☐			100.00		P	14.5
8	☐			81.11		P	17.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1600.11		P	5.4
2	☐			1533.44		P	8.3
3	☐			3072.61		P	2.7
4	☐			5215.54		P	2.3
5	☐			8612.88		P	1.0
6	☐			15968.66		P	0.1
7	☐			29996.34		P	2.1
8	☐			1472.32		P	4.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14798.41		P	0.7
2	☐			14644.90		P	0.5
3	☐			14484.70		P	4.1
4	☐			15184.41		P	0.8
5	☐			16324.67		P	0.8
6	☐			18100.28		P	1.3
7	☐			23629.03		P	1.7
8	☐			13982.00		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	64.45	0.0000	P	7.0
2	☐	1.000	0.890	6646.21	0.0009	P	5.3
3	☐	50.000	50.527	368724.59	0.0490	P	1.4
4	☐	125.000	131.135	911534.35	0.1272	P	8.9
5	☐	250.000	260.517	1786071.14	0.2527	A	7.6
6	☐	500.000	507.808	3543879.04	0.4926	A	0.4
7	☐	1000.000	992.674	6737638.37	0.9628	A	0.9
8	☐			2869.51	0.0004	P	17.4

$$y = 9.6995E-004 * x + 8.4857E-006$$

$$R = 0.9999$$

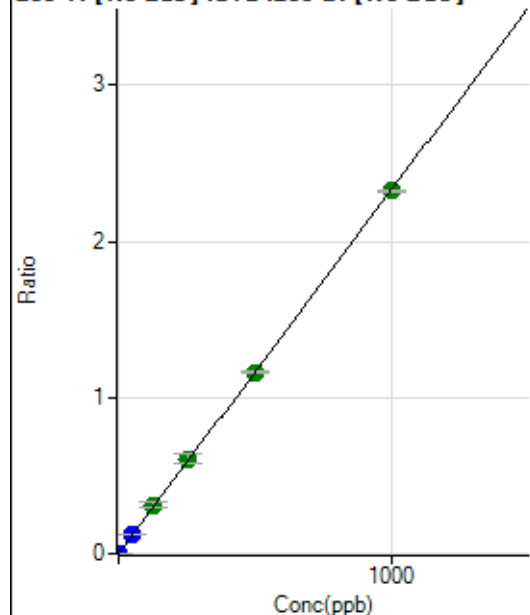
$$DL = 0.001838$$

$$BEC = 0.008749$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.00	0.0000	P	17.7
2	☐	1.000	0.905	16254.73	0.0021	P	3.2
3	☐	50.000	50.795	890649.08	0.1184	P	0.9
4	☐	125.000	134.513	2245528.93	0.3135	A	9.8
5	☐	250.000	260.719	4289451.15	0.6076	A	9.6
6	☐	500.000	498.359	8356337.03	1.1614	A	1.0
7	☐	1000.000	996.912	16258270.18	2.3233	A	0.2
8	☐			6835.15	0.0011	P	13.5

$$y = 0.0023 * x + 2.2423E-005$$

$$R = 0.9999$$

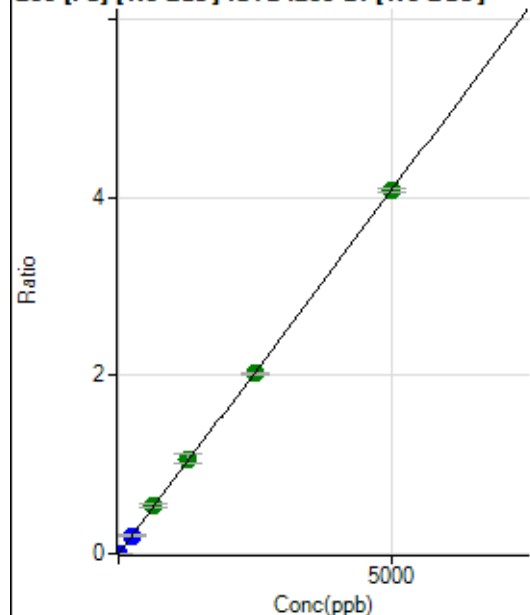
$$DL = 0.005095$$

$$BEC = 0.009622$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	142.23	0.0000	P	9.7
2	☐	1.000	0.901	5749.13	0.0008	P	3.6
3	☐	250.000	250.994	1540551.00	0.2048	P	1.0
4	☐	625.000	671.345	3926746.23	0.5477	A	8.0
5	☐	1250.000	1301.089	7492720.45	1.0615	A	9.8
6	☐	2500.000	2481.026	14563742.56	2.0242	A	1.1
7	☐	5000.000	4990.872	28495064.85	4.0719	A	0.9
8	☐			14587.34	0.0023	P	11.2

$$y = 8.1586E-004 * x + 1.8693E-005$$

$$R = 0.9999$$

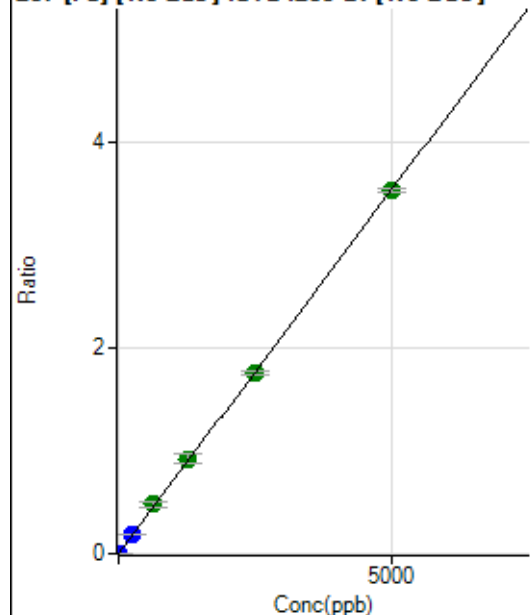
$$DL = 0.006686$$

$$BEC = 0.02291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	107.78	0.0000	P	26.4
2	☐	1.000	0.902	4977.67	0.0007	P	5.3
3	☐	250.000	253.787	1351460.15	0.1797	P	0.6
4	☐	625.000	676.982	3434078.73	0.4792	A	8.9
5	☐	1250.000	1300.846	6495535.32	0.9208	A	10.9
6	☐	2500.000	2487.566	12668711.34	1.7608	A	1.9
7	☐	5000.000	4986.818	24703324.35	3.5299	A	1.0
8	☐			12569.85	0.0019	P	9.2

$$y = 7.0785E-004 * x + 1.4222E-005$$

$$R = 0.9999$$

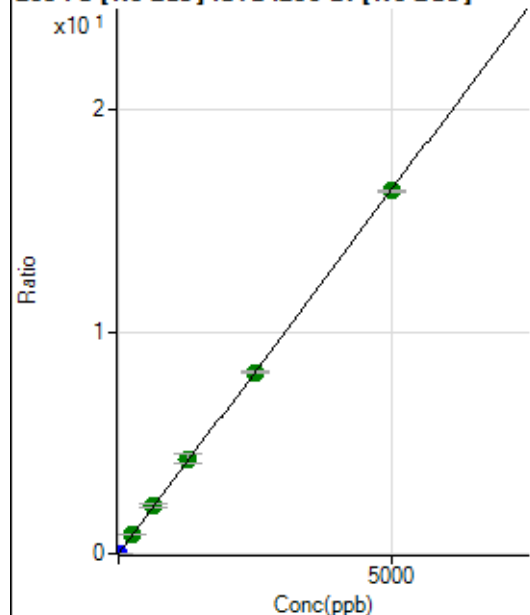
$$DL = 0.01593$$

$$BEC = 0.02009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	504.46	0.0001	P	4.3
2	☐	1.000	0.893	22841.48	0.0030	P	2.7
3	☐	250.000	254.578	6282660.41	0.8352	A	0.3
4	☐	625.000	668.045	15703556.64	2.1915	A	9.0
5	☐	1250.000	1301.102	30116243.16	4.2682	A	10.4
6	☐	2500.000	2495.352	58895078.43	8.1858	A	0.7
7	☐	5000.000	4983.939	114417902.1	16.3493	A	0.6
8	☐			57422.30	0.0089	P	9.7

$$y = 0.0033 * x + 6.6420E-005$$

$$R = 0.9999$$

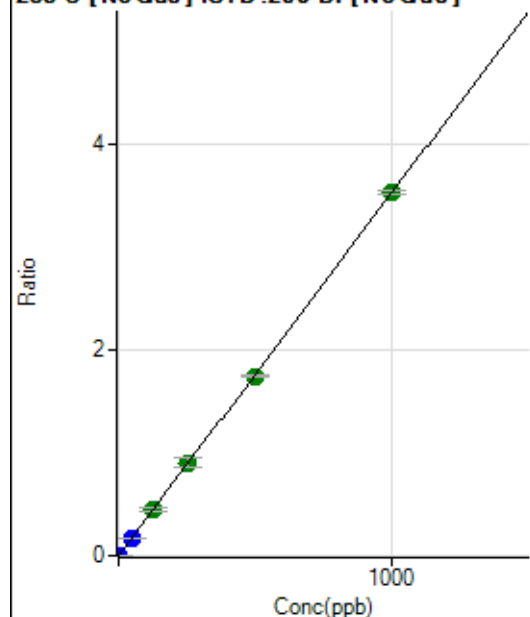
$$DL = 0.002583$$

$$BEC = 0.02025$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17.78	0.0000	P	10.1
2	☐	1.000	0.857	23087.72	0.0030	P	1.7
3	☐	50.000	48.458	1286812.16	0.1711	P	0.6
4	☐	125.000	129.405	3273831.41	0.4568	A	8.7
5	☐	250.000	255.623	6367452.06	0.9024	A	10.3
6	☐	500.000	495.015	12572624.67	1.7474	A	0.6
7	☐	1000.000	1000.613	24717623.52	3.5322	A	1.1
8	☐			6669.85	0.0010	P	9.3

$$y = 0.0035 * x + 2.3390E-006$$

$$R = 1.0000$$

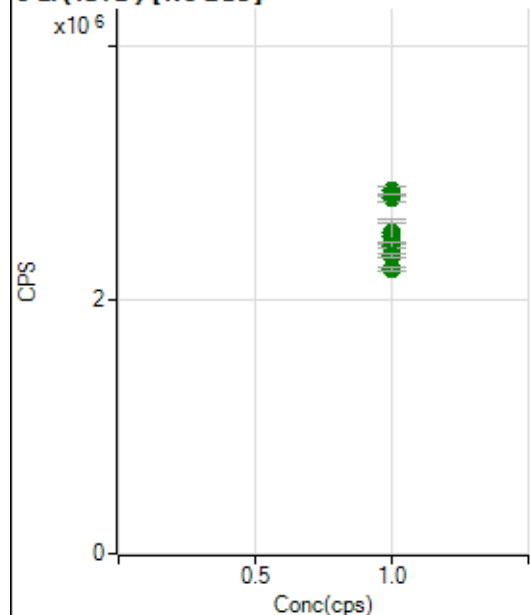
$$DL = 0.0002009$$

$$BEC = 0.0006626$$

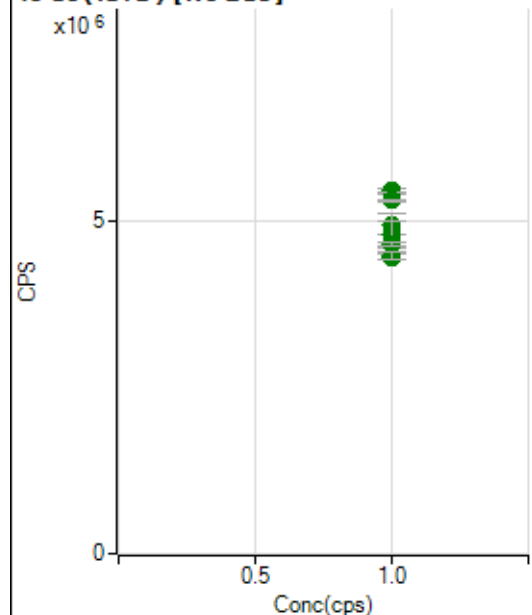
Weight: <None>

Min Conc: 0

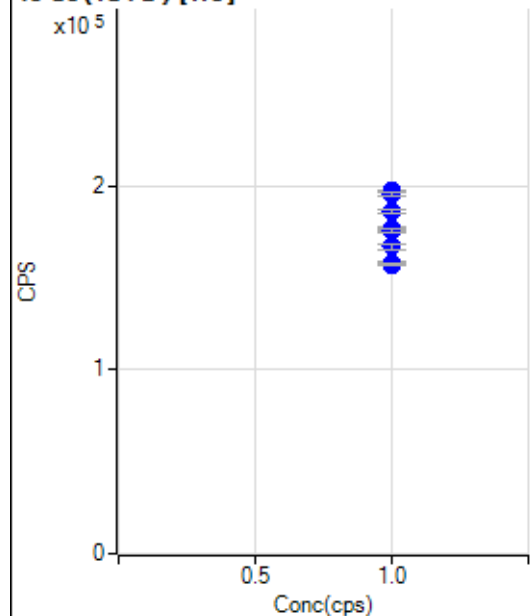
6 Li (ISTD) [No Gas]



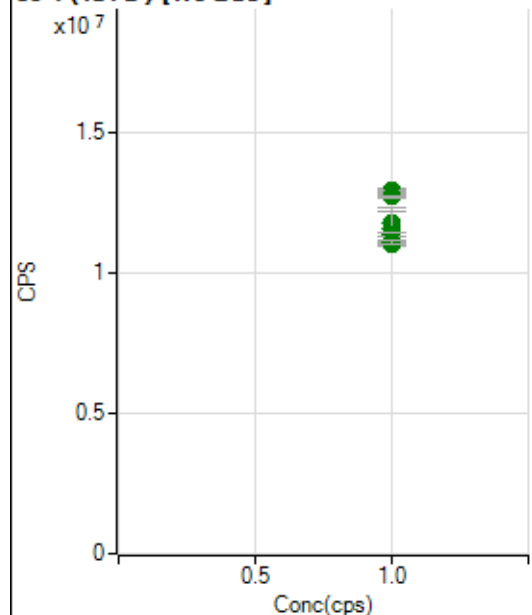
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2859573.50		A	2.2
2	☐	1.000		2801702.58		A	1.5
3	☐	1.000		2833639.40		A	0.2
4	☐	1.000		2537016.21		A	7.9
5	☐	1.000		2508202.55		A	7.8
6	☐	1.000		2426779.86		A	1.8
7	☐	1.000		2347718.62		A	1.3
8	☐	1.000		2243909.23		A	1.7

45 Sc (ISTD) [No Gas]

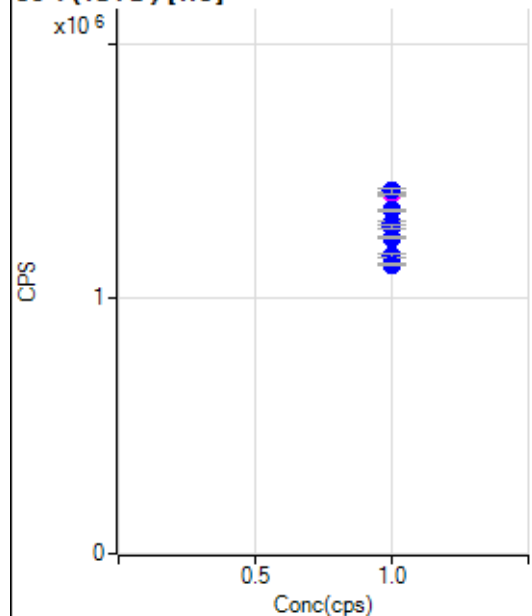
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5458501.38		A	1.6
2	☐	1.000		5437229.43		A	0.5
3	☐	1.000		5315941.45		A	0.8
4	☐	1.000		4960662.11		A	6.7
5	☐	1.000		4802013.71		A	8.7
6	☐	1.000		4646279.97		A	1.2
7	☐	1.000		4469330.32		A	1.4
8	☐	1.000		4483205.98		A	2.1

45 Sc (ISTD) [He]

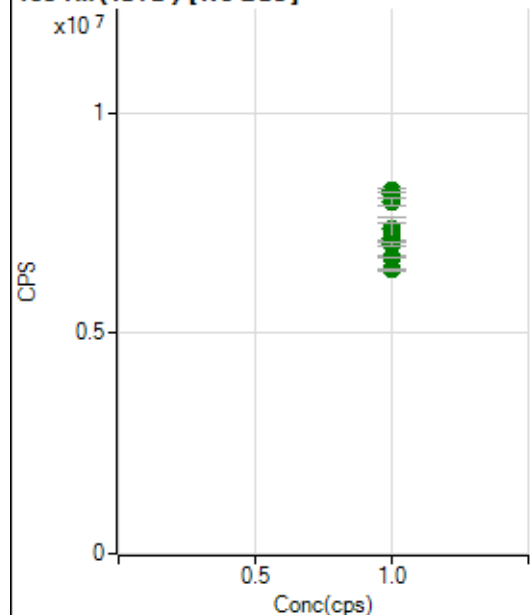
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		197522.14		P	0.4
2	☐	1.000		195435.59		P	1.1
3	☐	1.000		186410.83		P	1.2
4	☐	1.000		176701.31		P	1.0
5	☐	1.000		167032.37		P	1.4
6	☐	1.000		158329.97		P	0.9
7	☐	1.000		157074.34		P	0.7
8	☐	1.000		175963.84		P	1.2

89 Y (ISTD) [No Gas]

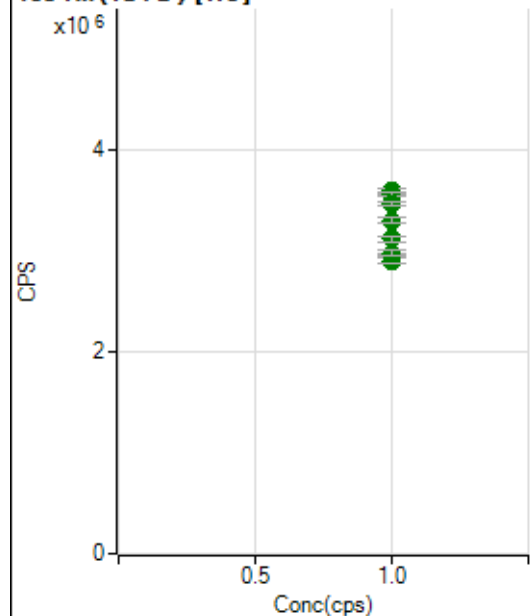
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12906812.03		A	1.3
2	☐	1.000		12930567.31		A	0.8
3	☐	1.000		12713751.89		A	0.2
4	☐	1.000		11808025.59		A	8.6
5	☐	1.000		11598978.30		A	10.9
6	☐	1.000		11384843.86		A	1.2
7	☐	1.000		11026299.00		A	1.7
8	☐	1.000		11093062.89		A	1.6

89 Y (ISTD) [He]

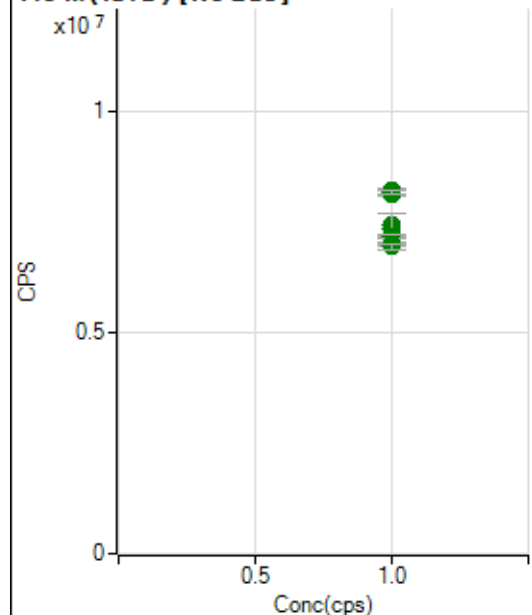
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1412669.20		M	0.9
2	☐	1.000		1423021.11		P	1.5
3	☐	1.000		1347984.09		P	0.8
4	☐	1.000		1296090.90		P	1.2
5	☐	1.000		1238606.81		P	0.5
6	☐	1.000		1167860.45		P	1.3
7	☐	1.000		1133477.36		P	0.5
8	☐	1.000		1282539.91		P	0.7

103 Rh (ISTD) [No Gas]

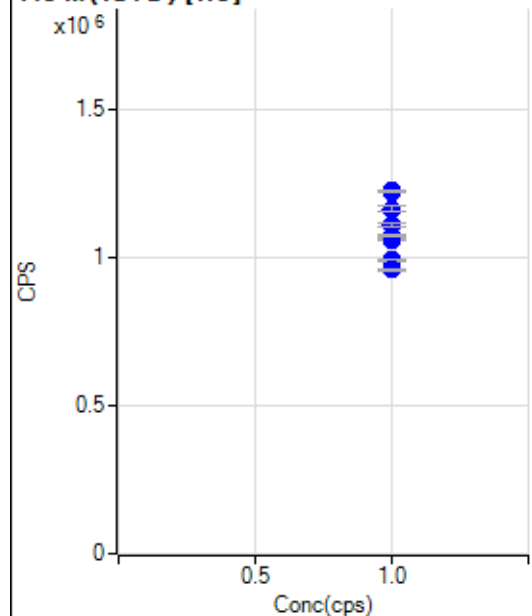
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8222796.89		A	0.9
2	☐	1.000		8131191.82		A	1.2
3	☐	1.000		7989668.35		A	2.2
4	☐	1.000		7366947.74		A	7.4
5	☐	1.000		7143835.38		A	10.4
6	☐	1.000		7008881.29		A	1.1
7	☐	1.000		6708779.69		A	0.3
8	☐	1.000		6435714.14		A	0.8

103 Rh (ISTD) [He]

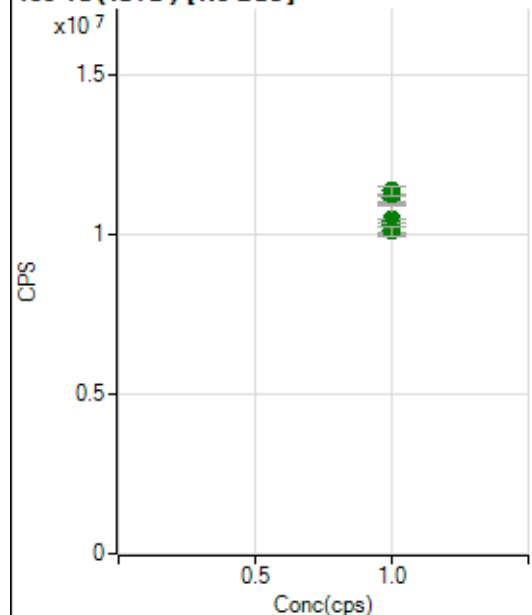
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3586604.81		A	1.5
2	☐	1.000		3550986.54		A	0.9
3	☐	1.000		3456407.27		A	1.0
4	☐	1.000		3293432.80		A	2.0
5	☐	1.000		3112943.88		A	1.9
6	☐	1.000		2941562.18		A	1.1
7	☐	1.000		2898551.97		A	2.0
8	☐	1.000		2969887.63		A	2.0

115 In (ISTD) [No Gas]

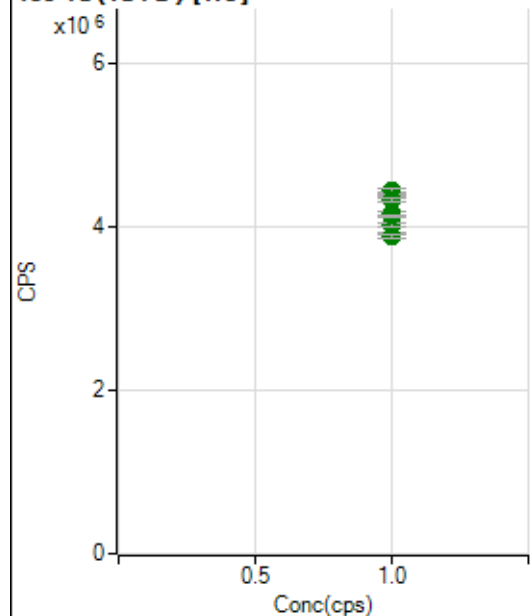
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8124408.08		A	1.7
2	☐	1.000		8190253.71		A	1.3
3	☐	1.000		8157127.08		A	0.7
4	☐	1.000		7414740.67		A	7.3
5	☐	1.000		7335932.53		A	9.0
6	☐	1.000		7149855.57		A	1.4
7	☐	1.000		6987476.18		A	0.9
8	☐	1.000		6926552.12		A	1.8

115 In (ISTD) [He]

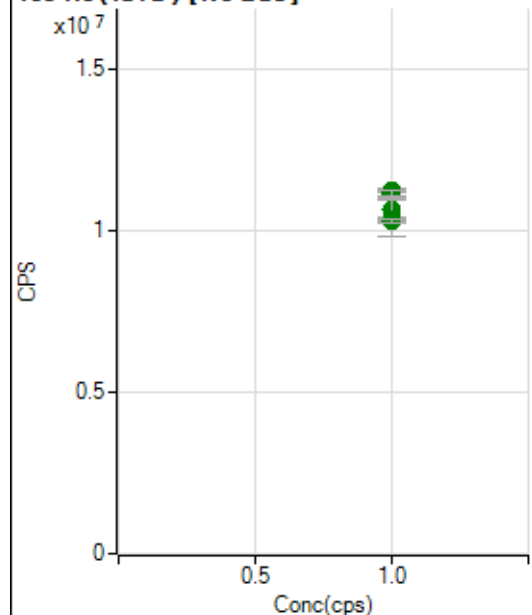
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1223537.65		P	0.5
2	☐	1.000		1221554.31		P	0.5
3	☐	1.000		1163801.64		P	1.2
4	☐	1.000		1110803.17		P	1.0
5	☐	1.000		1059417.10		P	1.0
6	☐	1.000		989745.48		P	0.3
7	☐	1.000		956827.24		P	0.8
8	☐	1.000		1071764.62		P	0.7

159 Tb (ISTD) [No Gas]

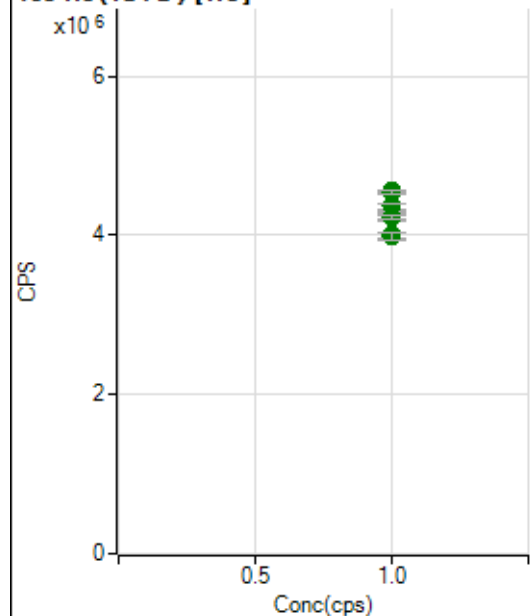
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11137426.50		A	1.5
2	☐	1.000		11256242.61		A	0.9
3	☐	1.000		11377113.44		A	2.5
4	☐	1.000		10484041.03		A	8.2
5	☐	1.000		10499054.84		A	9.4
6	☐	1.000		10423496.93		A	1.2
7	☐	1.000		10297953.60		A	1.3
8	☐	1.000		10105936.86		A	2.8

159 Tb (ISTD) [He]

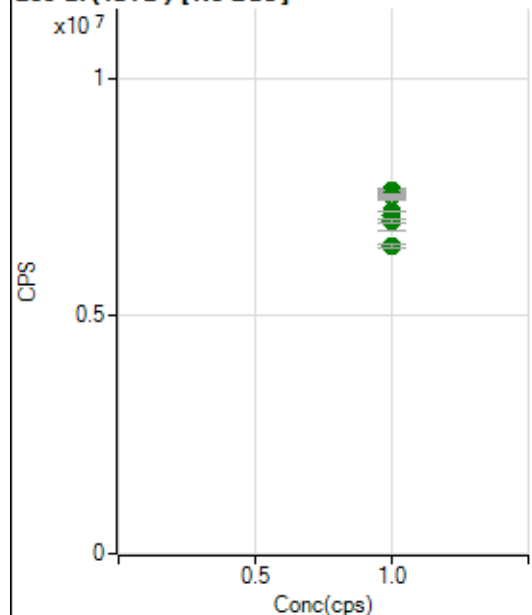
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4404606.91		A	1.3
2	☐	1.000		4438750.07		A	1.4
3	☐	1.000		4322816.98		A	1.1
4	☐	1.000		4162034.90		A	1.1
5	☐	1.000		4022275.18		A	1.0
6	☐	1.000		3892959.87		A	2.1
7	☐	1.000		3876858.52		A	1.1
8	☐	1.000		4133907.78		A	0.7

165 Ho (ISTD) [No Gas]

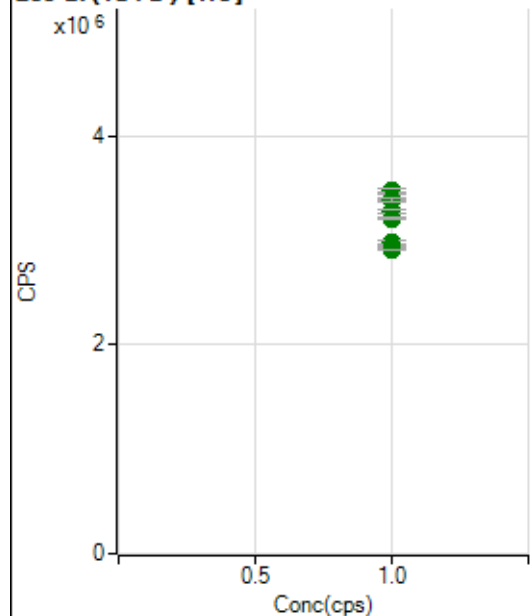
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11220098.44		A	0.6
2	☐	1.000		11146003.72		A	3.0
3	☐	1.000		11161559.42		A	1.4
4	☐	1.000		10617268.52		A	6.7
5	☐	1.000		10404748.39		A	11.7
6	☐	1.000		10330733.25		A	1.8
7	☐	1.000		10376219.78		A	0.5
8	☐	1.000		10287634.01		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4558448.23		A	0.3
2	☐	1.000		4545364.20		A	1.2
3	☐	1.000		4361867.23		A	2.0
4	☐	1.000		4273843.79		A	0.6
5	☐	1.000		4243642.71		A	2.6
6	☐	1.000		4001954.07		A	1.5
7	☐	1.000		3988402.02		A	2.5
8	☐	1.000		4227892.61		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7599081.41		A	2.0
2	☐	1.000		7623368.91		A	0.4
3	☐	1.000		7522570.58		A	0.4
4	☐	1.000		7196710.03		A	7.2
5	☐	1.000		7101618.85		A	9.3
6	☐	1.000		7194846.70		A	0.2
7	☐	1.000		6998051.98		A	1.1
8	☐	1.000		6461174.56		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3473698.42		A	1.2
2	☐	1.000		3413894.05		A	1.7
3	☐	1.000		3389898.70		A	1.4
4	☐	1.000		3273772.35		A	1.2
5	☐	1.000		3212174.29		A	0.8
6	☐	1.000		2990598.57		A	1.2
7	☐	1.000		2937305.55		A	1.0
8	☐	1.000		2907331.07		A	0.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8121123MS.b

Acq. Date-Time 2023-12-11 10:41:56

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		12660	126601.95			1.366	5.000
24		97325	973251.51			1.064	5.000
25		13217	132166.78			1.222	5.000
26		15321	153208.66			1.288	5.000
59		99055	990545.63			0.909	5.000
113		11095	110954.49			0.991	5.000
115		136291	1362910.19			1.590	5.000
206		38031	380312.37			1.539	5.000
207		33684	336842.60			1.356	5.000
208		83254	832536.93			1.698	5.000
220		0	1.60			67.749	

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

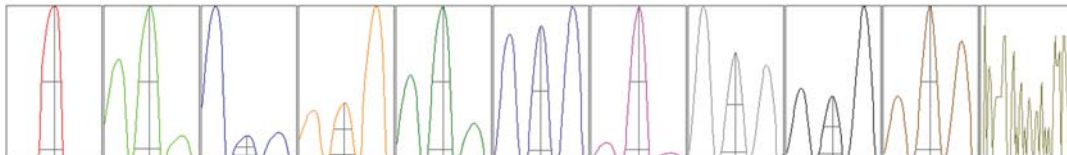
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12926	12685	12467	12667	12556
24	98857	97744	97019	96905	96102
25	13397	13308	12995	13273	13110
26	15618	15398	15114	15284	15190
59	99845	99703	97573	99061	99091
113	11064	11174	10917	11141	11181
115	138050	137988	132980	137176	135261
206	38005	37723	37292	38293	38843
207	33513	33353	33215	34124	34216
208	82980	82311	81579	84551	84848

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	21800.96	9.05	8.90 - 9.10	
24	169654.42	23.95	23.90 - 24.10	
25	23391.15	24.95	24.90 - 25.10	
26	27393.28	25.95	25.90 - 26.10	
59	183256.28	59.00	58.90 - 59.10	
113	22833.74	113.00	112.90 - 113.10	
115	276875.08	115.05	114.90 - 115.10	
206	77574.79	206.00	205.90 - 206.10	
207	67865.57	207.00	206.90 - 207.10	
208	168299.50	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.740	0.900	
24	0.60	0.822	0.900	
25	0.60	0.764	0.900	
26	0.59	0.792	0.900	
59	0.56	0.775	0.900	
113	0.50	0.725	0.900	
115	0.50	0.755	0.900	
206	0.50	0.793	0.900	
207	0.51	0.751	0.900	
208	0.51	0.804	0.900	
220				

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	10.9 V	Deflect	14.2 V
Extract 2	-225.0 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	170 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.6 mm
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EM

Discriminator	4.5 mV	Analog HV	2303 V	Pulse HV	1664 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		21786	217863.96			3.998	
89		14924	149237.76			4.711	
205		24777	247771.84			3.098	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22000	22284	20243	22284	22121
89	14916	15140	13791	15054	15717
205	25044	25291	23417	25098	25036

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	10.9 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-225.0 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	124	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.6 mm
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EM

Discriminator	4.5 mV	Analog HV	2303 V	Pulse HV	1664 V
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LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.45	-0.32	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-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	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	0.33	1.04	-1.37	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.77	0.91	-0.14	0.00	N/A	ppb
Calcium	44-1	1.02	-1.25	0.23	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.02	0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.40	-0.09	-0.31	0.00	N/A	ppb
Iron	56-2	0.03	-0.02	0.00	0.00	N/A	ppb
Iron	57-2	-0.03	0.15	-0.12	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.12	0.16	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-17.96	-15.26	-4.00	-12.41		ppb
Potassium	39-2	3.27	-2.69	-0.58	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.24	0.05	0.19	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	-0.46	0.38	0.00	N/A	ppb
Silicon	28-1	0.04	-0.06	0.02	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	-0.53	0.02	0.51	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	46.52	-386.29	-169.59	-169.79		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	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	0.15	-0.25	0.10	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	0.00	0.00	N/A	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.33	19.65	19.70	19.23	4.04	ppb
Antimony	121-1	1.88	2.02	1.93	1.94	3.71	ppb
Arsenic	75-2	1.11	0.91	0.94	0.99	10.81	ppb
Barium	135-1	9.62	9.66	9.65	9.64	0.25	ppb
Barium	137-1	9.67	9.65	9.89	9.73	1.39	ppb
Beryllium	9-1	0.99	0.99	0.99	0.99	0.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.28	1.30	0.90	1.16	19.48	ppb
Cadmium	106-1	1.29	1.04	1.00	1.11	14.55	ppb
Cadmium	111-1	1.06	1.01	1.09	1.05	4.21	ppb
Calcium	43-1	495.67	504.00	517.10	505.59	2.14	ppb
Calcium	44-1	487.57	493.55	490.02	490.38	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.85	1.76	1.80	2.65	ppb
Cobalt	59-2	0.98	0.97	1.01	0.99	2.11	ppb
Copper	63-2	1.88	1.90	1.89	1.89	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	49.48	52.00	51.85	51.11	2.76	ppb
Iron	56-2	50.39	50.23	50.55	50.39	0.31	ppb
Iron	57-2	55.75	48.81	50.17	51.57	7.13	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.93	0.91	0.90	3.73	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.88	0.87	0.96	0.90	5.43	ppb
Lead	208-1	0.87	0.90	0.91	0.89	2.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	492.51	493.52	500.06	495.36	0.83	ppb
Manganese	55-2	0.90	0.94	0.97	0.94	3.56	ppb
Molybdenum	94-1	5.20	5.39	5.26	5.28	1.81	ppb
Molybdenum	95-1	4.50	4.51	4.44	4.48	0.85	ppb
Molybdenum	96-1	4.31	4.59	4.47	4.46	3.13	ppb
Molybdenum	97-1	4.46	4.55	4.53	4.52	1.00	ppb
Molybdenum	98-1	4.47	4.50	4.41	4.46	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.84	0.83	0.88	8.53	ppb
Phosphorus	31-2	8.26	15.70	13.26	12.41	30.54	ppb
Potassium	39-2	484.85	475.11	481.57	480.51	1.03	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.64	4.61	5.11	4.78	5.96	ppb
Selenium	77-2	6.31	5.40	11.10	7.60	40.27	ppb
Selenium	78-2	3.87	5.20	4.56	4.54	14.68	ppb
Silicon	28-1	0.56	0.55	0.54	0.55	1.57	ppb
Silver	107-1	0.94	0.99	0.99	0.97	2.63	ppb
Silver	109-1	0.94	0.99	1.01	0.98	3.76	ppb
Sodium	23-2	484.08	481.27	489.52	484.96	0.86	ppb
Strontium	86-1	0.89	0.90	0.85	0.88	2.90	ppb
Strontium	88-1	0.93	0.93	0.91	0.92	1.07	ppb
Sulfur	34-1	77.05	273.37	158.94	169.79	58.08	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.85	0.94	0.89	5.31	ppb
Thallium	205-1	0.90	0.88	0.94	0.91	3.21	ppb
Tin	118-1	4.75	4.98	4.96	4.90	2.53	ppb
Titanium	47-1	4.86	5.11	4.86	4.95	2.91	ppb
Uranium	238-1	0.85	0.85	0.87	0.86	1.65	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.59	4.98	4.88	4.82	4.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	5.21	4.90	5.09	5.07	3.01	ppb
Zirconium	90-1	0.92	0.93	0.91	0.92	1.39	ppb
Zirconium	91-1	0.93	0.90	0.88	0.90	2.51	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1059.98	1053.95	1042.49	1052.14	0.84	ppb
Antimony	121-1	52.78	50.14	51.12	51.35	2.60	ppb
Arsenic	75-2	49.51	51.60	50.58	50.56	2.07	ppb
Barium	135-1	264.75	251.82	257.88	258.15	2.51	ppb
Barium	137-1	266.63	250.95	261.85	259.81	3.09	ppb
Beryllium	9-1	52.35	51.79	52.00	52.05	0.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	53.80	51.78	52.04	52.54	2.09	ppb
Cadmium	106-1	56.14	50.59	51.43	52.72	5.68	ppb
Cadmium	111-1	53.34	51.18	53.14	52.55	2.27	ppb
Calcium	43-1	6138.97	6107.86	6015.44	6087.42	1.06	ppb
Calcium	44-1	5737.50	5756.68	5656.36	5716.85	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.65	50.38	50.46	50.49	0.28	ppb
Cobalt	59-2	51.03	51.73	51.37	51.38	0.67	ppb
Copper	63-2	518.95	530.55	524.17	524.56	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	2733.62	2721.46	2712.02	2722.37	0.40	ppb
Iron	56-2	2713.20	2678.99	2637.96	2676.72	1.41	ppb
Iron	57-2	2653.75	2658.51	2649.00	2653.75	0.18	ppb
Krypton	83-1						cps
Lead	206-1	251.73	248.30	252.96	250.99	0.96	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	254.41	252.00	254.95	253.79	0.62	ppb
Lead	208-1	255.03	253.60	255.11	254.58	0.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	5289.52	5378.88	5340.66	5336.35	0.84	ppb
Manganese	55-2	514.45	511.17	509.61	511.74	0.48	ppb
Molybdenum	94-1	512.04	507.85	505.88	508.59	0.62	ppb
Molybdenum	95-1	509.65	497.40	502.54	503.20	1.22	ppb
Molybdenum	96-1	515.03	495.58	507.13	505.92	1.93	ppb
Molybdenum	97-1	521.79	515.91	515.74	517.82	0.67	ppb
Molybdenum	98-1	510.22	508.32	508.35	508.97	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.75	53.15	52.30	52.40	1.35	ppb
Phosphorus	31-2	993.75	1018.89	1021.82	1011.49	1.53	ppb
Potassium	39-2	2582.90	2624.94	2569.46	2592.43	1.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	52.22	53.51	51.04	52.26	2.37	ppb
Selenium	77-2	60.95	58.09	49.78	56.27	10.32	ppb
Selenium	78-2	53.18	46.23	50.29	49.90	7.01	ppb
Silicon	28-1	54.80	53.79	53.42	54.00	1.32	ppb
Silver	107-1	55.08	52.55	53.78	53.80	2.35	ppb
Silver	109-1	55.81	52.25	54.17	54.08	3.29	ppb
Sodium	23-2	5285.39	5351.54	5241.77	5292.90	1.04	ppb
Strontium	86-1	1272.35	1263.81	1256.59	1264.25	0.62	ppb
Strontium	88-1	1270.20	1220.37	1260.64	1250.40	2.11	ppb
Sulfur	34-1	1331.16	1411.67	1235.76	1326.20	6.64	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	51.05	49.69	50.83	50.53	1.45	ppb
Thallium	205-1	51.26	50.38	50.75	50.79	0.87	ppb
Tin	118-1	53.44	51.38	52.30	52.37	1.97	ppb
Titanium	47-1	511.28	519.92	508.99	513.40	1.12	ppb
Uranium	238-1	48.45	48.19	48.74	48.46	0.57	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.20	50.68	50.52	50.47	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	521.27	518.44	516.48	518.73	0.46	ppb
Zirconium	90-1	51.14	50.52	50.41	50.69	0.78	ppb
Zirconium	91-1	50.35	50.43	49.35	50.04	1.20	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2643.70	2644.24	2663.06	2650.34	0.42	ppb
Antimony	121-1	130.68	152.33	129.39	137.47	9.37	ppb
Arsenic	75-2	124.38	128.19	128.43	127.00	1.79	ppb
Barium	135-1	651.40	755.33	653.04	686.59	8.67	ppb
Barium	137-1	640.80	772.00	655.26	689.35	10.44	ppb
Beryllium	9-1	131.85	154.52	135.28	140.55	8.69	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	132.17	158.93	133.94	141.68	10.56	ppb
Cadmium	106-1	132.15	156.36	132.69	140.40	9.85	ppb
Cadmium	111-1	132.18	154.91	130.97	139.35	9.68	ppb
Calcium	43-1	15168.68	17386.32	15206.01	15920.34	7.98	ppb
Calcium	44-1	14333.01	16489.76	14409.21	15077.32	8.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.28	128.09	126.19	126.85	0.84	ppb
Cobalt	59-2	127.45	130.29	128.69	128.81	1.11	ppb
Copper	63-2	1306.91	1328.71	1322.04	1319.22	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				95		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	54-2	6843.85	6866.73	6835.33	6848.64	0.24	ppb
Iron	56-2	6628.54	6794.37	6690.58	6704.50	1.25	ppb
Iron	57-2	6708.71	6747.55	6761.82	6739.36	0.41	ppb
Krypton	83-1						cps
Lead	206-1	635.76	733.39	644.89	671.34	8.03	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	633.42	745.57	651.95	676.98	8.88	ppb
Lead	208-1	624.67	736.71	642.75	668.04	9.00	ppb
Lithium	6-1				89		%
Magnesium	24-2	13278.13	13479.35	13462.85	13406.78	0.83	ppb
Manganese	55-2	1286.74	1317.17	1278.56	1294.16	1.57	ppb
Molybdenum	94-1	1252.69	1446.15	1223.69	1307.51	9.25	ppb
Molybdenum	95-1	1263.00	1474.39	1241.24	1326.21	9.71	ppb
Molybdenum	96-1	1235.08	1478.29	1222.57	1311.98	10.99	ppb
Molybdenum	97-1	1251.69	1455.33	1218.74	1308.59	9.79	ppb
Molybdenum	98-1	1254.98	1449.70	1243.15	1315.94	8.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.38	133.31	131.62	131.77	1.12	ppb
Phosphorus	31-2	2655.62	2601.05	2606.57	2621.08	1.15	ppb
Potassium	39-2	6535.76	6560.54	6545.19	6547.16	0.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	130.61	150.95	135.85	139.14	7.59	ppb
Selenium	77-2	140.77	121.18	157.15	139.70	12.89	ppb
Selenium	78-2	132.94	141.61	134.27	136.27	3.42	ppb
Silicon	28-1	133.04	152.74	131.61	139.13	8.49	ppb
Silver	107-1	134.63	156.10	133.46	141.40	9.01	ppb
Silver	109-1	135.60	156.56	134.15	142.10	8.82	ppb
Sodium	23-2	12985.68	13105.91	13233.96	13108.52	0.95	ppb
Strontium	86-1	3075.44	3786.47	3152.76	3338.22	11.69	ppb
Strontium	88-1	3067.75	3696.57	3065.76	3276.69	11.10	ppb
Sulfur	34-1	2502.36	4150.61	2596.69	3083.22	30.02	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	123.14	144.50	125.77	131.13	8.88	ppb
Thallium	205-1	126.45	149.78	127.31	134.51	9.83	ppb
Tin	118-1	130.73	154.21	130.91	138.62	9.74	ppb
Titanium	47-1	1260.93	1463.81	1274.53	1333.09	8.51	ppb
Uranium	238-1	121.19	142.22	124.81	129.41	8.69	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	126.65	127.65	127.11	127.14	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	1296.13	1307.86	1303.78	1302.59	0.46	ppb
Zirconium	90-1	126.21	150.49	124.67	133.79	10.83	ppb
Zirconium	91-1	122.43	146.17	123.65	130.75	10.22	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5303.90	5279.88	5307.91	5297.23	0.29	ppb
Antimony	121-1	288.38	239.99	256.69	261.69	9.39	ppb
Arsenic	75-2	251.02	248.31	248.73	249.35	0.59	ppb
Barium	135-1	1498.74	1186.22	1316.10	1333.69	11.77	ppb
Barium	137-1	1505.28	1210.94	1265.97	1327.39	11.79	ppb
Beryllium	9-1	291.20	247.71	256.85	265.25	8.65	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	301.86	243.85	260.55	268.76	11.11	ppb
Cadmium	106-1	298.38	247.69	258.72	268.27	9.94	ppb
Cadmium	111-1	294.35	241.50	262.91	266.25	9.98	ppb
Calcium	43-1	34083.30	28651.61	30740.02	31158.31	8.79	ppb
Calcium	44-1	32231.31	26669.49	28292.29	29064.36	9.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.93	253.70	256.34	254.65	0.57	ppb
Cobalt	59-2	257.33	257.83	259.39	258.18	0.42	ppb
Copper	63-2	2610.74	2583.64	2622.14	2605.51	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	54-2	13705.24	13601.99	13805.39	13704.20	0.74	ppb
Iron	56-2	13637.57	13171.49	13669.11	13492.72	2.07	ppb
Iron	57-2	13515.23	13514.62	13743.81	13591.22	0.97	ppb
Krypton	83-1						cps
Lead	206-1	1440.94	1191.09	1271.24	1301.09	9.81	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1462.18	1197.02	1243.34	1300.85	10.89	ppb
Lead	208-1	1452.89	1194.04	1256.38	1301.10	10.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	26743.53	26791.75	26577.72	26704.33	0.42	ppb
Manganese	55-2	2658.04	2575.77	2595.91	2609.90	1.64	ppb
Molybdenum	94-1	2881.04	2327.64	2557.97	2588.88	10.74	ppb
Molybdenum	95-1	2945.57	2302.31	2525.50	2591.13	12.61	ppb
Molybdenum	96-1	2877.75	2308.84	2511.82	2566.14	11.24	ppb
Molybdenum	97-1	2877.92	2338.84	2546.74	2587.83	10.51	ppb
Molybdenum	98-1	2856.25	2358.29	2539.42	2584.65	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.15	259.74	261.73	261.21	0.49	ppb
Phosphorus	31-2	5146.67	5172.09	5177.44	5165.40	0.32	ppb
Potassium	39-2	13010.47	12920.79	13050.08	12993.78	0.51	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	300.22	239.15	259.32	266.23	11.69	ppb
Selenium	77-2	260.91	254.50	253.99	256.46	1.50	ppb
Selenium	78-2	256.32	249.18	256.51	254.00	1.65	ppb
Silicon	28-1	302.60	246.63	259.41	269.55	10.88	ppb
Silver	107-1	302.34	259.55	261.18	274.35	8.84	ppb
Silver	109-1	303.02	249.60	267.85	273.49	9.93	ppb
Sodium	23-2	26576.24	26792.91	26164.33	26511.16	1.20	ppb
Strontium	86-1	7341.09	5671.74	6330.79	6447.88	13.04	ppb
Strontium	88-1	7193.92	5743.75	6276.15	6404.61	11.45	ppb
Sulfur	34-1	7049.31	4233.36	5200.88	5494.51	26.04	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	282.41	243.72	255.41	260.52	7.62	ppb
Thallium	205-1	289.11	241.63	251.41	260.72	9.62	ppb
Tin	118-1	301.68	244.70	255.60	267.33	11.31	ppb
Titanium	47-1	2897.91	2415.21	2492.25	2601.79	9.97	ppb
Uranium	238-1	284.33	232.89	249.65	255.62	10.26	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	254.33	252.84	254.01	253.73	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	2626.76	2577.86	2655.83	2620.15	1.50	ppb
Zirconium	90-1	287.85	236.99	260.38	261.74	9.73	ppb
Zirconium	91-1	286.95	228.70	252.13	255.93	11.45	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10529.79	10599.26	10739.21	10622.75	1.00	ppb
Antimony	121-1	521.05	506.77	505.43	511.08	1.69	ppb
Arsenic	75-2	496.31	507.53	503.85	502.56	1.14	ppb
Barium	135-1	2633.66	2479.52	2582.01	2565.06	3.06	ppb
Barium	137-1	2595.67	2506.97	2531.84	2544.83	1.80	ppb
Beryllium	9-1	529.59	521.21	504.58	518.46	2.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	528.57	506.49	513.26	516.11	2.19	ppb
Cadmium	106-1	525.43	513.30	511.54	516.75	1.46	ppb
Cadmium	111-1	517.39	509.85	513.14	513.46	0.74	ppb
Calcium	43-1	60844.94	60502.95	60726.77	60691.55	0.29	ppb
Calcium	44-1	56753.48	56108.85	56820.78	56561.04	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.75	508.64	506.61	507.00	0.29	ppb
Cobalt	59-2	505.87	520.99	508.59	511.81	1.57	ppb
Copper	63-2	5122.87	5200.71	5134.27	5152.62	0.82	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				92		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				81		%
Iron	54-2	27337.89	27916.72	27327.00	27527.20	1.23	ppb
Iron	56-2	26765.16	26698.56	27029.78	26831.16	0.65	ppb
Iron	57-2	26948.94	26791.48	26841.18	26860.53	0.30	ppb
Krypton	83-1						cps
Lead	206-1	2503.78	2452.33	2486.97	2481.03	1.06	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2540.55	2450.70	2471.45	2487.57	1.89	ppb
Lead	208-1	2516.12	2480.75	2489.19	2495.35	0.74	ppb
Lithium	6-1				85		%
Magnesium	24-2	52766.74	54231.58	55039.93	54012.75	2.13	ppb
Manganese	55-2	5029.63	5146.55	5242.50	5139.56	2.07	ppb
Molybdenum	94-1	4997.78	4988.67	5033.49	5006.65	0.47	ppb
Molybdenum	95-1	4988.76	4943.06	4982.17	4971.33	0.50	ppb
Molybdenum	96-1	4997.56	4930.59	5044.18	4990.78	1.14	ppb
Molybdenum	97-1	5078.27	4955.78	5049.99	5028.01	1.28	ppb
Molybdenum	98-1	4987.96	4898.41	5053.04	4979.80	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.59	511.79	516.03	511.14	1.03	ppb
Phosphorus	31-2	10240.50	10039.95	10010.79	10097.08	1.24	ppb
Potassium	39-2	25429.78	26143.10	25736.41	25769.76	1.39	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				80		%
Selenium	82-1	503.03	502.98	521.10	509.04	2.05	ppb
Selenium	77-2	531.33	499.85	495.17	508.78	3.87	ppb
Selenium	78-2	486.75	502.40	517.23	502.13	3.03	ppb
Silicon	28-1	516.55	528.38	509.35	518.09	1.85	ppb
Silver	107-1	526.70	512.30	517.79	518.93	1.40	ppb
Silver	109-1	517.94	508.62	516.46	514.34	0.97	ppb
Sodium	23-2	52581.88	53937.58	53838.17	53452.54	1.41	ppb
Strontium	86-1	12338.08	12390.06	12769.78	12499.31	1.89	ppb
Strontium	88-1	12457.19	12576.20	12600.01	12544.46	0.61	ppb
Sulfur	34-1	10174.65	9953.40	10154.63	10094.23	1.21	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	506.79	506.60	510.03	507.81	0.38	ppb
Thallium	205-1	498.78	493.19	503.11	498.36	1.00	ppb
Tin	118-1	515.88	514.57	518.68	516.38	0.41	ppb
Titanium	47-1	5049.66	5124.07	5082.07	5085.27	0.73	ppb
Uranium	238-1	493.53	493.02	498.49	495.02	0.61	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.78	505.33	509.34	506.49	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				83		%
Zinc	66-2	5098.67	5179.23	5109.85	5129.25	0.85	ppb
Zirconium	90-1	500.70	499.20	511.52	503.81	1.33	ppb
Zirconium	91-1	500.88	495.39	504.93	500.40	0.96	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20921.30	20559.14	20573.96	20684.80	0.99	ppb
Antimony	121-1	978.36	977.96	1013.42	989.91	2.06	ppb
Arsenic	75-2	1002.49	1002.38	990.93	998.60	0.67	ppb
Barium	135-1	4856.28	4976.52	4982.52	4938.44	1.44	ppb
Barium	137-1	4953.64	4926.88	4968.59	4949.70	0.43	ppb
Beryllium	9-1	997.99	1009.06	947.68	984.91	3.32	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	970.41	974.50	1010.22	985.05	2.22	ppb
Cadmium	106-1	977.75	989.10	988.13	984.99	0.64	ppb
Cadmium	111-1	972.52	981.60	1007.73	987.28	1.85	ppb
Calcium	43-1	119504.65	125601.03	120725.42	121943.70	2.65	ppb
Calcium	44-1	109771.23	115092.51	111674.76	112179.50	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011.16	979.25	994.84	995.08	1.60	ppb
Cobalt	59-2	978.88	987.98	1007.65	991.50	1.48	ppb
Copper	63-2	9962.01	9935.64	9764.66	9887.43	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				87		%
Indium	115-1				86		%
Indium	115-2				78		%
Iron	54-2	53485.71	52309.39	53020.81	52938.64	1.12	ppb
Iron	56-2	52116.77	52121.43	51655.55	51964.58	0.52	ppb
Iron	57-2	52478.97	52811.71	52724.41	52671.70	0.33	ppb
Krypton	83-1						cps
Lead	206-1	4953.19	4979.83	5039.60	4990.87	0.89	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4928.93	5003.69	5027.83	4986.82	1.03	ppb
Lead	208-1	4952.04	5013.13	4986.65	4983.94	0.61	ppb
Lithium	6-1				82		%
Magnesium	24-2	104541.65	104404.47	104623.49	104523.20	0.11	ppb
Manganese	55-2	9941.98	9948.85	9799.08	9896.64	0.85	ppb
Molybdenum	94-1	9767.17	9787.07	10346.27	9966.84	3.30	ppb
Molybdenum	95-1	9972.08	9736.74	10236.77	9981.87	2.51	ppb
Molybdenum	96-1	10018.78	9685.08	10236.25	9980.04	2.78	ppb
Molybdenum	97-1	9918.42	9743.41	10205.64	9955.82	2.34	ppb
Molybdenum	98-1	10012.26	9795.48	10132.99	9980.24	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.91	986.20	986.88	990.66	0.72	ppb
Phosphorus	31-2	20000.71	19980.98	19701.52	19894.40	0.84	ppb
Potassium	39-2	51053.30	50062.08	49145.12	50086.83	1.91	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	82-1	962.37	990.61	1015.65	989.54	2.69	ppb
Selenium	77-2	977.82	1006.04	991.63	991.83	1.42	ppb
Selenium	78-2	1020.09	1014.36	955.15	996.53	3.61	ppb
Silicon	28-1	990.58	994.83	967.17	984.19	1.51	ppb
Silver	107-1	964.68	996.80	985.14	982.21	1.66	ppb
Silver	109-1	963.27	985.04	1005.54	984.62	2.15	ppb
Sodium	23-2	104537.81	105205.24	103449.52	104397.52	0.85	ppb
Strontium	86-1	24904.95	24395.25	25424.53	24908.24	2.07	ppb
Strontium	88-1	25091.95	24285.21	25336.40	24904.52	2.21	ppb
Sulfur	34-1	19898.75	20062.20	19259.19	19740.05	2.15	ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	996.96	982.41	998.65	992.67	0.90	ppb
Thallium	205-1	996.33	995.41	998.99	996.91	0.19	ppb
Tin	118-1	985.64	954.68	1016.66	985.66	3.14	ppb
Titanium	47-1	9996.26	9964.08	9802.25	9920.86	1.05	ppb
Uranium	238-1	996.08	992.86	1012.90	1000.61	1.08	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1010.15	998.90	977.56	995.54	1.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				85		%
Yttrium	89-2				80		%
Zinc	66-2	9965.16	9885.54	9842.79	9897.83	0.63	ppb
Zirconium	90-1	976.53	992.89	1012.66	994.03	1.82	ppb
Zirconium	91-1	980.67	991.21	1020.91	997.60	2.09	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99134.03	100299.79	99911.05	99781.62	0.59	ppb
Antimony	121-1	0.66	0.80	0.88	0.78	14.04	ppb
Arsenic	75-2	0.64	0.70	0.37	0.57	30.54	ppb
Barium	135-1	2.51	2.66	2.77	2.65	5.02	ppb
Barium	137-1	2.58	2.81	2.71	2.70	4.31	ppb
Beryllium	9-1	0.13	0.14	0.11	0.13	12.57	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	0.87	0.62	0.78	0.76	16.41	ppb
Cadmium	106-1	-0.76	-0.51	-0.83	-0.70		ppb
Cadmium	111-1	0.46	0.61	0.58	0.55	14.23	ppb
Calcium	43-1	476696.18	511931.01	493786.21	494137.80	3.57	ppb
Calcium	44-1	471806.44	516378.90	501714.22	496633.19	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.11	5.17	4.81	5.03	3.80	ppb
Cobalt	59-2	2.54	2.59	2.55	2.56	1.07	ppb
Copper	63-2	1.95	2.34	1.89	2.06	11.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				88		%
Iron	54-2	247329.13	251802.59	248114.73	249082.15	0.96	ppb
Iron	56-2	247225.43	248761.07	252097.10	249361.20	1.00	ppb
Iron	57-2	249374.62	250361.61	247897.59	249211.27	0.50	ppb
Krypton	83-1						cps
Lead	206-1	2.54	3.10	2.60	2.75	11.31	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.52	3.01	2.66	2.73	9.28	ppb
Lead	208-1	2.49	2.99	2.60	2.69	9.78	ppb
Lithium	6-1				78		%
Magnesium	24-2	499366.54	501553.90	494828.07	498582.84	0.69	ppb
Manganese	55-2	5.31	5.44	5.35	5.37	1.30	ppb
Molybdenum	94-1	1.95	2.29	2.03	2.09	8.55	ppb
Molybdenum	95-1	1.50	2.02	1.69	1.73	15.15	ppb
Molybdenum	96-1	1.61	1.98	1.83	1.81	10.19	ppb
Molybdenum	97-1	1.56	2.04	1.68	1.76	14.17	ppb
Molybdenum	98-1	1.52	1.90	1.68	1.70	11.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.29	4.64	4.47	4.47	3.95	ppb
Phosphorus	31-2	-13.82	-7.77	6.80	-4.93		ppb
Potassium	39-2	245455.44	251137.37	253025.15	249872.65	1.58	ppb
Rhodium	103-1				78		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				89		%
Selenium	82-1	5.30	4.65	6.12	5.35	13.76	ppb
Selenium	77-2	4.06	7.07	3.00	4.71	44.83	ppb
Selenium	78-2	5.76	5.12	4.76	5.22	9.73	ppb
Silicon	28-1	4.33	4.23	3.69	4.08	8.39	ppb
Silver	107-1	0.17	0.20	0.21	0.19	11.26	ppb
Silver	109-1	0.18	0.20	0.19	0.19	5.22	ppb
Sodium	23-2	498902.91	500595.67	496546.08	498681.56	0.41	ppb
Strontium	86-1	2.11	2.73	2.32	2.39	13.30	ppb
Strontium	88-1	2.30	2.80	2.41	2.50	10.46	ppb
Sulfur	34-1	-746.51	-187.98	-19.11	-317.87		ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.43	0.54	0.38	0.45	17.76	ppb
Thallium	205-1	0.41	0.52	0.40	0.44	13.81	ppb
Tin	118-1	0.56	0.61	0.56	0.58	4.21	ppb
Titanium	47-1	1.57	1.73	1.53	1.61	6.76	ppb
Uranium	238-1	0.27	0.32	0.28	0.29	9.34	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.24	0.30	0.20	0.25	21.87	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	9.30	9.32	9.78	9.47	2.85	ppb
Zirconium	90-1	0.37	0.43	0.38	0.40	7.32	ppb
Zirconium	91-1	0.34	0.40	0.41	0.38	9.76	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : ICV66 Instrumnet Name : P8
 Client Sample ID : ICV66 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 13:45:50 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.06	497.91	504.59	498.52	1.16	ppb
Antimony	121-1	198.57	196.88	198.99	198.15	0.57	ppb
Arsenic	75-2	198.34	194.46	197.76	196.85	1.06	ppb
Barium	135-1	100.05	101.36	102.45	101.29	1.19	ppb
Barium	137-1	101.39	101.91	102.65	101.98	0.62	ppb
Beryllium	9-1	100.46	102.40	98.08	100.31	2.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	177.89	176.41	179.12	177.81	0.76	ppb
Cadmium	106-1	180.52	177.88	176.40	178.27	1.17	ppb
Cadmium	111-1	102.39	101.95	102.66	102.33	0.35	ppb
Calcium	43-1	2291.24	2222.42	2333.92	2282.52	2.46	ppb
Calcium	44-1	2159.08	2149.14	2177.17	2161.80	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.89	96.95	97.72	97.85	1.00	ppb
Cobalt	59-2	99.65	98.33	99.72	99.23	0.79	ppb
Copper	63-2	103.63	101.94	105.03	103.53	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	54-2	2118.12	2095.80	2107.60	2107.17	0.53	ppb
Iron	56-2	2090.10	2075.87	2075.02	2080.33	0.41	ppb
Iron	57-2	2031.62	2033.59	2035.76	2033.66	0.10	ppb
Krypton	83-1						cps
Lead	206-1	203.88	202.26	205.70	203.95	0.84	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICV66	Instrumnet Name :	P8
Client Sample ID :	ICV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:45:50	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	197.40	196.45	199.01	197.62	0.65	ppb
Lead	208-1	203.75	200.73	202.15	202.21	0.75	ppb
Lithium	6-1				88		%
Magnesium	24-2	1160.15	1134.97	1160.79	1151.97	1.28	ppb
Manganese	55-2	99.24	96.98	98.64	98.29	1.19	ppb
Molybdenum	94-1	4700.76	4514.07	4712.59	4642.47	2.40	ppb
Molybdenum	95-1	4603.39	4557.68	4673.57	4611.55	1.27	ppb
Molybdenum	96-1	4548.02	4566.74	4676.73	4597.16	1.51	ppb
Molybdenum	97-1	4574.03	4528.25	4744.08	4615.45	2.46	ppb
Molybdenum	98-1	4494.97	4578.46	4791.42	4621.62	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.64	102.98	103.81	103.15	0.58	ppb
Phosphorus	31-2	-8.09	-21.54	-12.63	-14.09		ppb
Potassium	39-2	1933.60	1891.66	1907.94	1911.07	1.11	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	197.86	200.39	201.94	200.06	1.03	ppb
Selenium	77-2	210.07	187.38	198.94	198.80	5.71	ppb
Selenium	78-2	196.87	193.35	195.53	195.25	0.91	ppb
Silicon	28-1	42.74	41.22	43.44	42.47	2.67	ppb
Silver	107-1	50.30	50.39	51.19	50.63	0.97	ppb
Silver	109-1	50.49	51.09	51.23	50.94	0.78	ppb
Sodium	23-2	2006.91	1950.08	2006.23	1987.74	1.64	ppb
Strontium	86-1	497.43	496.13	499.26	497.60	0.32	ppb
Strontium	88-1	489.21	494.85	496.26	493.44	0.76	ppb
Sulfur	34-1	-955.04	-1257.11	-1093.91	-1102.02		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	215.43	212.47	212.10	213.34	0.86	ppb
Thallium	205-1	217.14	214.07	213.19	214.80	0.96	ppb
Tin	118-1	525.15	535.67	536.38	532.40	1.18	ppb
Titanium	47-1	5048.97	4928.52	5184.23	5053.91	2.53	ppb
Uranium	238-1	497.84	501.73	482.19	493.92	2.09	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICV66	Instrumnet Name :	P8
Client Sample ID :	ICV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:45:50	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	95.95	94.28	95.29	95.17	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	212.19	209.16	210.03	210.46	0.74	ppb
Zirconium	90-1	495.78	491.28	496.38	494.48	0.56	ppb
Zirconium	91-1	493.67	486.92	486.68	489.09	0.81	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.91	18.19	16.09	17.40	6.54	ppb
Antimony	121-1	2.06	2.08	2.04	2.06	1.06	ppb
Arsenic	75-2	0.74	1.11	1.02	0.96	20.00	ppb
Barium	135-1	10.07	9.96	9.98	10.00	0.58	ppb
Barium	137-1	10.11	9.99	10.03	10.04	0.63	ppb
Beryllium	9-1	1.05	1.05	1.06	1.05	0.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.14	1.28	1.17	1.20	6.06	ppb
Cadmium	106-1	-2.23	-1.47	-1.59	-1.76		ppb
Cadmium	111-1	0.96	0.97	1.04	0.99	4.76	ppb
Calcium	43-1	496.52	502.80	496.27	498.53	0.74	ppb
Calcium	44-1	521.31	530.09	516.69	522.69	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	2.05	1.87	1.93	5.35	ppb
Cobalt	59-2	1.03	0.97	0.98	0.99	3.01	ppb
Copper	63-2	1.98	2.07	1.84	1.96	5.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	51.88	51.37	53.26	52.17	1.87	ppb
Iron	56-2	52.32	52.18	49.72	51.41	2.84	ppb
Iron	57-2	53.55	53.54	49.29	52.13	4.71	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.94	0.99	0.95	3.88	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.92	0.93	0.96	0.94	2.08	ppb
Lead	208-1	0.92	0.93	0.96	0.94	2.39	ppb
Lithium	6-1				90		%
Magnesium	24-2	503.82	509.33	480.53	497.89	3.07	ppb
Manganese	55-2	1.10	1.13	0.94	1.06	9.66	ppb
Molybdenum	94-1	5.47	5.52	5.65	5.55	1.67	ppb
Molybdenum	95-1	4.73	4.57	4.91	4.74	3.62	ppb
Molybdenum	96-1	4.65	4.58	4.76	4.66	1.89	ppb
Molybdenum	97-1	4.52	4.67	4.63	4.61	1.59	ppb
Molybdenum	98-1	4.68	4.59	4.80	4.69	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.88	0.85	0.91	9.16	ppb
Phosphorus	31-2	30.69	16.01	36.94	27.88	38.54	ppb
Potassium	39-2	503.48	502.08	470.95	492.17	3.74	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	4.98	4.59	5.06	4.88	5.18	ppb
Selenium	77-2	1.95	10.63	5.65	6.08	71.66	ppb
Selenium	78-2	4.90	7.45	4.67	5.67	27.22	ppb
Silicon	28-1	0.90	0.88	0.72	0.84	11.66	ppb
Silver	107-1	1.04	1.03	1.03	1.03	0.51	ppb
Silver	109-1	1.00	1.01	1.06	1.03	3.35	ppb
Sodium	23-2	534.02	525.52	503.31	520.95	3.04	ppb
Strontium	86-1	0.97	0.89	0.95	0.94	4.49	ppb
Strontium	88-1	0.96	0.96	1.00	0.97	2.14	ppb
Sulfur	34-1	-466.82	-313.03	-604.88	-461.58		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.95	0.95	0.95	0.95	0.11	ppb
Thallium	205-1	0.93	0.94	0.99	0.95	3.75	ppb
Tin	118-1	5.02	5.04	5.12	5.06	1.11	ppb
Titanium	47-1	5.02	5.14	6.34	5.50	13.27	ppb
Uranium	238-1	0.88	0.88	0.91	0.89	2.04	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.91	4.75	4.72	4.79	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	4.80	5.86	4.42	5.03	14.91	ppb
Zirconium	90-1	0.96	0.95	1.00	0.97	2.33	ppb
Zirconium	91-1	0.96	0.88	0.95	0.93	4.45	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : ICB66 Instrumnet Name : P8
 Client Sample ID : ICB66 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 14:04:12 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.04	-0.29	-0.17		ppb
Antimony	121-1	0.10	0.01	0.02	0.04	113.00	ppb
Arsenic	75-2	0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.28	-0.01	-0.01	0.09	195.68	ppb
Barium	137-1	0.30	0.01	0.00	0.10	168.48	ppb
Beryllium	9-1	0.08	0.01	0.01	0.03	133.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.03	0.05	0.08	87.56	ppb
Cadmium	106-1	-2.14	-2.84	-2.64	-2.54		ppb
Cadmium	111-1	0.03	-0.03	-0.03	-0.01		ppb
Calcium	43-1	20.95	0.26	-0.64	6.86	178.10	ppb
Calcium	44-1	27.93	5.08	7.82	13.61	91.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.00	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.53	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	1431.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	0.59	-0.50	0.47	0.18	324.61	ppb
Iron	56-2	0.16	0.02	0.01	0.06	143.77	ppb
Iron	57-2	-0.08	-0.66	1.42	0.23	476.53	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.03	0.02	0.12	136.98	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICB66	Instrumnet Name :	P8
Client Sample ID :	ICB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:04:12	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.03	0.01	0.12	139.38	ppb
Lead	208-1	0.31	0.03	0.02	0.12	135.98	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.92	0.08	0.36	0.45	95.10	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	73.26	ppb
Molybdenum	94-1	0.61	0.03	0.03	0.22	148.32	ppb
Molybdenum	95-1	0.68	0.02	0.02	0.24	158.96	ppb
Molybdenum	96-1	0.64	0.01	0.01	0.22	167.22	ppb
Molybdenum	97-1	0.68	0.02	0.01	0.24	162.38	ppb
Molybdenum	98-1	0.75	0.01	0.01	0.25	167.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	1603.90	ppb
Phosphorus	31-2	-20.28	-13.92	-2.43	-12.21		ppb
Potassium	39-2	8.79	5.17	13.96	9.31	47.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.14	0.38	0.08	0.20	79.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.72	0.10	-0.08	-0.23		ppb
Silicon	28-1	0.18	0.05	0.08	0.10	60.11	ppb
Silver	107-1	0.05	0.00	0.01	0.02	141.97	ppb
Silver	109-1	0.07	0.00	0.00	0.02	165.20	ppb
Sodium	23-2	27.03	23.97	30.13	27.04	11.40	ppb
Strontium	86-1	0.79	-0.03	-0.05	0.24	203.09	ppb
Strontium	88-1	0.76	0.00	0.00	0.25	174.73	ppb
Sulfur	34-1	-433.64	-540.75	-253.76	-409.38		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.01	0.01	0.03	133.48	ppb
Thallium	205-1	0.11	0.01	0.01	0.04	126.41	ppb
Tin	118-1	0.13	0.01	-0.01	0.04	171.56	ppb
Titanium	47-1	1.22	0.08	0.00	0.43	158.16	ppb
Uranium	238-1	0.12	0.00	0.00	0.04	165.88	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICB66	Instrumnet Name :	P8
Client Sample ID :	ICB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:04:12	DataFile Name :	016CCBE.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				96		%
Yttrium	89-2				97		%
Zinc	66-2	-0.05	0.20	0.07	0.07	176.64	ppb
Zirconium	90-1	0.06	0.01	0.01	0.02	134.50	ppb
Zirconium	91-1	0.08	0.01	0.02	0.04	96.92	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95120.53	96640.97	96371.85	96044.45	0.84	ppb
Antimony	121-1	1.14	1.11	1.11	1.12	1.36	ppb
Arsenic	75-2	0.34	0.30	0.25	0.30	14.87	ppb
Barium	135-1	1.44	1.38	1.44	1.42	2.24	ppb
Barium	137-1	1.45	1.38	1.42	1.41	2.56	ppb
Beryllium	9-1	0.29	0.30	0.33	0.31	7.84	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	15.45	16.69	15.51	15.88	4.38	ppb
Cadmium	106-1	-5.24	-5.01	-3.65	-4.63		ppb
Cadmium	111-1	0.61	0.66	0.57	0.61	7.51	ppb
Calcium	43-1	100155.85	98584.19	97180.59	98640.21	1.51	ppb
Calcium	44-1	101422.24	98854.71	96763.97	99013.64	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.45	19.68	19.56	19.56	0.58	ppb
Cobalt	59-2	1.05	1.14	1.22	1.14	7.12	ppb
Copper	63-2	7.44	7.50	7.64	7.53	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	54-2	100558.93	99649.70	100958.63	100389.09	0.67	ppb
Iron	56-2	101289.20	101407.47	101206.81	101301.16	0.10	ppb
Iron	57-2	99389.08	104816.95	101378.86	101861.63	2.70	ppb
Krypton	83-1						cps
Lead	206-1	5.75	5.50	5.44	5.56	2.99	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.20	5.19	5.07	5.15	1.47	ppb
Lead	208-1	5.33	5.26	5.17	5.25	1.50	ppb
Lithium	6-1				85		%
Magnesium	24-2	94699.43	93377.19	95030.07	94368.90	0.93	ppb
Manganese	55-2	7.76	7.60	8.10	7.82	3.24	ppb
Molybdenum	94-1	1536.74	1558.47	1518.07	1537.76	1.31	ppb
Molybdenum	95-1	1836.42	1895.35	1802.08	1844.62	2.56	ppb
Molybdenum	96-1	1784.07	1846.82	1764.08	1798.32	2.40	ppb
Molybdenum	97-1	1886.85	1923.05	1837.17	1882.36	2.29	ppb
Molybdenum	98-1	1873.20	1906.96	1823.63	1867.93	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.59	5.66	5.32	5.52	3.24	ppb
Phosphorus	31-2	96535.39	98970.17	99023.93	98176.50	1.45	ppb
Potassium	39-2	95764.23	96393.28	97199.46	96452.32	0.75	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.09	0.35	-0.39	0.02	2283.40	ppb
Selenium	77-2	1.04	0.00	0.00	0.35	173.21	ppb
Selenium	78-2	0.31	-1.25	0.00	-0.31		ppb
Silicon	28-1	2.89	2.77	2.68	2.78	3.77	ppb
Silver	107-1	0.03	0.04	0.04	0.04	15.96	ppb
Silver	109-1	0.03	0.04	0.04	0.04	15.59	ppb
Sodium	23-2	99637.32	98477.06	100595.34	99569.91	1.07	ppb
Strontium	86-1	32.21	33.11	32.20	32.51	1.60	ppb
Strontium	88-1	33.39	32.99	32.73	33.04	1.01	ppb
Sulfur	34-1	73870.17	72422.37	71913.71	72735.42	1.40	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.23	0.28	0.25	0.25	9.64	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.78	ppb
Tin	118-1	0.14	0.15	0.19	0.16	16.66	ppb
Titanium	47-1	2084.96	2037.70	2018.06	2046.91	1.68	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.37	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.14	0.18	0.16	15.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	11.58	11.99	11.23	11.60	3.30	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	53.24	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	34.32	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSAB66	Instrumnet Name :	P8
Client Sample ID :	ICSAB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:15:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94460.18	95634.18	92539.94	94211.43	1.66	ppb
Antimony	121-1	21.14	20.97	20.71	20.94	1.03	ppb
Arsenic	75-2	19.42	19.98	18.95	19.45	2.66	ppb
Barium	135-1	21.93	21.88	20.80	21.54	2.98	ppb
Barium	137-1	22.17	21.63	21.29	21.70	2.05	ppb
Beryllium	9-1	20.21	19.60	20.65	20.15	2.61	ppb
Bismuth	209-1				93		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	38.50	38.45	35.74	37.57	4.20	ppb
Cadmium	106-1	24.59	23.50	19.70	22.60	11.38	ppb
Cadmium	111-1	20.14	19.89	19.85	19.96	0.78	ppb
Calcium	43-1	94846.69	95997.74	98589.34	96477.92	1.99	ppb
Calcium	44-1	96024.80	96647.57	98165.99	96946.12	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.53	38.35	38.35	38.41	0.28	ppb
Cobalt	59-2	20.15	20.64	20.19	20.33	1.34	ppb
Copper	63-2	26.66	26.85	26.41	26.64	0.82	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				96		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	54-2	98872.29	99426.06	98612.12	98970.16	0.42	ppb
Iron	56-2	101616.71	100547.86	98578.34	100247.63	1.54	ppb
Iron	57-2	101070.88	102518.39	98857.47	100815.58	1.83	ppb
Krypton	83-1						cps
Lead	206-1	29.05	29.32	29.44	29.27	0.68	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSAB66	Instrumnet Name :	P8
Client Sample ID :	ICSAB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:15:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	28.42	28.87	28.64	28.64	0.79	ppb
Lead	208-1	28.25	28.75	28.45	28.48	0.88	ppb
Lithium	6-1				88		%
Magnesium	24-2	94448.70	95884.15	92447.31	94260.05	1.83	ppb
Manganese	55-2	27.09	27.27	26.86	27.07	0.77	ppb
Molybdenum	94-1	1631.53	1617.45	1639.48	1629.49	0.68	ppb
Molybdenum	95-1	1837.87	1880.86	1868.80	1862.51	1.19	ppb
Molybdenum	96-1	1828.94	1848.89	1835.16	1837.66	0.56	ppb
Molybdenum	97-1	1865.22	1904.87	1883.56	1884.55	1.05	ppb
Molybdenum	98-1	1880.40	1919.06	1863.58	1887.68	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.09	24.33	24.33	24.58	1.80	ppb
Phosphorus	31-2	96900.50	98031.08	96816.38	97249.32	0.70	ppb
Potassium	39-2	94806.45	95373.11	94259.11	94812.89	0.59	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	20.35	19.57	19.16	19.70	3.07	ppb
Selenium	77-2	18.96	17.85	25.32	20.71	19.47	ppb
Selenium	78-2	12.39	18.66	21.30	17.45	26.24	ppb
Silicon	28-1	7.92	7.89	8.56	8.12	4.63	ppb
Silver	107-1	19.40	19.11	18.96	19.16	1.17	ppb
Silver	109-1	19.54	19.19	18.76	19.16	2.03	ppb
Sodium	23-2	99205.34	102044.77	95611.64	98953.92	3.26	ppb
Strontium	86-1	84.86	84.16	83.40	84.14	0.87	ppb
Strontium	88-1	85.00	84.76	85.66	85.14	0.55	ppb
Sulfur	34-1	70901.42	70998.75	73176.23	71692.13	1.79	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	21.62	21.42	21.53	21.52	0.47	ppb
Thallium	205-1	21.52	22.26	21.71	21.83	1.75	ppb
Tin	118-1	55.55	55.05	53.39	54.66	2.06	ppb
Titanium	47-1	2047.56	2067.44	2145.19	2086.73	2.47	ppb
Uranium	238-1	51.41	52.18	52.09	51.89	0.82	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSAB66	Instrumnet Name :	P8
Client Sample ID :	ICSAB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:15:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.68	19.15	19.06	19.30	1.74	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	29.67	30.39	30.02	30.03	1.19	ppb
Zirconium	90-1	53.44	53.41	52.49	53.11	1.02	ppb
Zirconium	91-1	52.18	51.46	51.57	51.74	0.76	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49764.39	49891.34	49983.38	49879.70	0.22	ppb
Antimony	121-1	516.90	505.13	490.53	504.18	2.62	ppb
Arsenic	75-2	496.88	500.23	506.76	501.29	1.00	ppb
Barium	135-1	2614.77	2526.09	2493.69	2544.85	2.46	ppb
Barium	137-1	2545.32	2539.95	2467.31	2517.53	1.73	ppb
Beryllium	9-1	511.61	510.18	531.53	517.77	2.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	518.06	509.42	489.48	505.66	2.90	ppb
Cadmium	106-1	510.78	505.18	487.02	501.00	2.48	ppb
Cadmium	111-1	517.23	508.16	494.49	506.63	2.26	ppb
Calcium	43-1	263128.63	264147.05	261392.01	262889.23	0.53	ppb
Calcium	44-1	264227.70	264458.28	259022.28	262569.42	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.25	482.68	491.75	482.89	1.81	ppb
Cobalt	59-2	499.31	481.64	491.64	490.86	1.80	ppb
Copper	63-2	4890.24	4791.73	4838.71	4840.23	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				95		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	54-2	127161.10	124868.30	127141.15	126390.18	1.04	ppb
Iron	56-2	126887.85	125457.59	128425.41	126923.62	1.17	ppb
Iron	57-2	126620.42	125492.36	125948.00	126020.26	0.45	ppb
Krypton	83-1						cps
Lead	206-1	2623.88	2542.98	2675.84	2614.23	2.56	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2585.35	2559.72	2618.06	2587.71	1.13	ppb
Lead	208-1	2591.85	2517.04	2637.40	2582.10	2.35	ppb
Lithium	6-1				83		%
Magnesium	24-2	255472.99	254698.55	255647.53	255273.02	0.20	ppb
Manganese	55-2	4930.28	4966.30	4955.22	4950.60	0.37	ppb
Molybdenum	94-1	4842.29	4934.55	4983.58	4920.14	1.46	ppb
Molybdenum	95-1	4962.67	4913.73	4985.40	4953.93	0.74	ppb
Molybdenum	96-1	5003.59	4901.27	4978.63	4961.17	1.08	ppb
Molybdenum	97-1	5016.64	4896.84	4943.38	4952.28	1.22	ppb
Molybdenum	98-1	4998.71	4881.15	5082.71	4987.52	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.81	487.37	495.72	491.30	0.85	ppb
Phosphorus	31-2	9705.75	9580.08	9824.90	9703.58	1.26	ppb
Potassium	39-2	119966.82	120821.00	123010.86	121266.22	1.29	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	493.42	493.28	491.28	492.66	0.24	ppb
Selenium	77-2	469.50	486.32	494.17	483.33	2.61	ppb
Selenium	78-2	510.29	488.77	493.17	497.41	2.29	ppb
Silicon	28-1	544.11	547.13	543.25	544.83	0.37	ppb
Silver	107-1	539.76	522.83	521.39	527.99	1.93	ppb
Silver	109-1	539.58	527.72	513.34	526.88	2.49	ppb
Sodium	23-2	248536.05	248198.44	254176.04	250303.51	1.34	ppb
Strontium	86-1	12387.44	12471.48	12687.73	12515.55	1.24	ppb
Strontium	88-1	12304.14	12398.11	12333.57	12345.27	0.39	ppb
Sulfur	34-1	9302.23	9764.02	9521.08	9529.11	2.42	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	523.96	512.25	556.24	530.82	4.29	ppb
Thallium	205-1	520.28	510.56	546.75	525.86	3.56	ppb
Tin	118-1	522.12	503.60	496.21	507.31	2.63	ppb
Titanium	47-1	4944.05	5150.37	5003.77	5032.73	2.11	ppb
Uranium	238-1	526.19	510.08	534.31	523.53	2.36	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	487.50	487.10	497.50	490.70	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	4810.99	4825.59	4901.27	4845.95	1.00	ppb
Zirconium	90-1	509.96	495.67	508.20	504.61	1.54	ppb
Zirconium	91-1	492.64	494.26	494.89	493.93	0.23	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.36	2.24	1.18	81.39	ppb
Antimony	121-1	0.03	0.06	0.06	0.05	36.88	ppb
Arsenic	75-2	0.01	0.01	0.07	0.03	124.02	ppb
Barium	135-1	-0.01	0.02	0.03	0.01	161.66	ppb
Barium	137-1	0.00	0.01	0.03	0.01	83.63	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	27.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.09	0.13	0.10	25.38	ppb
Cadmium	106-1	-2.32	-3.35	-2.80	-2.83		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	-1.55	0.92	0.67	0.01	9719.39	ppb
Calcium	44-1	23.45	34.17	19.51	25.71	29.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.05	0.03	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.08	0.03	123.83	ppb
Copper	63-2	0.14	0.11	0.67	0.31	102.85	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				96		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	1.15	0.89	30.32	10.78	156.88	ppb
Iron	56-2	1.10	2.17	48.41	17.22	156.80	ppb
Iron	57-2	3.32	2.66	45.17	17.05	142.84	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.12	0.13	1.34	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.16	0.11	0.14	15.91	ppb
Lead	208-1	0.13	0.14	0.12	0.13	6.77	ppb
Lithium	6-1				89		%
Magnesium	24-2	3.67	3.42	8.37	5.15	54.11	ppb
Manganese	55-2	0.09	0.09	0.87	0.35	129.17	ppb
Molybdenum	94-1	0.04	0.38	0.19	0.20	85.19	ppb
Molybdenum	95-1	0.04	0.42	0.24	0.23	81.70	ppb
Molybdenum	96-1	0.02	0.33	0.25	0.20	82.04	ppb
Molybdenum	97-1	0.03	0.26	0.29	0.20	71.72	ppb
Molybdenum	98-1	0.05	0.24	0.26	0.18	64.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.06	0.02	246.14	ppb
Phosphorus	31-2	-22.70	-16.15	-28.95	-22.60		ppb
Potassium	39-2	30.50	31.19	30.72	30.81	1.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.14	-0.07	-0.30	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	-0.35	0.84	-0.16		ppb
Silicon	28-1	0.02	0.36	-0.25	0.04	710.60	ppb
Silver	107-1	0.01	0.00	0.01	0.01	75.13	ppb
Silver	109-1	0.01	0.00	0.01	0.01	40.27	ppb
Sodium	23-2	72.30	68.26	74.03	71.53	4.14	ppb
Strontium	86-1	0.00	0.59	0.00	0.20	174.62	ppb
Strontium	88-1	0.02	0.76	0.03	0.27	157.05	ppb
Sulfur	34-1	-35.94	734.74	-589.63	36.39	1827.95	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.13	0.15	0.15	0.14	8.86	ppb
Thallium	205-1	0.12	0.15	0.13	0.13	9.53	ppb
Tin	118-1	0.01	0.01	0.01	0.01	19.27	ppb
Titanium	47-1	0.07	0.03	0.05	0.05	42.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.55	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.02	0.02	0.01	59.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.46	0.13	0.94	0.51	79.80	ppb
Zirconium	90-1	0.00	0.05	0.02	0.02	93.82	ppb
Zirconium	91-1	0.01	0.06	0.03	0.03	66.92	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.99	19.03	17.07	18.03	5.44	ppb
Antimony	121-1	2.06	2.07	2.04	2.05	0.75	ppb
Arsenic	75-2	1.02	1.13	0.74	0.96	20.57	ppb
Barium	135-1	9.84	9.77	9.95	9.85	0.91	ppb
Barium	137-1	10.24	9.95	10.07	10.09	1.44	ppb
Beryllium	9-1	1.07	1.01	0.96	1.01	5.64	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	1.01	1.15	1.19	1.12	8.22	ppb
Cadmium	106-1	0.68	-0.11	-2.61	-0.68		ppb
Cadmium	111-1	1.08	1.03	0.95	1.02	6.68	ppb
Calcium	43-1	508.99	513.38	485.40	502.59	2.99	ppb
Calcium	44-1	530.10	528.22	505.31	521.21	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.79	1.89	1.84	1.84	2.84	ppb
Cobalt	59-2	1.07	1.00	1.03	1.03	3.29	ppb
Copper	63-2	2.15	2.04	1.93	2.04	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	56.61	49.94	50.58	52.38	7.02	ppb
Iron	56-2	62.38	50.69	51.89	54.99	11.69	ppb
Iron	57-2	62.04	52.22	54.31	56.19	9.21	ppb
Krypton	83-1						cps
Lead	206-1	1.42	0.92	0.98	1.11	24.78	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.43	0.99	1.04	1.15	21.10	ppb
Lead	208-1	1.44	0.99	1.02	1.15	21.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	496.91	501.33	500.41	499.55	0.47	ppb
Manganese	55-2	1.22	0.97	0.92	1.03	15.93	ppb
Molybdenum	94-1	5.54	5.40	5.36	5.44	1.70	ppb
Molybdenum	95-1	4.51	4.53	4.71	4.58	2.43	ppb
Molybdenum	96-1	4.55	4.63	4.46	4.55	1.78	ppb
Molybdenum	97-1	4.54	4.46	4.53	4.51	1.01	ppb
Molybdenum	98-1	4.55	4.57	4.51	4.54	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	1.07	1.06	1.01	9.51	ppb
Phosphorus	31-2	7.31	23.60	19.25	16.72	50.45	ppb
Potassium	39-2	498.57	498.31	501.66	499.51	0.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	5.27	4.32	4.36	4.65	11.56	ppb
Selenium	77-2	7.84	3.94	6.86	6.21	32.63	ppb
Selenium	78-2	2.86	5.56	6.40	4.94	37.42	ppb
Silicon	28-1	0.55	0.59	0.36	0.50	24.77	ppb
Silver	107-1	1.00	1.01	0.99	1.00	0.82	ppb
Silver	109-1	1.01	0.99	0.99	1.00	0.92	ppb
Sodium	23-2	534.86	550.84	548.89	544.87	1.60	ppb
Strontium	86-1	1.11	0.92	0.89	0.97	12.13	ppb
Strontium	88-1	1.10	0.92	0.92	0.98	10.15	ppb
Sulfur	34-1	154.54	222.08	-341.21	11.81	2605.45	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	1.17	1.02	1.07	1.09	6.77	ppb
Thallium	205-1	1.20	1.05	1.07	1.11	7.05	ppb
Tin	118-1	5.10	5.00	5.08	5.06	1.08	ppb
Titanium	47-1	4.94	5.15	5.01	5.03	2.17	ppb
Uranium	238-1	0.96	0.88	0.90	0.91	4.46	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.76	4.75	4.77	4.76	0.23	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	5.63	4.76	5.01	5.13	8.71	ppb
Zirconium	90-1	0.96	0.91	0.91	0.93	3.32	ppb
Zirconium	91-1	0.94	0.88	0.97	0.93	5.12	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : O4699-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 15:22:10 DataFile Name : 022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.37	9.53	8.65	8.18	19.91	ppb
Antimony	121-1	0.44	0.46	0.45	0.45	1.87	ppb
Arsenic	75-2	0.38	0.35	0.31	0.35	11.26	ppb
Barium	135-1	2.07	2.16	2.08	2.11	2.38	ppb
Barium	137-1	2.14	2.14	2.17	2.15	0.80	ppb
Beryllium	9-1	0.38	0.43	0.43	0.42	7.44	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.45	0.68	0.49	0.54	23.07	ppb
Cadmium	106-1	-1.67	-1.82	-3.23	-2.24		ppb
Cadmium	111-1	0.47	0.42	0.44	0.44	5.40	ppb
Calcium	43-1	194.74	203.63	202.56	200.31	2.42	ppb
Calcium	44-1	211.19	208.70	209.25	209.71	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.45	0.40	0.42	7.32	ppb
Cobalt	59-2	0.40	0.48	0.42	0.43	9.40	ppb
Copper	63-2	0.83	0.90	0.92	0.88	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	31.51	37.23	34.34	34.36	8.32	ppb
Iron	56-2	32.82	33.99	33.18	33.33	1.80	ppb
Iron	57-2	31.70	33.56	32.43	32.57	2.87	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.43	0.39	0.41	4.66	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:22:10	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.44	0.42	0.41	0.42	4.36	ppb
Lead	208-1	0.42	0.41	0.41	0.41	1.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	208.18	212.15	200.29	206.87	2.92	ppb
Manganese	55-2	0.90	0.84	0.80	0.85	6.46	ppb
Molybdenum	94-1	1.06	0.95	1.07	1.03	6.32	ppb
Molybdenum	95-1	0.42	0.39	0.41	0.41	4.79	ppb
Molybdenum	96-1	0.47	0.43	0.44	0.45	4.94	ppb
Molybdenum	97-1	0.43	0.39	0.39	0.40	6.62	ppb
Molybdenum	98-1	0.38	0.35	0.40	0.38	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.41	0.44	0.42	4.42	ppb
Phosphorus	31-2	-8.06	8.73	2.94	1.20	708.68	ppb
Potassium	39-2	137.68	149.11	138.13	141.64	4.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	2.68	2.79	2.50	2.65	5.55	ppb
Selenium	77-2	0.00	2.80	7.42	3.40	110.01	ppb
Selenium	78-2	1.21	2.37	1.78	1.79	32.24	ppb
Silicon	28-1	-0.12	-0.17	-0.07	-0.12		ppb
Silver	107-1	0.43	0.43	0.47	0.45	5.69	ppb
Silver	109-1	0.44	0.45	0.47	0.45	3.50	ppb
Sodium	23-2	230.18	238.34	231.12	233.21	1.91	ppb
Strontium	86-1	0.43	0.41	0.41	0.42	2.27	ppb
Strontium	88-1	0.40	0.39	0.42	0.40	4.44	ppb
Sulfur	34-1	170.09	-35.85	179.74	104.66	116.35	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.44	0.46	0.44	0.45	2.43	ppb
Thallium	205-1	0.45	0.44	0.45	0.45	0.51	ppb
Tin	118-1	0.86	0.40	0.36	0.54	51.27	ppb
Titanium	47-1	0.37	0.42	0.44	0.41	8.88	ppb
Uranium	238-1	0.40	0.39	0.39	0.39	1.51	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:22:10	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.41	0.44	0.43	0.42	3.97	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	1.13	0.97	0.95	1.02	10.09	ppb
Zirconium	90-1	0.41	0.39	0.37	0.39	4.57	ppb
Zirconium	91-1	0.41	0.37	0.43	0.40	7.62	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.88	18.96	20.69	19.84	4.35	ppb
Antimony	121-1	2.01	2.12	2.01	2.05	3.05	ppb
Arsenic	75-2	1.05	1.05	1.03	1.04	0.89	ppb
Barium	135-1	9.70	9.60	10.08	9.79	2.58	ppb
Barium	137-1	10.39	10.14	10.09	10.21	1.58	ppb
Beryllium	9-1	1.02	1.04	1.04	1.03	0.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	1.02	1.40	0.77	1.06	29.95	ppb
Cadmium	106-1	-0.36	0.18	-1.15	-0.44		ppb
Cadmium	111-1	1.00	1.02	1.07	1.03	3.13	ppb
Calcium	43-1	495.10	476.65	504.92	492.22	2.92	ppb
Calcium	44-1	512.16	506.89	515.65	511.56	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.89	1.72	1.81	4.62	ppb
Cobalt	59-2	1.06	1.04	0.98	1.02	3.80	ppb
Copper	63-2	1.93	2.00	1.93	1.95	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	51.92	51.48	52.29	51.90	0.78	ppb
Iron	56-2	52.39	52.10	50.87	51.79	1.56	ppb
Iron	57-2	50.29	53.39	50.25	51.31	3.52	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.89	0.91	0.91	1.58	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	0.92	0.91	0.93	2.72	ppb
Lead	208-1	0.94	0.91	0.89	0.91	2.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	504.73	504.19	495.82	501.58	1.00	ppb
Manganese	55-2	1.02	1.01	0.87	0.97	8.62	ppb
Molybdenum	94-1	5.42	5.27	5.48	5.39	2.03	ppb
Molybdenum	95-1	4.45	4.42	4.36	4.41	1.00	ppb
Molybdenum	96-1	4.49	4.59	4.57	4.55	1.17	ppb
Molybdenum	97-1	4.54	4.42	4.64	4.53	2.41	ppb
Molybdenum	98-1	4.40	4.47	4.54	4.47	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.12	0.95	1.02	8.56	ppb
Phosphorus	31-2	41.19	29.80	36.26	35.75	15.98	ppb
Potassium	39-2	515.49	496.42	490.18	500.70	2.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.36	5.57	4.78	4.90	12.51	ppb
Selenium	77-2	2.75	8.22	4.68	5.22	53.21	ppb
Selenium	78-2	4.23	5.86	4.35	4.81	18.88	ppb
Silicon	28-1	0.45	0.32	0.47	0.41	19.49	ppb
Silver	107-1	0.97	0.98	1.02	0.99	2.74	ppb
Silver	109-1	1.01	1.06	1.05	1.04	2.65	ppb
Sodium	23-2	523.25	524.70	521.72	523.22	0.29	ppb
Strontium	86-1	0.89	0.94	0.91	0.91	3.02	ppb
Strontium	88-1	0.91	0.89	0.93	0.91	2.27	ppb
Sulfur	34-1	234.25	155.74	339.37	243.12	37.90	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.92	0.93	0.94	3.20	ppb
Thallium	205-1	0.99	0.98	0.95	0.97	2.06	ppb
Tin	118-1	4.93	5.05	4.91	4.96	1.44	ppb
Titanium	47-1	4.90	4.83	5.11	4.94	2.88	ppb
Uranium	238-1	0.88	0.87	0.84	0.87	2.16	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.15	4.93	4.84	4.97	3.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	5.02	4.37	5.13	4.84	8.54	ppb
Zirconium	90-1	0.91	0.90	0.93	0.91	1.83	ppb
Zirconium	91-1	0.86	0.94	0.92	0.91	4.62	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	22.81	19.61	20.80	8.44	ppb
Antimony	121-1	1.99	2.02	2.09	2.03	2.37	ppb
Arsenic	75-2	1.02	1.25	0.85	1.04	19.03	ppb
Barium	135-1	9.69	10.04	9.96	9.90	1.88	ppb
Barium	137-1	9.95	10.07	10.13	10.05	0.95	ppb
Beryllium	9-1	0.94	1.05	1.01	1.00	5.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	1.22	1.11	1.09	1.14	6.11	ppb
Cadmium	106-1	0.46	-0.85	-0.27	-0.22		ppb
Cadmium	111-1	1.04	0.99	1.06	1.03	3.42	ppb
Calcium	43-1	474.54	483.23	487.25	481.67	1.35	ppb
Calcium	44-1	509.90	516.35	521.60	515.95	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.87	1.83	1.85	1.09	ppb
Cobalt	59-2	1.05	1.07	1.01	1.05	3.31	ppb
Copper	63-2	1.90	2.20	1.97	2.02	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	55.17	57.72	53.89	55.60	3.50	ppb
Iron	56-2	51.56	56.09	50.26	52.64	5.82	ppb
Iron	57-2	52.81	62.75	50.34	55.30	11.88	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.93	0.97	0.93	3.09	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.91	0.94	0.96	0.94	3.05	ppb
Lead	208-1	0.92	0.94	0.94	0.93	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	507.09	551.92	501.17	520.06	5.34	ppb
Manganese	55-2	0.98	0.96	1.05	1.00	4.65	ppb
Molybdenum	94-1	5.49	5.58	5.51	5.52	0.84	ppb
Molybdenum	95-1	4.50	4.54	4.60	4.55	1.14	ppb
Molybdenum	96-1	4.59	4.60	4.63	4.60	0.42	ppb
Molybdenum	97-1	4.46	4.63	4.60	4.56	1.94	ppb
Molybdenum	98-1	4.45	4.63	4.51	4.53	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.94	0.93	0.92	2.81	ppb
Phosphorus	31-2	29.39	27.85	23.77	27.00	10.76	ppb
Potassium	39-2	503.18	549.38	490.62	514.39	6.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	4.62	4.98	4.08	4.56	9.93	ppb
Selenium	77-2	7.28	7.83	4.58	6.57	26.47	ppb
Selenium	78-2	4.74	5.21	4.23	4.73	10.39	ppb
Silicon	28-1	0.36	0.31	0.35	0.34	6.97	ppb
Silver	107-1	1.02	0.98	1.03	1.01	2.79	ppb
Silver	109-1	0.97	1.05	1.05	1.02	4.60	ppb
Sodium	23-2	526.38	575.88	503.79	535.35	6.89	ppb
Strontium	86-1	0.92	0.92	0.95	0.93	2.15	ppb
Strontium	88-1	0.96	0.96	0.94	0.95	1.37	ppb
Sulfur	34-1	149.99	183.33	247.97	193.77	25.71	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.94	0.94	0.99	0.96	2.91	ppb
Thallium	205-1	0.96	0.98	0.98	0.97	1.31	ppb
Tin	118-1	4.90	5.04	5.17	5.04	2.60	ppb
Titanium	47-1	5.12	4.97	5.05	5.05	1.47	ppb
Uranium	238-1	0.86	0.88	0.88	0.88	1.37	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.02	5.28	4.66	4.99	6.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	4.82	5.30	4.69	4.94	6.45	ppb
Zirconium	90-1	0.91	0.92	0.94	0.93	1.58	ppb
Zirconium	91-1	0.95	0.92	0.89	0.92	3.52	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : O4699-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 15:36:33 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.69	9.16	8.77	8.87	2.83	ppb
Antimony	121-1	0.41	0.41	0.44	0.42	4.00	ppb
Arsenic	75-2	0.44	0.38	0.44	0.42	7.67	ppb
Barium	135-1	2.24	2.12	2.00	2.12	5.67	ppb
Barium	137-1	2.14	2.16	2.14	2.15	0.62	ppb
Beryllium	9-1	0.45	0.40	0.42	0.42	5.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.49	0.41	0.43	0.44	9.09	ppb
Cadmium	106-1	-0.62	-0.53	-1.62	-0.93		ppb
Cadmium	111-1	0.41	0.53	0.43	0.45	14.28	ppb
Calcium	43-1	199.57	207.37	196.63	201.19	2.76	ppb
Calcium	44-1	216.43	216.39	209.71	214.18	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.41	0.35	0.37	11.87	ppb
Cobalt	59-2	0.43	0.39	0.39	0.40	6.66	ppb
Copper	63-2	0.83	0.78	0.72	0.78	7.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	32.20	32.44	35.15	33.27	4.93	ppb
Iron	56-2	32.77	33.21	32.71	32.90	0.82	ppb
Iron	57-2	33.79	32.14	32.69	32.87	2.56	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.42	0.39	0.41	4.83	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:36:33	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.41	0.43	0.43	0.42	2.68	ppb
Lead	208-1	0.40	0.42	0.41	0.41	2.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	203.19	205.45	204.46	204.37	0.55	ppb
Manganese	55-2	0.77	0.92	0.71	0.80	14.00	ppb
Molybdenum	94-1	0.98	0.90	0.96	0.94	4.40	ppb
Molybdenum	95-1	0.37	0.36	0.41	0.38	6.45	ppb
Molybdenum	96-1	0.42	0.45	0.45	0.44	3.59	ppb
Molybdenum	97-1	0.41	0.33	0.34	0.36	12.01	ppb
Molybdenum	98-1	0.38	0.37	0.35	0.37	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.40	0.37	0.40	6.68	ppb
Phosphorus	31-2	-7.36	-12.86	-6.71	-8.97		ppb
Potassium	39-2	134.69	133.89	143.01	137.20	3.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	2.30	2.44	2.11	2.28	7.12	ppb
Selenium	77-2	2.73	2.75	3.63	3.03	17.00	ppb
Selenium	78-2	1.45	3.67	3.36	2.83	42.61	ppb
Silicon	28-1	-0.10	-0.04	-0.13	-0.09		ppb
Silver	107-1	0.44	0.45	0.44	0.44	1.64	ppb
Silver	109-1	0.43	0.43	0.43	0.43	1.07	ppb
Sodium	23-2	224.12	225.15	227.74	225.67	0.83	ppb
Strontium	86-1	0.35	0.40	0.36	0.37	7.67	ppb
Strontium	88-1	0.41	0.39	0.38	0.39	3.82	ppb
Sulfur	34-1	188.58	312.70	141.80	214.36	41.20	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.43	0.44	0.42	0.43	2.47	ppb
Thallium	205-1	0.42	0.45	0.43	0.43	3.00	ppb
Tin	118-1	0.37	0.39	0.38	0.38	3.09	ppb
Titanium	47-1	0.45	0.43	0.41	0.43	5.07	ppb
Uranium	238-1	0.38	0.37	0.37	0.37	0.71	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:36:33	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.40	0.41	0.42	0.41	2.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.88	1.04	1.00	0.97	8.78	ppb
Zirconium	90-1	0.37	0.39	0.39	0.38	2.31	ppb
Zirconium	91-1	0.39	0.37	0.39	0.38	2.41	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.26	18.94	18.38	18.19	4.70	ppb
Antimony	121-1	2.04	2.12	1.95	2.04	4.14	ppb
Arsenic	75-2	1.00	0.93	0.86	0.93	7.18	ppb
Barium	135-1	10.35	10.21	9.89	10.15	2.30	ppb
Barium	137-1	10.38	10.31	9.97	10.22	2.15	ppb
Beryllium	9-1	1.05	1.06	1.03	1.05	1.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.10	0.81	1.31	1.07	23.21	ppb
Cadmium	106-1	0.77	0.91	-0.95	0.24	430.49	ppb
Cadmium	111-1	1.02	1.07	1.00	1.03	3.50	ppb
Calcium	43-1	508.83	477.95	490.17	492.32	3.16	ppb
Calcium	44-1	513.04	500.97	514.12	509.37	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.79	1.94	1.87	4.03	ppb
Cobalt	59-2	1.04	1.04	1.01	1.03	1.99	ppb
Copper	63-2	1.91	1.91	1.91	1.91	0.08	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				103		%
Indium	115-2				100		%
Iron	54-2	52.06	53.19	50.24	51.83	2.87	ppb
Iron	56-2	52.78	52.72	51.37	52.29	1.53	ppb
Iron	57-2	48.84	51.44	45.48	48.59	6.15	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.91	0.92	0.92	1.94	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.93	0.98	0.92	0.94	3.69	ppb
Lead	208-1	0.92	0.92	0.92	0.92	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	503.85	484.74	503.93	497.50	2.22	ppb
Manganese	55-2	0.96	0.95	0.88	0.93	4.55	ppb
Molybdenum	94-1	5.39	5.44	5.17	5.33	2.66	ppb
Molybdenum	95-1	4.43	4.39	4.53	4.45	1.54	ppb
Molybdenum	96-1	4.68	4.52	4.67	4.62	1.94	ppb
Molybdenum	97-1	4.47	4.57	4.31	4.45	2.88	ppb
Molybdenum	98-1	4.56	4.44	4.46	4.49	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	1.05	1.03	2.16	ppb
Phosphorus	31-2	5.98	26.02	11.80	14.60	70.60	ppb
Potassium	39-2	501.76	491.13	502.20	498.36	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.83	4.74	4.67	5.08	12.75	ppb
Selenium	77-2	6.34	3.64	2.73	4.24	44.34	ppb
Selenium	78-2	5.80	3.37	5.55	4.91	27.20	ppb
Silicon	28-1	0.48	0.34	0.44	0.42	16.53	ppb
Silver	107-1	1.03	1.02	0.99	1.01	1.89	ppb
Silver	109-1	1.02	1.03	1.00	1.02	1.48	ppb
Sodium	23-2	525.49	512.59	522.90	520.33	1.31	ppb
Strontium	86-1	1.02	0.85	0.90	0.92	9.46	ppb
Strontium	88-1	0.94	0.91	0.92	0.92	1.77	ppb
Sulfur	34-1	460.02	72.03	422.01	318.02	67.25	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.99	0.97	0.98	1.22	ppb
Thallium	205-1	0.98	0.98	0.96	0.97	1.03	ppb
Tin	118-1	5.06	5.12	4.92	5.04	2.03	ppb
Titanium	47-1	5.21	4.79	5.04	5.01	4.15	ppb
Uranium	238-1	0.89	0.88	0.87	0.88	1.56	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.87	4.85	4.72	4.81	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4.93	4.77	5.56	5.08	8.22	ppb
Zirconium	90-1	0.97	0.92	0.89	0.93	4.44	ppb
Zirconium	91-1	0.93	0.89	0.91	0.91	2.00	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	20.22	19.64	20.18	2.54	ppb
Antimony	121-1	2.00	2.06	2.05	2.04	1.50	ppb
Arsenic	75-2	1.04	1.22	0.96	1.08	12.44	ppb
Barium	135-1	9.84	10.15	10.25	10.08	2.09	ppb
Barium	137-1	10.25	10.23	10.28	10.25	0.24	ppb
Beryllium	9-1	1.04	1.04	1.05	1.04	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	1.24	1.38	0.95	1.19	18.62	ppb
Cadmium	106-1	0.67	1.53	0.13	0.78	90.89	ppb
Cadmium	111-1	0.97	1.08	1.16	1.07	8.57	ppb
Calcium	43-1	471.07	498.81	504.28	491.39	3.62	ppb
Calcium	44-1	509.77	521.64	537.58	523.00	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.97	2.00	2.01	1.81	ppb
Cobalt	59-2	1.01	1.07	1.07	1.05	3.57	ppb
Copper	63-2	2.04	2.00	1.95	1.99	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	55.45	54.44	51.45	53.78	3.87	ppb
Iron	56-2	52.46	53.14	52.59	52.73	0.68	ppb
Iron	57-2	58.81	49.09	52.64	53.51	9.19	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.94	0.95	0.94	0.61	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.93	0.96	0.93	0.94	1.65	ppb
Lead	208-1	0.94	0.93	0.93	0.94	0.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	517.24	527.87	511.05	518.72	1.64	ppb
Manganese	55-2	0.94	1.00	1.03	0.99	4.47	ppb
Molybdenum	94-1	5.48	5.37	5.50	5.45	1.30	ppb
Molybdenum	95-1	4.55	4.53	4.66	4.58	1.50	ppb
Molybdenum	96-1	4.66	4.71	4.70	4.69	0.50	ppb
Molybdenum	97-1	4.46	4.76	4.75	4.66	3.72	ppb
Molybdenum	98-1	4.52	4.71	4.64	4.62	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.04	1.06	1.02	4.90	ppb
Phosphorus	31-2	15.14	15.38	6.37	12.29	41.75	ppb
Potassium	39-2	522.83	523.34	525.17	523.78	0.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	4.56	5.31	4.76	4.88	8.03	ppb
Selenium	77-2	2.84	8.50	4.74	5.36	53.82	ppb
Selenium	78-2	6.40	4.69	5.56	5.55	15.40	ppb
Silicon	28-1	0.26	0.61	0.73	0.53	45.61	ppb
Silver	107-1	1.05	1.04	1.08	1.05	1.94	ppb
Silver	109-1	1.03	1.06	1.05	1.05	1.75	ppb
Sodium	23-2	544.76	533.78	536.43	538.32	1.06	ppb
Strontium	86-1	0.95	0.90	0.88	0.91	4.23	ppb
Strontium	88-1	0.94	0.94	0.94	0.94	0.20	ppb
Sulfur	34-1	0.78	712.79	867.66	527.08	87.71	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1.03	1.01	1.02	1.02	0.68	ppb
Thallium	205-1	1.00	0.99	0.98	0.99	1.00	ppb
Tin	118-1	4.95	5.13	5.11	5.06	1.96	ppb
Titanium	47-1	4.85	5.22	5.04	5.03	3.65	ppb
Uranium	238-1	0.90	0.88	0.90	0.89	1.20	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.76	5.15	4.72	4.88	4.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5.09	4.97	4.64	4.90	4.77	ppb
Zirconium	90-1	0.92	0.95	0.93	0.94	1.42	ppb
Zirconium	91-1	0.92	0.93	0.93	0.93	0.59	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 15:46:48 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.41	9.82	8.64	9.29	6.45	ppb
Antimony	121-1	0.44	0.45	0.44	0.44	1.59	ppb
Arsenic	75-2	0.41	0.44	0.26	0.37	25.76	ppb
Barium	135-1	2.16	2.14	2.09	2.13	1.57	ppb
Barium	137-1	2.13	2.13	2.14	2.13	0.20	ppb
Beryllium	9-1	0.41	0.42	0.45	0.42	4.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.38	0.38	0.51	0.43	17.36	ppb
Cadmium	106-1	-1.36	-0.12	-0.50	-0.66		ppb
Cadmium	111-1	0.43	0.45	0.40	0.42	6.62	ppb
Calcium	43-1	206.00	195.06	190.38	197.14	4.07	ppb
Calcium	44-1	222.24	208.32	203.60	211.39	4.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.42	0.41	0.39	8.18	ppb
Cobalt	59-2	0.41	0.43	0.45	0.43	5.03	ppb
Copper	63-2	0.87	0.85	0.75	0.82	7.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	30.26	34.47	32.02	32.25	6.56	ppb
Iron	56-2	32.66	33.25	32.82	32.91	0.92	ppb
Iron	57-2	32.74	32.80	30.67	32.07	3.79	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.38	0.39	0.39	2.47	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:46:48	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.40	0.43	0.41	4.56	ppb
Lead	208-1	0.40	0.39	0.40	0.40	1.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	200.53	210.11	201.82	204.15	2.55	ppb
Manganese	55-2	0.84	0.80	0.83	0.83	2.74	ppb
Molybdenum	94-1	1.03	1.02	0.96	1.00	3.87	ppb
Molybdenum	95-1	0.36	0.42	0.37	0.38	7.69	ppb
Molybdenum	96-1	0.47	0.45	0.43	0.45	3.97	ppb
Molybdenum	97-1	0.42	0.40	0.39	0.40	3.41	ppb
Molybdenum	98-1	0.39	0.38	0.37	0.38	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.37	0.40	0.39	3.69	ppb
Phosphorus	31-2	-19.57	-20.77	-3.57	-14.63		ppb
Potassium	39-2	137.94	141.75	132.57	137.42	3.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	2.56	2.68	2.39	2.55	5.73	ppb
Selenium	77-2	1.81	2.74	1.83	2.13	24.96	ppb
Selenium	78-2	3.34	2.83	0.91	2.36	54.20	ppb
Silicon	28-1	0.09	-0.16	-0.20	-0.09		ppb
Silver	107-1	0.42	0.44	0.44	0.43	2.31	ppb
Silver	109-1	0.44	0.44	0.46	0.45	1.58	ppb
Sodium	23-2	221.66	226.02	220.64	222.77	1.28	ppb
Strontium	86-1	0.36	0.39	0.41	0.39	5.57	ppb
Strontium	88-1	0.40	0.39	0.38	0.39	2.75	ppb
Sulfur	34-1	392.53	78.10	-142.44	109.40	245.76	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.43	0.44	0.40	0.42	4.66	ppb
Thallium	205-1	0.42	0.44	0.44	0.43	3.23	ppb
Tin	118-1	0.42	0.34	0.34	0.37	12.98	ppb
Titanium	47-1	0.44	0.47	0.37	0.43	12.15	ppb
Uranium	238-1	0.38	0.39	0.37	0.38	2.12	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:46:48	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.38	0.36	0.43	0.39	9.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.88	0.98	0.63	0.83	21.50	ppb
Zirconium	90-1	0.38	0.38	0.40	0.39	2.38	ppb
Zirconium	91-1	0.37	0.38	0.36	0.37	2.21	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.38	20.85	17.76	20.00	9.79	ppb
Antimony	121-1	2.00	1.93	2.11	2.01	4.65	ppb
Arsenic	75-2	0.81	0.98	1.03	0.94	12.10	ppb
Barium	135-1	10.28	9.89	10.30	10.15	2.28	ppb
Barium	137-1	9.90	10.22	10.48	10.20	2.85	ppb
Beryllium	9-1	0.98	1.04	1.03	1.02	3.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.68	1.06	0.84	0.86	22.45	ppb
Cadmium	106-1	0.44	1.06	-0.86	0.21	456.50	ppb
Cadmium	111-1	0.98	1.07	1.17	1.08	8.77	ppb
Calcium	43-1	494.88	492.52	510.53	499.31	1.96	ppb
Calcium	44-1	505.30	510.00	517.97	511.09	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.92	1.87	1.89	1.50	ppb
Cobalt	59-2	1.07	1.03	0.99	1.03	3.78	ppb
Copper	63-2	2.01	2.17	1.97	2.05	5.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	53.80	58.13	54.35	55.43	4.25	ppb
Iron	56-2	52.74	52.58	52.45	52.59	0.27	ppb
Iron	57-2	52.27	55.20	48.80	52.09	6.15	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.96	0.92	0.93	2.65	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.93	0.98	0.93	4.93	ppb
Lead	208-1	0.89	0.93	0.95	0.92	3.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	518.95	518.01	517.96	518.31	0.11	ppb
Manganese	55-2	0.97	1.07	1.08	1.04	5.84	ppb
Molybdenum	94-1	5.27	5.41	5.55	5.41	2.59	ppb
Molybdenum	95-1	4.64	4.51	4.74	4.63	2.48	ppb
Molybdenum	96-1	4.56	4.55	4.76	4.62	2.60	ppb
Molybdenum	97-1	4.56	4.54	4.83	4.64	3.41	ppb
Molybdenum	98-1	4.64	4.55	4.70	4.63	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.09	0.97	1.01	6.93	ppb
Phosphorus	31-2	18.65	15.26	7.93	13.95	39.27	ppb
Potassium	39-2	506.67	521.81	510.85	513.11	1.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	5.14	4.97	4.68	4.93	4.70	ppb
Selenium	77-2	5.48	3.62	3.65	4.25	25.03	ppb
Selenium	78-2	3.66	6.88	5.31	5.28	30.48	ppb
Silicon	28-1	0.35	0.41	0.38	0.38	8.28	ppb
Silver	107-1	1.01	1.01	1.08	1.03	3.85	ppb
Silver	109-1	1.04	1.05	1.06	1.05	0.94	ppb
Sodium	23-2	527.13	532.55	530.44	530.04	0.52	ppb
Strontium	86-1	0.95	0.98	1.04	0.99	4.60	ppb
Strontium	88-1	0.94	0.94	0.97	0.95	2.01	ppb
Sulfur	34-1	215.37	339.03	339.72	298.04	24.02	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.96	0.96	0.98	0.97	0.96	ppb
Thallium	205-1	0.93	0.97	0.98	0.96	3.13	ppb
Tin	118-1	5.04	4.87	5.22	5.04	3.48	ppb
Titanium	47-1	5.18	5.07	4.83	5.02	3.53	ppb
Uranium	238-1	0.85	0.86	0.93	0.88	5.16	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.96	4.97	4.88	4.93	1.02	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	5.21	5.06	4.75	5.01	4.65	ppb
Zirconium	90-1	0.96	0.95	0.98	0.96	1.74	ppb
Zirconium	91-1	0.90	0.89	0.89	0.89	0.93	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.02	9.07	8.87	8.99	1.20	ppb
Antimony	121-1	0.46	0.45	0.43	0.44	3.30	ppb
Arsenic	75-2	0.36	0.48	0.50	0.45	16.89	ppb
Barium	135-1	2.11	2.10	2.15	2.12	1.39	ppb
Barium	137-1	2.09	2.14	2.11	2.11	1.10	ppb
Beryllium	9-1	0.42	0.41	0.41	0.41	2.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.40	0.39	0.38	0.39	3.18	ppb
Cadmium	106-1	-0.65	-1.14	0.83	-0.32		ppb
Cadmium	111-1	0.46	0.47	0.43	0.46	5.08	ppb
Calcium	43-1	213.87	205.17	200.26	206.43	3.34	ppb
Calcium	44-1	210.09	208.80	210.11	209.67	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.44	0.38	0.41	6.85	ppb
Cobalt	59-2	0.42	0.40	0.42	0.41	3.85	ppb
Copper	63-2	0.81	0.85	0.86	0.84	2.85	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				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	31.47	32.58	31.59	31.88	1.91	ppb
Iron	56-2	32.86	32.58	33.08	32.84	0.76	ppb
Iron	57-2	34.64	35.66	31.49	33.93	6.42	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.39	0.37	0.39	4.88	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.43	0.39	0.42	0.41	4.36	ppb
Lead	208-1	0.42	0.40	0.40	0.41	1.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	205.55	207.79	209.75	207.69	1.01	ppb
Manganese	55-2	0.77	0.81	0.85	0.81	4.71	ppb
Molybdenum	94-1	0.99	1.01	0.94	0.98	3.44	ppb
Molybdenum	95-1	0.40	0.41	0.39	0.40	2.07	ppb
Molybdenum	96-1	0.50	0.44	0.46	0.47	6.47	ppb
Molybdenum	97-1	0.40	0.41	0.39	0.40	2.02	ppb
Molybdenum	98-1	0.43	0.39	0.42	0.41	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.49	0.50	0.46	10.63	ppb
Phosphorus	31-2	-18.67	-2.43	13.67	-2.48		ppb
Potassium	39-2	136.53	133.77	144.18	138.16	3.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	3.15	2.75	2.18	2.69	18.19	ppb
Selenium	77-2	1.83	2.76	3.67	2.76	33.37	ppb
Selenium	78-2	0.64	2.59	0.10	1.11	118.21	ppb
Silicon	28-1	-0.03	-0.10	-0.10	-0.08		ppb
Silver	107-1	0.45	0.46	0.45	0.45	1.47	ppb
Silver	109-1	0.44	0.48	0.42	0.45	6.31	ppb
Sodium	23-2	224.39	225.53	228.12	226.01	0.85	ppb
Strontium	86-1	0.39	0.38	0.34	0.37	6.53	ppb
Strontium	88-1	0.40	0.41	0.41	0.41	1.61	ppb
Sulfur	34-1	260.48	79.00	108.93	149.47	65.09	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.41	0.42	0.42	0.42	1.30	ppb
Thallium	205-1	0.42	0.42	0.42	0.42	0.41	ppb
Tin	118-1	0.41	0.37	0.36	0.38	7.00	ppb
Titanium	47-1	0.44	0.50	0.41	0.45	9.98	ppb
Uranium	238-1	0.39	0.38	0.38	0.38	1.82	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.38	0.37	0.39	0.38	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1.14	1.16	0.82	1.04	18.36	ppb
Zirconium	90-1	0.41	0.41	0.38	0.40	4.74	ppb
Zirconium	91-1	0.39	0.35	0.36	0.37	5.88	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51878.01	51236.87	52527.33	51880.74	1.24	ppb
Antimony	121-1	499.24	493.61	508.59	500.48	1.51	ppb
Arsenic	75-2	495.00	506.87	511.47	504.45	1.69	ppb
Barium	135-1	2477.46	2555.14	2613.48	2548.70	2.68	ppb
Barium	137-1	2476.99	2511.69	2588.59	2525.76	2.26	ppb
Beryllium	9-1	485.06	514.45	512.76	504.09	3.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	511.60	517.08	518.56	515.75	0.71	ppb
Cadmium	106-1	506.21	513.31	507.26	508.92	0.75	ppb
Cadmium	111-1	491.05	504.02	503.78	499.62	1.49	ppb
Calcium	43-1	262819.34	262093.16	262308.96	262407.16	0.14	ppb
Calcium	44-1	253072.69	259524.12	262355.76	258317.52	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.37	496.54	493.30	494.74	0.33	ppb
Cobalt	59-2	506.26	506.08	495.68	502.67	1.20	ppb
Copper	63-2	4830.02	4974.26	4922.32	4908.87	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				83		%
Iron	54-2	129616.14	128169.39	128908.43	128897.98	0.56	ppb
Iron	56-2	127223.24	130870.60	128389.94	128827.93	1.45	ppb
Iron	57-2	130209.27	128736.55	128603.27	129183.03	0.69	ppb
Krypton	83-1						cps
Lead	206-1	2526.43	2515.35	2542.07	2527.95	0.53	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2552.89	2502.11	2572.67	2542.56	1.43	ppb
Lead	208-1	2533.79	2511.05	2561.20	2535.35	0.99	ppb
Lithium	6-1				87		%
Magnesium	24-2	262477.90	260403.92	256657.67	259846.49	1.14	ppb
Manganese	55-2	4944.67	5053.99	4983.29	4993.98	1.11	ppb
Molybdenum	94-1	4922.98	4927.33	5034.66	4961.66	1.27	ppb
Molybdenum	95-1	4961.22	5022.79	5057.37	5013.79	0.97	ppb
Molybdenum	96-1	4879.13	5017.55	4971.84	4956.17	1.42	ppb
Molybdenum	97-1	5007.46	4962.11	5022.63	4997.40	0.63	ppb
Molybdenum	98-1	4955.67	4932.22	5050.22	4979.37	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.53	495.31	489.03	493.29	0.75	ppb
Phosphorus	31-2	9827.63	9885.23	10078.31	9930.39	1.32	ppb
Potassium	39-2	122609.70	126270.80	123650.85	124177.12	1.52	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	82-1	490.39	487.21	486.04	487.88	0.46	ppb
Selenium	77-2	488.13	508.06	532.49	509.56	4.36	ppb
Selenium	78-2	507.76	481.57	498.61	495.98	2.68	ppb
Silicon	28-1	547.13	550.99	560.13	552.75	1.21	ppb
Silver	107-1	511.15	515.76	531.84	519.58	2.09	ppb
Silver	109-1	513.78	530.81	524.18	522.92	1.64	ppb
Sodium	23-2	259034.71	255374.13	252061.63	255490.15	1.37	ppb
Strontium	86-1	12302.82	12199.58	12543.02	12348.47	1.43	ppb
Strontium	88-1	12263.62	12262.15	12525.74	12350.50	1.23	ppb
Sulfur	34-1	10519.57	10690.04	10470.23	10559.95	1.09	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	522.73	505.62	510.46	512.94	1.72	ppb
Thallium	205-1	507.91	507.01	509.50	508.14	0.25	ppb
Tin	118-1	504.02	509.21	505.59	506.28	0.53	ppb
Titanium	47-1	4824.01	5025.81	5001.99	4950.60	2.23	ppb
Uranium	238-1	502.61	516.07	521.92	513.54	1.93	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.09	502.75	493.26	499.04	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	4920.67	4938.48	4907.62	4922.26	0.31	ppb
Zirconium	90-1	491.21	501.48	504.06	498.92	1.36	ppb
Zirconium	91-1	497.78	494.49	502.22	498.16	0.78	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.26	0.71	0.39	71.28	ppb
Antimony	121-1	0.03	0.04	0.07	0.05	40.23	ppb
Arsenic	75-2	0.03	-0.01	0.01	0.01	263.00	ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	52.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.03	0.03	0.04	44.71	ppb
Cadmium	106-1	-2.72	-3.27	-3.52	-3.17		ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	0.84	-1.70	0.93	0.02	6463.23	ppb
Calcium	44-1	13.45	10.78	12.49	12.24	11.05	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	-0.01	0.00	0.00		ppb
Copper	63-2	0.09	0.04	0.12	0.08	50.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	0.64	0.19	0.62	0.48	52.51	ppb
Iron	56-2	0.47	0.06	0.74	0.42	80.04	ppb
Iron	57-2	1.10	1.39	2.22	1.57	36.97	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	7.89	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.05	0.06	0.05	21.26	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.32	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.47	0.48	1.61	1.19	51.61	ppb
Manganese	55-2	0.01	0.02	0.03	0.02	55.81	ppb
Molybdenum	94-1	0.06	0.04	0.08	0.06	29.57	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.31	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.03	23.24	ppb
Molybdenum	97-1	0.02	0.06	0.02	0.03	73.44	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	14.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-15.04	-13.59	-14.69	-14.44		ppb
Potassium	39-2	19.70	18.59	19.98	19.42	3.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.48	0.35	0.05	0.29	74.57	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.68	-0.08	-0.67	-0.48		ppb
Silicon	28-1	-0.07	-0.11	-0.14	-0.11		ppb
Silver	107-1	0.01	0.01	0.00	0.01	45.48	ppb
Silver	109-1	0.01	0.00	0.00	0.00	106.14	ppb
Sodium	23-2	49.52	47.65	51.32	49.50	3.71	ppb
Strontium	86-1	0.03	0.02	0.01	0.02	47.42	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	26.74	ppb
Sulfur	34-1	209.92	115.49	95.77	140.39	43.46	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.54	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.67	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	222.57	ppb
Titanium	47-1	0.01	0.03	0.02	0.02	30.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.97	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.10	0.38	0.25	0.24	58.96	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	99.05	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	103.76	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.26	8.30	10.94	9.50	14.06	ppb
Antimony	121-1	0.42	0.45	0.45	0.44	4.14	ppb
Arsenic	75-2	0.40	0.30	0.72	0.47	46.10	ppb
Barium	135-1	1.96	2.11	1.99	2.02	3.80	ppb
Barium	137-1	2.11	2.20	2.13	2.15	2.17	ppb
Beryllium	9-1	0.45	0.45	0.42	0.44	3.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.36	0.49	0.46	0.44	15.35	ppb
Cadmium	106-1	-2.47	-2.54	-2.86	-2.63		ppb
Cadmium	111-1	0.39	0.41	0.39	0.40	2.87	ppb
Calcium	43-1	201.08	213.70	193.85	202.88	4.95	ppb
Calcium	44-1	213.03	226.88	225.85	221.92	3.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.36	0.40	0.38	5.63	ppb
Cobalt	59-2	0.40	0.47	0.42	0.43	8.47	ppb
Copper	63-2	0.93	0.88	1.02	0.94	7.86	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				96		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	35.15	34.38	33.75	34.43	2.03	ppb
Iron	56-2	33.64	33.53	35.98	34.38	4.02	ppb
Iron	57-2	35.54	35.28	35.67	35.50	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.39	0.43	0.40	5.14	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.42	0.40	0.41	2.87	ppb
Lead	208-1	0.41	0.41	0.41	0.41	0.04	ppb
Lithium	6-1				94		%
Magnesium	24-2	211.09	210.19	219.51	213.60	2.41	ppb
Manganese	55-2	0.87	0.91	0.85	0.88	3.50	ppb
Molybdenum	94-1	0.91	0.99	1.05	0.98	7.45	ppb
Molybdenum	95-1	0.38	0.37	0.42	0.39	6.79	ppb
Molybdenum	96-1	0.45	0.47	0.46	0.46	1.90	ppb
Molybdenum	97-1	0.34	0.37	0.38	0.36	6.69	ppb
Molybdenum	98-1	0.38	0.42	0.42	0.41	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.38	0.46	0.42	10.07	ppb
Phosphorus	31-2	-4.05	-11.33	10.06	-1.77		ppb
Potassium	39-2	144.21	143.94	156.48	148.21	4.83	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	2.29	2.92	2.68	2.63	12.13	ppb
Selenium	77-2	5.76	3.93	6.22	5.30	22.85	ppb
Selenium	78-2	3.93	2.58	1.24	2.58	51.96	ppb
Silicon	28-1	-0.17	0.14	0.10	0.02	718.37	ppb
Silver	107-1	0.42	0.45	0.43	0.43	4.07	ppb
Silver	109-1	0.43	0.42	0.45	0.43	3.78	ppb
Sodium	23-2	243.10	240.94	255.87	246.64	3.27	ppb
Strontium	86-1	0.41	0.42	0.41	0.41	1.07	ppb
Strontium	88-1	0.40	0.40	0.45	0.42	6.85	ppb
Sulfur	34-1	9.81	907.16	488.36	468.44	95.85	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.42	0.38	0.43	0.41	6.59	ppb
Thallium	205-1	0.42	0.42	0.45	0.43	3.96	ppb
Tin	118-1	0.35	0.36	0.37	0.36	3.41	ppb
Titanium	47-1	0.43	0.52	0.42	0.45	12.28	ppb
Uranium	238-1	0.37	0.37	0.38	0.38	2.06	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.41	0.45	0.44	0.43	5.25	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	0.89	0.85	0.98	0.91	7.51	ppb
Zirconium	90-1	0.37	0.38	0.35	0.37	3.95	ppb
Zirconium	91-1	0.43	0.38	0.34	0.38	11.05	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P8
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:31:14	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.31	-0.37	-0.16		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	16.02	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	3030.31	ppb
Barium	135-1	-0.02	-0.03	-0.01	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	51.50	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.08	0.08	0.07	22.99	ppb
Cadmium	106-1	-2.26	-3.12	-2.82	-2.73		ppb
Cadmium	111-1	-0.03	-0.04	-0.04	-0.04		ppb
Calcium	43-1	0.19	2.13	-3.17	-0.28		ppb
Calcium	44-1	12.23	11.26	8.45	10.65	18.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.04	-0.02	-0.04		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	0.09	0.00	-0.02	0.02	246.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	0.10	0.42	-0.13	0.13	207.89	ppb
Iron	56-2	-0.02	-0.05	-0.02	-0.03		ppb
Iron	57-2	0.36	0.50	0.25	0.37	33.94	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	1.73	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P8
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:31:14	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.03	0.03	0.02	22.34	ppb
Lead	208-1	0.02	0.02	0.02	0.02	0.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.10	0.09	0.33	0.11	198.96	ppb
Manganese	55-2	-0.01	-0.03	0.00	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	33.46	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	168.53	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-7.71	-23.76	-13.52	-15.00		ppb
Potassium	39-2	10.13	12.49	15.73	12.78	21.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.06	-0.12	0.16	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.28	-1.00	-0.44	-0.90		ppb
Silicon	28-1	-0.23	-0.25	-0.30	-0.26		ppb
Silver	107-1	0.00	0.00	0.00	0.00	15.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00	317.37	ppb
Sodium	23-2	31.68	30.89	31.92	31.50	1.72	ppb
Strontium	86-1	0.00	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	52.20	31.96	20.43	34.87	46.12	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.02	21.83	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.07	ppb
Tin	118-1	-0.06	-0.06	-0.09	-0.07		ppb
Titanium	47-1	0.02	-0.03	0.01	0.00	650.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P8
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:31:14	DataFile Name :	036CCBE.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				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.21	-0.13	0.10	0.06	284.01	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	230.89	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	47.95	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.03	37.34	39.82	41.40	12.16	ppb
Antimony	121-1	3.65	3.73	3.68	3.68	1.10	ppb
Arsenic	75-2	2.10	1.97	1.68	1.92	11.18	ppb
Barium	135-1	17.53	19.20	18.93	18.55	4.84	ppb
Barium	137-1	18.10	18.75	19.10	18.65	2.72	ppb
Beryllium	9-1	1.85	1.82	1.82	1.83	0.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	2.53	2.22	1.74	2.16	18.48	ppb
Cadmium	106-1	0.19	1.22	-1.48	-0.02		ppb
Cadmium	111-1	1.91	1.91	1.95	1.92	1.16	ppb
Calcium	43-1	891.74	876.36	883.91	884.00	0.87	ppb
Calcium	44-1	889.37	899.53	902.14	897.01	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.50	3.52	3.68	3.57	2.83	ppb
Cobalt	59-2	1.90	1.90	1.91	1.91	0.37	ppb
Copper	63-2	4.70	4.07	4.03	4.27	8.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	404.27	388.90	394.96	396.04	1.96	ppb
Iron	56-2	411.76	387.00	395.18	397.98	3.17	ppb
Iron	57-2	395.02	378.67	384.99	386.22	2.14	ppb
Krypton	83-1						cps
Lead	206-1	1.71	1.80	1.79	1.77	2.63	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.70	1.85	1.81	1.79	4.34	ppb
Lead	208-1	1.72	1.81	1.78	1.77	2.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	989.91	970.33	973.41	977.88	1.08	ppb
Manganese	55-2	2.59	1.88	1.98	2.15	17.83	ppb
Molybdenum	94-1	9.65	10.08	10.28	10.01	3.25	ppb
Molybdenum	95-1	8.11	8.67	8.63	8.47	3.72	ppb
Molybdenum	96-1	8.35	8.55	8.86	8.59	2.95	ppb
Molybdenum	97-1	8.46	8.40	8.68	8.51	1.77	ppb
Molybdenum	98-1	8.29	8.68	8.43	8.47	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.92	1.94	1.93	0.48	ppb
Phosphorus	31-2	-7.55	-27.62	-11.07	-15.41		ppb
Potassium	39-2	951.20	928.15	938.19	939.18	1.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	9.43	9.91	9.50	9.61	2.71	ppb
Selenium	77-2	12.20	10.17	7.53	9.97	23.53	ppb
Selenium	78-2	9.74	8.45	9.48	9.22	7.37	ppb
Silicon	28-1	1.59	1.61	1.57	1.59	1.01	ppb
Silver	107-1	1.81	1.88	1.96	1.89	4.00	ppb
Silver	109-1	1.85	1.93	1.95	1.91	2.84	ppb
Sodium	23-2	1000.24	976.31	974.32	983.62	1.47	ppb
Strontium	86-1	1.58	1.72	1.82	1.71	7.00	ppb
Strontium	88-1	1.68	1.76	1.79	1.74	3.18	ppb
Sulfur	34-1	13.67	61.03	23.86	32.85	75.88	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	1.71	1.80	1.78	1.76	2.72	ppb
Thallium	205-1	1.75	1.79	1.79	1.78	1.31	ppb
Tin	118-1	-0.05	-0.05	-0.06	-0.06		ppb
Titanium	47-1	8.87	9.33	9.41	9.20	3.19	ppb
Uranium	238-1	1.62	1.70	1.70	1.67	2.89	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.04	9.10	9.53	9.22	2.89	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	10.36	9.08	10.05	9.83	6.81	ppb
Zirconium	90-1	1.73	1.74	1.79	1.75	1.71	ppb
Zirconium	91-1	1.73	1.77	1.77	1.75	1.28	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P8
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:38:08	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.34	0.10	0.09	265.49	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	39.18	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	7658.76	ppb
Barium	135-1	-0.03	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.02	0.00	-0.01	0.00	437.73	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	100.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.15	0.02	0.09	76.07	ppb
Cadmium	106-1	-1.02	-1.61	-1.61	-1.42		ppb
Cadmium	111-1	-0.01	-0.03	-0.02	-0.02		ppb
Calcium	43-1	-0.70	-0.49	1.19	0.00	94844.00	ppb
Calcium	44-1	10.71	9.62	8.97	9.77	8.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	151.71	ppb
Copper	63-2	0.01	0.03	0.00	0.01	149.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	0.56	-0.03	0.44	0.32	97.76	ppb
Iron	56-2	0.17	-0.12	-0.16	-0.04		ppb
Iron	57-2	0.63	0.14	0.40	0.39	62.91	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.02	10.72	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P8
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:38:08	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.01	0.01	21.08	ppb
Lead	208-1	0.01	0.01	0.01	0.01	3.94	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.60	0.23	0.43	1.42	133.12	ppb
Manganese	55-2	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	53.57	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	151.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-11.23	-11.70	-27.82	-16.92		ppb
Potassium	39-2	19.31	13.23	15.49	16.01	19.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	0.31	-0.04	-0.53	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	-0.44	-0.44	-0.63		ppb
Silicon	28-1	-0.30	-0.27	-0.24	-0.27		ppb
Silver	107-1	0.00	0.00	0.01	0.00	65.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	35.47	ppb
Sodium	23-2	33.24	32.22	30.09	31.85	5.05	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	533.85	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-31.78	87.24	265.28	106.91	139.84	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	32.43	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.93	ppb
Tin	118-1	0.07	-0.05	-0.08	-0.02		ppb
Titanium	47-1	0.01	0.01	0.02	0.01	38.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P8
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:38:08	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	-0.01	0.00	1741.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.11	0.18	0.21	0.17	30.31	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	121.72	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	71.85	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.60	35.05	37.03	36.22	2.87	ppb
Antimony	121-1	3.70	3.77	3.78	3.75	1.15	ppb
Arsenic	75-2	1.83	1.83	1.94	1.87	3.43	ppb
Barium	135-1	18.01	18.47	18.65	18.38	1.80	ppb
Barium	137-1	18.30	18.16	18.81	18.42	1.83	ppb
Beryllium	9-1	1.94	1.89	1.92	1.92	1.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	2.08	2.04	1.69	1.94	10.91	ppb
Cadmium	106-1	1.97	1.20	1.02	1.40	36.15	ppb
Cadmium	111-1	1.91	1.83	1.95	1.90	3.25	ppb
Calcium	43-1	888.35	860.40	864.54	871.10	1.73	ppb
Calcium	44-1	895.61	892.28	887.07	891.65	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.56	3.60	3.44	3.53	2.42	ppb
Cobalt	59-2	1.87	1.84	1.86	1.86	0.66	ppb
Copper	63-2	3.91	3.83	3.87	3.87	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	379.18	383.59	381.23	381.33	0.58	ppb
Iron	56-2	382.62	386.42	380.50	383.18	0.78	ppb
Iron	57-2	372.45	384.88	374.18	377.17	1.78	ppb
Krypton	83-1						cps
Lead	206-1	1.76	1.69	1.77	1.74	2.61	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.83	1.77	1.76	1.78	2.16	ppb
Lead	208-1	1.78	1.74	1.75	1.75	1.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	941.85	945.12	939.90	942.29	0.28	ppb
Manganese	55-2	1.76	2.08	1.89	1.91	8.62	ppb
Molybdenum	94-1	10.20	10.23	9.96	10.13	1.46	ppb
Molybdenum	95-1	8.48	8.49	8.50	8.49	0.14	ppb
Molybdenum	96-1	8.53	8.57	8.42	8.51	0.90	ppb
Molybdenum	97-1	8.59	8.50	8.34	8.48	1.47	ppb
Molybdenum	98-1	8.43	8.42	8.43	8.43	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.75	1.88	1.79	4.36	ppb
Phosphorus	31-2	-23.15	-28.37	-10.18	-20.57		ppb
Potassium	39-2	925.92	915.77	913.41	918.37	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	8.68	8.98	8.95	8.87	1.88	ppb
Selenium	77-2	12.36	10.40	5.68	9.48	36.20	ppb
Selenium	78-2	7.60	9.25	7.85	8.23	10.79	ppb
Silicon	28-1	1.63	1.76	1.75	1.71	4.28	ppb
Silver	107-1	1.84	1.90	1.86	1.87	1.58	ppb
Silver	109-1	1.83	1.85	1.92	1.87	2.46	ppb
Sodium	23-2	963.58	952.38	947.51	954.49	0.86	ppb
Strontium	86-1	1.76	1.72	1.67	1.72	2.72	ppb
Strontium	88-1	1.74	1.75	1.71	1.73	1.25	ppb
Sulfur	34-1	296.69	483.39	582.49	454.19	31.95	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.74	1.70	1.74	1.72	1.34	ppb
Thallium	205-1	1.77	1.78	1.74	1.76	1.13	ppb
Tin	118-1	-0.05	-0.06	-0.06	-0.06		ppb
Titanium	47-1	9.22	9.25	9.45	9.31	1.33	ppb
Uranium	238-1	1.72	1.65	1.64	1.67	2.47	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.13	8.69	8.89	8.90	2.45	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	9.51	8.91	9.22	9.21	3.23	ppb
Zirconium	90-1	1.76	1.76	1.78	1.77	0.74	ppb
Zirconium	91-1	1.78	1.75	1.60	1.71	5.43	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P8
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:44:58	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.21	0.08	-0.23		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	74.53	ppb
Arsenic	75-2	0.03	0.01	0.01	0.01	80.88	ppb
Barium	135-1	-0.01	-0.03	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	226.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.05	0.06	0.05	38.17	ppb
Cadmium	106-1	-1.45	-2.71	-1.51	-1.89		ppb
Cadmium	111-1	-0.02	-0.04	-0.01	-0.02		ppb
Calcium	43-1	-0.54	-2.36	-1.38	-1.43		ppb
Calcium	44-1	12.32	12.90	13.62	12.95	5.05	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	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	113.62	ppb
Copper	63-2	-0.01	-0.01	0.00	-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				96		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	0.36	-0.67	0.12	-0.06		ppb
Iron	56-2	-0.16	-0.11	-0.07	-0.11		ppb
Iron	57-2	1.16	-0.31	0.66	0.50	149.18	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.01	113.20	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P8
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:44:58	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.02	0.01	0.01	47.21	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.75	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.02	0.15	0.15	0.10	100.69	ppb
Manganese	55-2	-0.02	-0.02	0.03	0.00	9769.27	ppb
Molybdenum	94-1	0.02	0.00	0.02	0.02	78.42	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	69.61	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	226.74	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	98.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.01	-0.02		ppb
Phosphorus	31-2	-33.87	-20.61	-25.10	-26.53		ppb
Potassium	39-2	18.26	20.54	24.51	21.10	14.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	-0.18	0.23	0.41	0.15	197.32	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.69	-1.27	-0.38	-0.78		ppb
Silicon	28-1	-0.19	-0.08	-0.08	-0.12		ppb
Silver	107-1	0.00	0.01	0.00	0.00	29.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	135.98	ppb
Sodium	23-2	34.48	31.79	31.71	32.66	4.83	ppb
Strontium	86-1	-0.01	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	400.78	575.79	687.24	554.60	26.04	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.06	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	17.18	ppb
Tin	118-1	-0.07	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.01	0.01	-0.01	0.00	420.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P8
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:44:58	DataFile Name :	040CCBE.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				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.11	0.36	0.20	0.23	54.88	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	77.38	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	129.81	ppb

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157663BL Instrumnet Name : P8
 Client Sample ID : PB157663BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:48:22 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.11	-0.03	-0.20		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	74.72	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	4728.71	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.02		ppb
Barium	137-1	0.00	0.00	0.01	0.00	480.57	ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	71.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.26	0.08	0.13	88.70	ppb
Cadmium	106-1	-0.50	-1.59	-2.67	-1.59		ppb
Cadmium	111-1	0.00	-0.04	-0.03	-0.02		ppb
Calcium	43-1	-1.31	0.24	1.91	0.28	578.70	ppb
Calcium	44-1	8.23	8.64	7.20	8.02	9.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.06	-0.04	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00		ppb
Copper	63-2	0.01	-0.01	0.02	0.01	224.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	-0.48	0.45	-0.37	-0.14		ppb
Iron	56-2	-0.20	-0.09	-0.09	-0.13		ppb
Iron	57-2	1.12	-0.16	0.82	0.59	113.76	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.00	0.01	84.36	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P8
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:48:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.01	0.01	18.34	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.41	0.47	0.12	0.33	55.35	ppb
Manganese	55-2	0.01	-0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.02	0.02	37.32	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	67.36	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.01	0.00	0.01	0.00	144.17	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	978.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-27.82	-26.66	-7.32	-20.60		ppb
Potassium	39-2	12.30	15.18	15.52	14.33	12.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.24	0.40	-0.81	-0.22		ppb
Selenium	77-2	0.00	0.92	0.00	0.31	173.21	ppb
Selenium	78-2	1.80	-0.73	-0.17	0.30	441.35	ppb
Silicon	28-1	-0.15	-0.16	-0.26	-0.19		ppb
Silver	107-1	0.00	0.00	0.01	0.01	87.97	ppb
Silver	109-1	0.00	0.00	0.01	0.00	141.43	ppb
Sodium	23-2	27.52	28.53	27.84	27.96	1.86	ppb
Strontium	86-1	0.01	-0.01	0.02	0.00	364.50	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	292.04	421.79	167.86	293.90	43.20	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.32	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	6.48	ppb
Tin	118-1	-0.06	-0.06	-0.04	-0.05		ppb
Titanium	47-1	0.01	-0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P8
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:48:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.19	0.42	0.21	0.27	47.50	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	66.10	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	51.25	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10007.09	10195.23	10187.56	10129.96	1.05	ppb
Antimony	121-1	503.48	489.51	509.41	500.80	2.04	ppb
Arsenic	75-2	491.73	491.59	493.48	492.27	0.21	ppb
Barium	135-1	2531.24	2463.37	2535.65	2510.09	1.61	ppb
Barium	137-1	2545.93	2488.16	2463.18	2499.09	1.70	ppb
Beryllium	9-1	500.93	493.35	509.59	501.29	1.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	503.04	491.65	512.53	502.41	2.08	ppb
Cadmium	106-1	494.81	476.40	519.15	496.78	4.32	ppb
Cadmium	111-1	504.23	487.65	514.37	502.08	2.69	ppb
Calcium	43-1	57234.14	56790.35	57316.36	57113.62	0.50	ppb
Calcium	44-1	54903.97	53576.41	54644.95	54375.11	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.05	489.86	491.25	490.39	0.15	ppb
Cobalt	59-2	504.44	495.15	496.37	498.65	1.01	ppb
Copper	63-2	4972.48	5107.13	5030.86	5036.82	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				84		%
Iron	54-2	26091.21	26650.45	27032.15	26591.27	1.78	ppb
Iron	56-2	26010.74	25951.97	26232.41	26065.04	0.57	ppb
Iron	57-2	25752.79	25940.52	26237.81	25977.04	0.94	ppb
Krypton	83-1						cps
Lead	206-1	2458.26	2404.23	2472.51	2445.00	1.47	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2390.24	2392.52	2432.57	2405.11	0.99	ppb
Lead	208-1	2428.53	2395.43	2435.54	2419.83	0.89	ppb
Lithium	6-1				85		%
Magnesium	24-2	51424.14	51466.92	51851.97	51581.01	0.46	ppb
Manganese	55-2	4923.88	4949.75	5107.85	4993.82	1.99	ppb
Molybdenum	94-1	4811.29	4768.81	4759.38	4779.82	0.58	ppb
Molybdenum	95-1	4881.90	4779.77	4709.09	4790.26	1.81	ppb
Molybdenum	96-1	4815.18	4837.05	4817.69	4823.30	0.25	ppb
Molybdenum	97-1	4917.55	4814.29	4845.34	4859.06	1.09	ppb
Molybdenum	98-1	4896.68	4847.71	4910.69	4885.03	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.41	492.22	501.86	497.16	0.97	ppb
Phosphorus	31-2	9582.42	9913.91	9954.00	9816.78	2.08	ppb
Potassium	39-2	24963.70	25110.11	25489.05	25187.62	1.08	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	82-1	479.31	479.08	489.05	482.48	1.18	ppb
Selenium	77-2	452.85	500.80	467.17	473.61	5.20	ppb
Selenium	78-2	498.12	480.73	521.01	499.95	4.04	ppb
Silicon	28-1	489.42	476.39	486.48	484.10	1.41	ppb
Silver	107-1	506.42	486.43	505.95	499.60	2.28	ppb
Silver	109-1	507.15	499.89	517.56	508.20	1.75	ppb
Sodium	23-2	52028.26	51355.04	52408.41	51930.57	1.03	ppb
Strontium	86-1	12111.89	11980.10	11978.64	12023.54	0.64	ppb
Strontium	88-1	12239.43	11954.80	11987.65	12060.63	1.29	ppb
Sulfur	34-1	8459.28	8435.34	8643.34	8512.66	1.34	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	509.05	492.57	497.95	499.85	1.68	ppb
Thallium	205-1	487.15	479.40	486.74	484.43	0.90	ppb
Tin	118-1	503.38	491.42	507.59	500.79	1.67	ppb
Titanium	47-1	4786.21	4793.47	4835.45	4805.05	0.55	ppb
Uranium	238-1	479.21	461.37	467.90	469.49	1.92	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.46	493.65	493.34	492.48	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				85		%
Zinc	66-2	4958.03	4909.97	4937.79	4935.26	0.49	ppb
Zirconium	90-1	483.69	480.02	486.74	483.48	0.70	ppb
Zirconium	91-1	481.74	478.08	478.03	479.28	0.44	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P8
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:07:41	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10069.29	10286.74	10260.00	10205.34	1.16	ppb
Antimony	121-1	489.31	486.95	498.84	491.70	1.28	ppb
Arsenic	75-2	488.48	504.33	494.31	495.71	1.62	ppb
Barium	135-1	2493.17	2508.11	2487.20	2496.16	0.43	ppb
Barium	137-1	2458.65	2437.48	2476.81	2457.64	0.80	ppb
Beryllium	9-1	492.36	492.50	505.16	496.68	1.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	488.14	500.35	498.50	495.66	1.33	ppb
Cadmium	106-1	484.86	481.89	496.99	487.91	1.64	ppb
Cadmium	111-1	491.71	487.76	491.88	490.45	0.48	ppb
Calcium	43-1	56687.71	58573.65	59542.95	58268.10	2.49	ppb
Calcium	44-1	54312.02	54310.98	55991.76	54871.59	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.05	503.09	505.38	497.17	2.47	ppb
Cobalt	59-2	487.44	512.11	505.57	501.71	2.55	ppb
Copper	63-2	4918.07	5099.92	5072.24	5030.08	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	54-2	26115.68	27320.89	27026.52	26821.03	2.34	ppb
Iron	56-2	26093.15	26308.28	26625.95	26342.46	1.02	ppb
Iron	57-2	25544.71	26472.38	26723.86	26246.98	2.37	ppb
Krypton	83-1						cps
Lead	206-1	2440.60	2397.58	2332.04	2390.07	2.29	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P8
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:07:41	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2503.36	2418.66	2376.43	2432.82	2.66	ppb
Lead	208-1	2474.46	2396.26	2359.93	2410.22	2.43	ppb
Lithium	6-1				85		%
Magnesium	24-2	49863.43	52726.61	53572.60	52054.21	3.73	ppb
Manganese	55-2	4937.08	5047.36	5093.96	5026.13	1.60	ppb
Molybdenum	94-1	4875.06	4674.34	4610.64	4720.01	2.92	ppb
Molybdenum	95-1	4978.49	4679.71	4745.64	4801.28	3.27	ppb
Molybdenum	96-1	4900.84	4705.59	4733.26	4779.90	2.21	ppb
Molybdenum	97-1	4872.56	4651.16	4723.57	4749.10	2.38	ppb
Molybdenum	98-1	4899.78	4694.76	4753.56	4782.70	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.68	507.91	509.29	503.63	1.72	ppb
Phosphorus	31-2	9463.70	9762.39	10050.82	9758.97	3.01	ppb
Potassium	39-2	25368.90	25854.78	26180.71	25801.46	1.58	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	82-1	480.85	477.07	475.61	477.85	0.57	ppb
Selenium	77-2	522.97	517.84	516.85	519.22	0.63	ppb
Selenium	78-2	510.65	511.82	510.81	511.09	0.12	ppb
Silicon	28-1	484.20	495.72	498.04	492.65	1.50	ppb
Silver	107-1	492.21	493.51	507.02	497.58	1.65	ppb
Silver	109-1	496.55	505.99	493.74	498.76	1.29	ppb
Sodium	23-2	50200.40	52867.92	52935.74	52001.36	3.00	ppb
Strontium	86-1	11893.89	11864.79	11843.34	11867.34	0.21	ppb
Strontium	88-1	12014.08	11727.32	11884.42	11875.28	1.21	ppb
Sulfur	34-1	8518.94	8777.25	9158.65	8818.28	3.65	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	490.59	485.56	486.35	487.50	0.56	ppb
Thallium	205-1	486.97	465.21	471.95	474.71	2.35	ppb
Tin	118-1	484.04	500.33	508.19	497.52	2.48	ppb
Titanium	47-1	4865.04	4896.33	5007.65	4923.00	1.52	ppb
Uranium	238-1	477.81	461.48	464.87	468.05	1.84	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P8
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:07:41	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	488.73	498.34	498.34	495.14	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				86		%
Zinc	66-2	4907.37	5064.90	5056.16	5009.48	1.77	ppb
Zirconium	90-1	489.86	480.99	477.44	482.76	1.33	ppb
Zirconium	91-1	477.29	462.45	471.33	470.36	1.59	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10082.72	10292.26	10232.20	10202.39	1.06	ppb
Antimony	121-1	489.30	506.77	520.69	505.59	3.11	ppb
Arsenic	75-2	490.83	493.13	497.12	493.70	0.65	ppb
Barium	135-1	2519.64	2578.02	2621.68	2573.11	1.99	ppb
Barium	137-1	2450.60	2508.27	2564.04	2507.64	2.26	ppb
Beryllium	9-1	475.62	499.70	490.34	488.55	2.49	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	489.95	508.34	506.78	501.69	2.03	ppb
Cadmium	106-1	489.68	499.58	512.39	500.55	2.27	ppb
Cadmium	111-1	491.75	506.26	514.79	504.27	2.31	ppb
Calcium	43-1	57712.40	58019.62	57332.45	57688.16	0.60	ppb
Calcium	44-1	53598.72	55008.03	54799.28	54468.68	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.73	493.59	499.24	496.18	0.57	ppb
Cobalt	59-2	503.51	497.00	511.83	504.11	1.47	ppb
Copper	63-2	5077.21	5007.00	4976.66	5020.29	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	54-2	27149.76	27048.99	27329.15	27175.97	0.52	ppb
Iron	56-2	26520.06	26280.70	26442.20	26414.32	0.46	ppb
Iron	57-2	26390.33	26140.04	26225.06	26251.81	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2399.01	2428.27	2476.88	2434.72	1.62	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2369.11	2442.04	2491.41	2434.19	2.53	ppb
Lead	208-1	2383.52	2447.96	2469.48	2433.65	1.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	51761.54	50321.98	51884.12	51322.55	1.69	ppb
Manganese	55-2	4987.19	5045.08	5043.53	5025.27	0.66	ppb
Molybdenum	94-1	4671.29	4906.63	4957.51	4845.14	3.15	ppb
Molybdenum	95-1	4768.65	4817.28	4944.72	4843.55	1.88	ppb
Molybdenum	96-1	4713.31	4794.02	4938.75	4815.36	2.37	ppb
Molybdenum	97-1	4792.31	4895.15	4997.95	4895.14	2.10	ppb
Molybdenum	98-1	4818.85	5019.40	4968.49	4935.58	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.41	504.07	504.65	504.38	0.06	ppb
Phosphorus	31-2	9904.17	9804.55	10035.27	9914.66	1.17	ppb
Potassium	39-2	25662.79	25610.46	25560.44	25611.23	0.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	82-1	471.16	499.42	500.49	490.36	3.39	ppb
Selenium	77-2	545.16	487.85	470.88	501.30	7.76	ppb
Selenium	78-2	493.58	485.24	506.74	495.19	2.19	ppb
Silicon	28-1	497.02	492.45	488.22	492.56	0.89	ppb
Silver	107-1	499.20	515.36	519.42	511.33	2.09	ppb
Silver	109-1	494.04	512.46	527.33	511.28	3.26	ppb
Sodium	23-2	53110.96	50195.49	51750.89	51685.78	2.82	ppb
Strontium	86-1	11752.31	12363.24	12409.76	12175.10	3.01	ppb
Strontium	88-1	11770.94	12183.53	12264.63	12073.03	2.19	ppb
Sulfur	34-1	8672.71	8647.78	8490.95	8603.81	1.15	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	488.33	493.98	509.24	497.18	2.18	ppb
Thallium	205-1	476.40	483.20	500.03	486.55	2.50	ppb
Tin	118-1	495.35	514.28	525.22	511.62	2.95	ppb
Titanium	47-1	4887.41	4953.52	4926.41	4922.45	0.68	ppb
Uranium	238-1	466.71	469.22	479.44	471.79	1.43	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.24	492.19	495.53	494.32	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	4987.30	4987.30	5036.20	5003.60	0.56	ppb
Zirconium	90-1	473.94	486.67	498.49	486.37	2.52	ppb
Zirconium	91-1	467.74	487.89	494.61	483.41	2.89	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53686.99	52102.11	51378.62	52389.24	2.25	ppb
Antimony	121-1	490.92	499.44	500.52	496.96	1.06	ppb
Arsenic	75-2	503.55	501.06	496.13	500.25	0.75	ppb
Barium	135-1	2505.34	2512.34	2599.38	2539.02	2.06	ppb
Barium	137-1	2444.88	2461.12	2548.47	2484.82	2.24	ppb
Beryllium	9-1	501.60	521.76	515.92	513.09	2.02	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	487.73	485.75	493.89	489.12	0.87	ppb
Cadmium	106-1	481.02	489.33	501.35	490.57	2.08	ppb
Cadmium	111-1	474.50	484.72	494.72	484.65	2.09	ppb
Calcium	43-1	256725.73	263513.90	266134.46	262124.69	1.85	ppb
Calcium	44-1	258831.91	263977.23	264993.60	262600.91	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.68	489.81	497.41	496.63	1.30	ppb
Cobalt	59-2	499.63	506.31	504.27	503.40	0.68	ppb
Copper	63-2	4902.12	4947.72	4866.49	4905.45	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				82		%
Iron	54-2	132508.68	130008.01	131118.96	131211.88	0.95	ppb
Iron	56-2	133015.41	130387.95	132724.26	132042.54	1.09	ppb
Iron	57-2	131279.12	132080.07	132866.08	132075.09	0.60	ppb
Krypton	83-1						cps
Lead	206-1	2462.61	2581.84	2695.24	2579.89	4.51	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2429.56	2562.10	2641.57	2544.41	4.21	ppb
Lead	208-1	2442.12	2540.19	2629.07	2537.13	3.69	ppb
Lithium	6-1				81		%
Magnesium	24-2	265423.11	260457.83	264035.12	263305.35	0.97	ppb
Manganese	55-2	5015.88	4905.48	5078.70	5000.02	1.75	ppb
Molybdenum	94-1	5042.28	4855.47	5092.61	4996.79	2.50	ppb
Molybdenum	95-1	5037.50	4920.03	5061.26	5006.26	1.51	ppb
Molybdenum	96-1	5095.78	4933.37	4909.19	4979.45	2.04	ppb
Molybdenum	97-1	5015.83	4932.17	4991.82	4979.94	0.86	ppb
Molybdenum	98-1	5115.26	4967.06	4992.51	5024.94	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.33	487.16	496.45	495.65	1.64	ppb
Phosphorus	31-2	10019.64	9955.38	10038.69	10004.57	0.44	ppb
Potassium	39-2	125180.87	122357.69	124335.25	123957.94	1.17	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	82-1	488.11	472.21	486.86	482.39	1.83	ppb
Selenium	77-2	506.51	474.59	468.50	483.20	4.23	ppb
Selenium	78-2	475.39	476.35	491.35	481.03	1.86	ppb
Silicon	28-1	541.82	567.00	573.38	560.73	2.98	ppb
Silver	107-1	501.46	496.77	503.26	500.50	0.67	ppb
Silver	109-1	491.02	505.08	503.64	499.91	1.55	ppb
Sodium	23-2	259814.38	254114.01	260247.49	258058.63	1.33	ppb
Strontium	86-1	12715.21	12218.50	12514.30	12482.67	2.00	ppb
Strontium	88-1	12745.96	12338.73	12832.19	12638.96	2.09	ppb
Sulfur	34-1	8879.76	9087.12	9480.26	9149.04	3.33	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	503.96	522.41	538.97	521.78	3.36	ppb
Thallium	205-1	499.91	514.26	536.25	516.81	3.54	ppb
Tin	118-1	494.86	506.84	507.49	503.06	1.41	ppb
Titanium	47-1	4916.90	5054.55	5188.76	5053.40	2.69	ppb
Uranium	238-1	488.59	517.10	522.55	509.41	3.58	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	508.20	499.01	504.26	503.82	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				85		%
Zinc	66-2	4888.56	4825.94	4872.18	4862.23	0.67	ppb
Zirconium	90-1	495.16	500.99	508.26	501.47	1.31	ppb
Zirconium	91-1	498.26	487.39	505.95	497.20	1.88	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	0.05	1.43	0.32	310.88	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	29.77	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	73.30	ppb
Barium	135-1	-0.01	-0.02	0.06	0.01	399.93	ppb
Barium	137-1	0.02	0.02	0.10	0.05	92.33	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	28.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.15	0.10	0.13	0.13	19.37	ppb
Cadmium	106-1	-2.82	-3.58	-1.75	-2.72		ppb
Cadmium	111-1	-0.03	-0.03	-0.01	-0.02		ppb
Calcium	43-1	0.39	23.22	-2.37	7.08	198.38	ppb
Calcium	44-1	12.78	32.15	11.73	18.89	60.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.01	0.03	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	47.53	ppb
Copper	63-2	0.05	0.03	0.10	0.06	59.46	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				98		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	0.12	-0.35	2.81	0.86	198.32	ppb
Iron	56-2	0.13	0.16	1.33	0.54	126.84	ppb
Iron	57-2	0.52	0.35	1.62	0.83	82.92	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.11	0.10	11.60	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.10	0.10	0.10	5.79	ppb
Lead	208-1	0.10	0.09	0.10	0.10	4.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.89	0.55	10.40	3.95	141.74	ppb
Manganese	55-2	0.03	0.01	0.04	0.03	52.99	ppb
Molybdenum	94-1	0.05	0.13	1.07	0.41	137.39	ppb
Molybdenum	95-1	0.06	0.11	1.10	0.43	137.72	ppb
Molybdenum	96-1	0.06	0.07	1.01	0.38	143.56	ppb
Molybdenum	97-1	0.07	0.06	0.96	0.36	143.32	ppb
Molybdenum	98-1	0.07	0.10	0.75	0.30	126.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-20.95	-34.93	11.16	-14.91		ppb
Potassium	39-2	32.63	30.09	28.02	30.24	7.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	82-1	0.13	0.56	-0.04	0.22	141.95	ppb
Selenium	77-2	1.05	0.00	0.00	0.35	173.21	ppb
Selenium	78-2	-0.93	-0.95	-0.08	-0.65		ppb
Silicon	28-1	-0.34	-0.08	-0.27	-0.23		ppb
Silver	107-1	0.01	0.01	0.06	0.03	102.00	ppb
Silver	109-1	0.01	0.01	0.06	0.03	105.82	ppb
Sodium	23-2	56.57	60.05	69.81	62.14	11.04	ppb
Strontium	86-1	0.08	0.32	0.03	0.14	107.89	ppb
Strontium	88-1	0.11	0.25	0.35	0.24	49.93	ppb
Sulfur	34-1	-508.96	-112.26	-12.20	-211.14		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.02	0.03	0.03	17.33	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	20.39	ppb
Tin	118-1	-0.05	-0.06	-0.04	-0.05		ppb
Titanium	47-1	0.04	0.49	0.02	0.18	148.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.59	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	192.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	0.19	0.21	-0.04	0.12	118.63	ppb
Zirconium	90-1	0.01	0.02	0.06	0.03	98.38	ppb
Zirconium	91-1	0.01	0.01	0.07	0.03	137.08	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.42	0.20	-0.12		ppb
Antimony	121-1	0.01	0.01	0.03	0.02	64.33	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	282.28	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	43.33	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.19	0.06	0.13	52.31	ppb
Cadmium	106-1	-2.43	-1.92	-2.47	-2.28		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	-0.24	1.72	-2.90	-0.47		ppb
Calcium	44-1	20.82	15.22	24.59	20.21	23.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	74.50	ppb
Copper	63-2	-0.01	0.07	0.03	0.03	146.85	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				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	0.23	-0.51	1.11	0.28	290.37	ppb
Iron	56-2	0.15	0.01	0.77	0.31	131.08	ppb
Iron	57-2	0.17	0.57	0.93	0.56	68.97	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.08	0.07	14.83	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.06	0.09	0.08	19.54	ppb
Lead	208-1	0.07	0.08	0.09	0.08	8.01	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.56	0.53	7.15	2.75	138.75	ppb
Manganese	55-2	0.02	0.01	0.08	0.04	102.62	ppb
Molybdenum	94-1	0.05	0.04	0.06	0.05	23.44	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	11.48	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	61.48	ppb
Molybdenum	97-1	0.02	0.01	0.04	0.02	62.26	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	39.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-48.06	-8.07	-16.09	-24.07		ppb
Potassium	39-2	22.34	21.96	26.96	23.75	11.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.25	-0.73	0.46	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.05	-0.69	-0.40	-0.01		ppb
Silicon	28-1	-0.15	-0.26	0.03	-0.13		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.42	ppb
Silver	109-1	0.01	0.00	0.01	0.01	45.90	ppb
Sodium	23-2	52.32	51.04	59.35	54.24	8.24	ppb
Strontium	86-1	0.01	0.01	0.03	0.02	65.93	ppb
Strontium	88-1	0.03	0.02	0.03	0.02	30.03	ppb
Sulfur	34-1	2.38	-224.11	581.82	120.03	346.28	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.01	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.74	ppb
Tin	118-1	-0.06	-0.06	-0.06	-0.06		ppb
Titanium	47-1	0.04	0.00	0.04	0.03	79.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.38	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.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				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.20	0.26	0.16	0.21	24.92	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	118.85	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	50.65	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51448.79	52016.14	53028.60	52164.51	1.53	ppb
Antimony	121-1	495.94	501.93	493.64	497.17	0.86	ppb
Arsenic	75-2	484.76	490.29	499.83	491.63	1.55	ppb
Barium	135-1	2510.60	2567.32	2542.96	2540.29	1.12	ppb
Barium	137-1	2407.96	2486.56	2504.06	2466.19	2.08	ppb
Beryllium	9-1	504.57	513.53	520.47	512.86	1.55	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	480.03	492.60	488.22	486.95	1.31	ppb
Cadmium	106-1	492.24	499.07	493.75	495.02	0.73	ppb
Cadmium	111-1	477.23	491.03	488.47	485.58	1.51	ppb
Calcium	43-1	264125.07	261873.75	266224.53	264074.45	0.82	ppb
Calcium	44-1	259146.60	257777.71	257957.50	258293.94	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.87	494.56	497.97	496.13	0.35	ppb
Cobalt	59-2	490.07	497.68	500.76	496.17	1.11	ppb
Copper	63-2	4798.92	4831.56	4929.88	4853.45	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				95		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				82		%
Iron	54-2	126588.15	129833.11	131159.52	129193.59	1.82	ppb
Iron	56-2	131066.15	128720.14	133190.34	130992.21	1.71	ppb
Iron	57-2	125992.34	132401.49	129280.56	129224.80	2.48	ppb
Krypton	83-1						cps
Lead	206-1	2482.84	2620.75	2551.60	2551.73	2.70	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2489.90	2542.70	2523.17	2518.59	1.06	ppb
Lead	208-1	2499.03	2535.96	2547.25	2527.41	1.00	ppb
Lithium	6-1				83		%
Magnesium	24-2	257433.48	255636.64	267573.57	260214.56	2.47	ppb
Manganese	55-2	4976.90	4841.73	5054.68	4957.77	2.17	ppb
Molybdenum	94-1	4876.80	5044.52	4972.07	4964.46	1.69	ppb
Molybdenum	95-1	4822.89	5020.78	4922.75	4922.14	2.01	ppb
Molybdenum	96-1	4709.32	5073.24	4927.38	4903.31	3.74	ppb
Molybdenum	97-1	4762.21	5083.44	4977.47	4941.04	3.31	ppb
Molybdenum	98-1	4867.72	5058.26	5026.26	4984.08	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.06	477.39	491.53	484.66	1.46	ppb
Phosphorus	31-2	9756.44	10002.50	9987.61	9915.51	1.39	ppb
Potassium	39-2	122107.90	122866.39	124403.78	123126.02	0.95	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	477.19	496.65	471.69	481.84	2.72	ppb
Selenium	77-2	503.95	519.81	447.91	490.56	7.70	ppb
Selenium	78-2	475.44	488.02	481.95	481.80	1.31	ppb
Silicon	28-1	565.07	559.83	566.06	563.65	0.59	ppb
Silver	107-1	496.34	498.79	499.88	498.34	0.36	ppb
Silver	109-1	498.78	504.41	502.73	501.97	0.58	ppb
Sodium	23-2	251422.26	249370.14	260005.71	253599.37	2.22	ppb
Strontium	86-1	11787.81	12560.47	12445.48	12264.58	3.40	ppb
Strontium	88-1	11876.26	12701.85	12347.39	12308.50	3.36	ppb
Sulfur	34-1	10096.65	10041.99	10104.26	10080.96	0.34	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	519.70	525.85	515.07	520.21	1.04	ppb
Thallium	205-1	500.30	518.96	509.29	509.52	1.83	ppb
Tin	118-1	489.04	507.83	503.41	500.09	1.96	ppb
Titanium	47-1	4953.88	4933.02	5060.59	4982.50	1.37	ppb
Uranium	238-1	502.16	503.02	509.95	505.04	0.85	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.23	491.36	508.40	500.66	1.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				85		%
Zinc	66-2	4785.93	4768.97	4824.90	4793.27	0.60	ppb
Zirconium	90-1	481.16	499.99	515.24	498.80	3.42	ppb
Zirconium	91-1	478.70	504.28	500.58	494.52	2.80	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	1.38	-0.01	0.72	96.83	ppb
Antimony	121-1	0.04	0.06	0.10	0.07	45.50	ppb
Arsenic	75-2	-0.01	0.03	0.01	0.01	251.02	ppb
Barium	135-1	0.02	-0.01	0.06	0.02	170.87	ppb
Barium	137-1	0.01	0.01	0.04	0.02	85.13	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	13.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.09	0.11	0.10	8.60	ppb
Cadmium	106-1	-3.40	-3.74	-3.70	-3.61		ppb
Cadmium	111-1	-0.03	-0.04	-0.02	-0.03		ppb
Calcium	43-1	-0.95	3.18	6.39	2.88	127.94	ppb
Calcium	44-1	18.25	21.57	16.70	18.84	13.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.00	0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.15	0.03	0.07	91.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	0.34	3.91	0.28	1.51	137.52	ppb
Iron	56-2	0.19	2.87	0.55	1.20	120.45	ppb
Iron	57-2	0.37	3.71	1.67	1.92	87.73	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	3.15	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.10	0.11	0.11	13.02	ppb
Lead	208-1	0.12	0.12	0.12	0.12	1.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	1.37	14.66	1.29	5.78	133.29	ppb
Manganese	55-2	0.06	0.13	0.01	0.07	94.19	ppb
Molybdenum	94-1	0.07	0.11	0.78	0.32	124.59	ppb
Molybdenum	95-1	0.05	0.07	0.71	0.28	134.05	ppb
Molybdenum	96-1	0.04	0.04	0.51	0.20	139.87	ppb
Molybdenum	97-1	0.04	0.06	0.46	0.19	127.57	ppb
Molybdenum	98-1	0.06	0.05	0.43	0.18	120.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-36.59	-22.65	-22.17	-27.14		ppb
Potassium	39-2	32.50	40.44	33.65	35.53	12.08	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.29	0.02	-0.29	0.01	3066.23	ppb
Selenium	77-2	1.00	0.00	0.00	0.33	173.21	ppb
Selenium	78-2	-0.66	0.26	-0.35	-0.25		ppb
Silicon	28-1	-0.19	-0.01	-0.20	-0.13		ppb
Silver	107-1	0.01	0.01	0.03	0.02	58.37	ppb
Silver	109-1	0.01	0.01	0.03	0.02	67.23	ppb
Sodium	23-2	68.93	89.94	75.87	78.25	13.68	ppb
Strontium	86-1	0.06	0.04	0.50	0.20	129.82	ppb
Strontium	88-1	0.07	0.10	1.05	0.41	138.08	ppb
Sulfur	34-1	29.85	237.08	134.77	133.90	77.38	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.03	0.02	9.56	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	8.17	ppb
Tin	118-1	-0.06	-0.06	-0.04	-0.05		ppb
Titanium	47-1	-0.01	0.01	0.06	0.02	193.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.26	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.02	0.00	0.01	189.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	0.01	0.13	-0.21	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.09	0.03	142.67	ppb
Zirconium	91-1	0.01	0.01	0.07	0.03	110.36	ppb

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	133	90	108	21.06	cps
Antimony	121-1	13	33	23	23	42.86	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	77	63	83	74	13.68	cps
Barium	137-1	73	57	70	67	13.22	cps
Beryllium	9-1	39	35	34	36	7.26	cps
Bismuth	209-1	7428789	7668250	7700205	7599081	1.95	cps
Bismuth	209-2	3492227	3502576	3426293	3473698	1.19	cps
Bromine	81-1	2910	3020	2904	2945	2.23	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	3811	4041	3604	3818	5.72	cps
Cadmium	111-1	385	408	361	385	6.11	cps
Calcium	43-1	193	233	207	211	9.65	cps
Calcium	44-1	24792	24788	24625	24735	0.39	cps
Carbon	12-1	2289776	2334377	2267228	2297127	1.49	cps
Carbon	12-2	29940	29503	30231	29892	1.23	cps
Chlorine	35-1	118708	98955	97271	104978	11.35	cps
Chlorine	35-2	737	713	723	724	1.62	cps
Chromium	52-2	980	1100	1097	1059	6.45	cps
Cobalt	59-2	130	93	100	108	18.12	cps
Copper	63-2	733	787	647	722	9.78	cps
Dysprosium	156-1	17	20	3	13	66.16	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	87	93	67	82	16.87	cps
Erbium	164-2	33	40	30	34	14.78	cps
Gadolinium	160-1	107	97	120	108	10.86	cps
Gadolinium	160-2	173	150	160	161	7.27	cps
Holmium	165-1	11247647	11266877	11145771	11220098	0.58	cps
Holmium	165-2	4544404	4560862	4570079	4558448	0.29	cps
Indium	115-1	8003006	8274428	8095790	8124408	1.70	cps
Indium	115-2	1223505	1217404	1229705	1223538	0.50	cps
Iron	54-2	340	297	280	306	10.14	cps
Iron	56-2	2257	2170	2224	2217	1.97	cps
Iron	57-2	103	110	100	104	4.88	cps
Krypton	83-1	187	210	213	203	7.15	cps
Lead	206-1	123	150	153	142	11.56	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	133	80	110	108	24.81	cps
Lead	208-1	517	503	493	504	2.32	cps
Lithium	6-1	2799974	2852058	2926688	2859573	2.23	cps
Magnesium	24-2	103	90	137	110	21.85	cps
Manganese	55-2	43	53	50	49	10.42	cps
Molybdenum	94-1	147	103	173	141	25.04	cps
Molybdenum	95-1	60	43	50	51	16.42	cps
Molybdenum	96-1	240	153	153	182	27.46	cps
Molybdenum	97-1	23	47	27	32	39.17	cps
Molybdenum	98-1	73	160	83	106	44.92	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87	70	77	78	10.79	cps
Phosphorus	31-2	227	233	267	242	8.85	cps
Potassium	39-2	8953	8302	8593	8616	3.78	cps
Rhodium	103-1	8188908	8169912	8309571	8222797	0.92	cps
Rhodium	103-2	3585835	3534551	3639428	3586605	1.46	cps
Scandium	45-1	5398395	5559823	5417286	5458501	1.62	cps
Scandium	45-2	197437	196755	198374	197522	0.41	cps
Selenium	82-1	-27	7	23	1	2293.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	13	23	19	26.96	cps
Silicon	28-1	214070	215868	213918	214618	0.51	cps
Silver	107-1	27	80	63	57	48.15	cps
Silver	109-1	17	53	17	29	73.26	cps
Sodium	23-2	9950	10074	10300	10108	1.76	cps
Strontium	86-1	437	380	420	412	7.07	cps
Strontium	88-1	807	797	750	784	3.86	cps
Sulfur	34-1	335594	330575	329444	331871	0.99	cps
Terbium	159-1	10952354	11254242	11205683	11137427	1.46	cps
Terbium	159-2	4341771	4452740	4419309	4404607	1.29	cps
Thallium	203-1	67	60	67	64	5.98	cps
Thallium	205-1	200	160	150	170	15.56	cps
Tin	118-1	853	900	930	894	4.32	cps
Titanium	47-1	103	97	73	91	17.29	cps
Uranium	238-1	17	20	17	18	10.81	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 12:55:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	23	16	44.60	cps
Ytterbium	172-1	73	50	67	63	18.98	cps
Ytterbium	172-2	47	30	37	38	22.21	cps
Ytterbium	176-1	1500	1660	1640	1600	5.45	cps
Ytterbium	176-2	14818	14692	14885	14798	0.66	cps
Yttrium	89-1	12801699	13101989	12816748	12906812	1.31	cps
Yttrium	89-2	1422301	1416722	1398985	1412669	0.86	cps
Zinc	66-2	607	470	593	557	13.54	cps
Zirconium	90-1	493	467	537	499	7.08	cps
Zirconium	91-1	80	87	83	83	4.00	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1153	1240	1217	1203	3.73	cps
Antimony	121-1	12019	12709	12286	12338	2.82	cps
Arsenic	75-2	193	160	160	171	11.25	cps
Barium	135-1	14368	14194	14354	14305	0.67	cps
Barium	137-1	25117	24643	25581	25113	1.87	cps
Beryllium	9-1	1726	1721	1760	1736	1.21	cps
Bismuth	209-1	7646712	7631741	7591654	7623369	0.37	cps
Bismuth	209-2	3472871	3409459	3359353	3413894	1.67	cps
Bromine	81-1	2884	2740	3107	2910	6.35	cps
Cadmium	108-1	170	170	120	153	18.83	cps
Cadmium	106-1	4114	4001	4044	4053	1.41	cps
Cadmium	111-1	2029	1915	2074	2006	4.10	cps
Calcium	43-1	10084	10170	10514	10256	2.22	cps
Calcium	44-1	181038	181540	181881	181486	0.23	cps
Carbon	12-1	2230085	2153528	2193388	2192334	1.75	cps
Carbon	12-2	28832	28885	28815	28844	0.13	cps
Chlorine	35-1	117322	102278	101432	107010	8.35	cps
Chlorine	35-2	743	760	807	770	4.26	cps
Chromium	52-2	4707	4851	4557	4705	3.12	cps
Cobalt	59-2	3584	3550	3621	3585	0.98	cps
Copper	63-2	5845	5945	5781	5857	1.41	cps
Dysprosium	156-1	20	27	7	18	57.27	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	63	67	67	66	2.94	cps
Erbium	164-2	23	20	33	26	27.15	cps
Gadolinium	160-1	90	70	127	96	30.08	cps
Gadolinium	160-2	173	160	147	160	8.33	cps
Holmium	165-1	10858507	11064960	11514544	11146004	3.01	cps
Holmium	165-2	4605600	4529553	4500940	4545364	1.19	cps
Indium	115-1	8304918	8164642	8101201	8190254	1.27	cps
Indium	115-2	1221713	1227724	1215226	1221554	0.51	cps
Iron	54-2	4557	4818	4704	4693	2.78	cps
Iron	56-2	80113	80596	79386	80032	0.76	cps
Iron	57-2	2287	2034	2044	2121	6.76	cps
Krypton	83-1	230	180	200	203	12.38	cps
Lead	206-1	5531	5921	5795	5749	3.46	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4858	4814	5261	4978	4.95	cps
Lead	208-1	22228	23055	23242	22841	2.36	cps
Lithium	6-1	2796782	2762810	2845516	2801703	1.48	cps
Magnesium	24-2	78996	79884	79241	79374	0.58	cps
Manganese	55-2	943	993	997	978	3.06	cps
Molybdenum	94-1	13056	13357	13230	13214	1.14	cps
Molybdenum	95-1	16019	15849	15829	15899	0.66	cps
Molybdenum	96-1	17104	17975	17741	17607	2.56	cps
Molybdenum	97-1	9864	9927	10037	9943	0.88	cps
Molybdenum	98-1	25620	25490	25333	25481	0.56	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	990	883	850	908	8.06	cps
Phosphorus	31-2	297	320	307	308	3.80	cps
Potassium	39-2	58622	58143	57581	58115	0.90	cps
Rhodium	103-1	8030098	8226568	8136910	8131192	1.21	cps
Rhodium	103-2	3567037	3572428	3513495	3550987	0.92	cps
Scandium	45-1	5450675	5408528	5452485	5437229	0.46	cps
Scandium	45-2	195622	197416	193269	195436	1.06	cps
Selenium	82-1	540	530	597	556	6.47	cps
Selenium	77-2	23	20	40	28	38.58	cps
Selenium	78-2	67	83	73	74	11.26	cps
Silicon	28-1	240405	238206	239680	239430	0.47	cps
Silver	107-1	7749	7949	8096	7931	2.20	cps
Silver	109-1	7279	7545	7796	7540	3.43	cps
Sodium	23-2	148992	149544	148743	149093	0.27	cps
Strontium	86-1	2284	2290	2217	2264	1.79	cps
Strontium	88-1	17828	17591	17538	17652	0.88	cps
Sulfur	34-1	339885	343900	342791	342192	0.61	cps
Terbium	159-1	11336038	11146608	11286082	11256243	0.87	cps
Terbium	159-2	4509713	4417649	4388889	4438750	1.42	cps
Thallium	203-1	6602	6342	6995	6646	4.95	cps
Thallium	205-1	16187	15826	16751	16255	2.87	cps
Tin	118-1	25801	26506	26773	26360	1.90	cps
Titanium	47-1	4768	4968	4768	4834	2.39	cps
Uranium	238-1	22894	22941	23428	23088	1.28	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:02:09	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7199	7872	7559	7543	4.47	cps
Ytterbium	172-1	103	90	43	79	39.94	cps
Ytterbium	172-2	23	23	43	30	38.49	cps
Ytterbium	176-1	1527	1663	1410	1533	8.27	cps
Ytterbium	176-2	14678	14695	14561	14645	0.50	cps
Yttrium	89-1	12975215	12817357	12999130	12930567	0.76	cps
Yttrium	89-2	1433088	1437934	1398042	1423021	1.53	cps
Zinc	66-2	2267	2187	2200	2218	1.93	cps
Zirconium	90-1	11245	11225	11088	11186	0.76	cps
Zirconium	91-1	2560	2464	2444	2489	2.51	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58437	56733	56874	57348	1.65	cps
Antimony	121-1	331018	330361	326282	329220	0.78	cps
Arsenic	75-2	8072	8276	8206	8185	1.26	cps
Barium	135-1	386163	385876	382821	384953	0.48	cps
Barium	137-1	677954	670337	677632	675308	0.64	cps
Beryllium	9-1	90933	90015	90736	90561	0.53	cps
Bismuth	209-1	7531144	7550865	7485703	7522571	0.44	cps
Bismuth	209-2	3386554	3342598	3440544	3389899	1.45	cps
Bromine	81-1	2700	2864	2600	2721	4.89	cps
Cadmium	108-1	6875	6952	6768	6865	1.34	cps
Cadmium	106-1	13493	13170	12906	13190	2.23	cps
Cadmium	111-1	81252	81914	82378	81848	0.69	cps
Calcium	43-1	120530	117996	116863	118463	1.58	cps
Calcium	44-1	1834543	1811056	1789861	1811820	1.23	cps
Carbon	12-1	2258968	2259612	2231274	2249952	0.72	cps
Carbon	12-2	29620	28772	28952	29114	1.53	cps
Chlorine	35-1	146353	132355	129099	135936	6.74	cps
Chlorine	35-2	963	843	903	903	6.64	cps
Chromium	52-2	100016	97133	98600	98583	1.46	cps
Cobalt	59-2	173828	172028	173157	173004	0.53	cps
Copper	63-2	1363070	1360634	1362411	1362038	0.09	cps
Dysprosium	156-1	27	30	17	24	28.38	cps
Dysprosium	156-2	20	3	13	12	68.66	cps
Erbium	164-1	110	83	107	100	14.53	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	103	100	100	101	1.90	cps
Gadolinium	160-2	167	207	153	176	15.81	cps
Holmium	165-1	11251412	11251045	10982221	11161559	1.39	cps
Holmium	165-2	4338279	4289588	4457735	4361867	1.98	cps
Indium	115-1	8189770	8194774	8086837	8157127	0.75	cps
Indium	115-2	1174155	1147240	1170010	1163802	1.25	cps
Iron	54-2	226848	220509	222707	223355	1.44	cps
Iron	56-2	4045720	3900434	3892499	3946218	2.19	cps
Iron	57-2	100280	98088	99055	99141	1.11	cps
Krypton	83-1	163	140	210	171	20.83	cps
Lead	206-1	1546847	1529761	1545045	1540551	0.61	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1356346	1347019	1351015	1351460	0.35	cps
Lead	208-1	6300978	6282034	6264969	6282660	0.29	cps
Lithium	6-1	2828958	2830304	2841656	2833639	0.25	cps
Magnesium	24-2	816726	810915	816007	814549	0.39	cps
Manganese	55-2	493444	478731	483699	485292	1.54	cps
Molybdenum	94-1	1247950	1236868	1228903	1237907	0.77	cps
Molybdenum	95-1	1774754	1730868	1744232	1749951	1.29	cps
Molybdenum	96-1	1981909	1905721	1945115	1944249	1.96	cps
Molybdenum	97-1	1127627	1114138	1110883	1117549	0.79	cps
Molybdenum	98-1	2856911	2844293	2837118	2846107	0.35	cps
Neodymium	150-1	40	37	33	37	9.10	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	47255	47389	47258	47301	0.16	cps
Phosphorus	31-2	2897	2894	2940	2910	0.89	cps
Potassium	39-2	265410	263233	261314	263319	0.78	cps
Rhodium	103-1	8116054	8061519	7791431	7989668	2.18	cps
Rhodium	103-2	3486716	3417965	3464540	3456407	1.02	cps
Scandium	45-1	5363491	5277416	5306917	5315941	0.82	cps
Scandium	45-2	188551	184100	186581	186411	1.20	cps
Selenium	82-1	5958	6101	5805	5955	2.49	cps
Selenium	77-2	213	200	173	196	10.41	cps
Selenium	78-2	637	547	600	594	7.61	cps
Silicon	28-1	2716804	2627717	2625943	2656822	1.96	cps
Silver	107-1	440142	441187	437383	439571	0.45	cps
Silver	109-1	422952	416006	417873	418944	0.86	cps
Sodium	23-2	1472258	1455373	1444932	1457521	0.95	cps
Strontium	86-1	2629399	2609935	2588311	2609215	0.79	cps
Strontium	88-1	22813770	21903626	22567760	22428385	2.10	cps
Sulfur	34-1	376529	373144	369390	373021	0.96	cps
Terbium	159-1	11123797	11686194	11321350	11377113	2.51	cps
Terbium	159-2	4271496	4335475	4361480	4322817	1.07	cps
Thallium	203-1	373008	364005	369161	368725	1.23	cps
Thallium	205-1	899786	886651	885511	890649	0.89	cps
Tin	118-1	275390	278196	274339	275975	0.72	cps
Titanium	47-1	483721	484001	476477	481400	0.89	cps
Uranium	238-1	1288180	1284416	1287840	1286812	0.16	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:05:33	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	75695	74606	75384	75228	0.75	cps
Ytterbium	172-1	63	87	97	82	20.81	cps
Ytterbium	172-2	40	23	37	33	26.47	cps
Ytterbium	176-1	2984	3147	3087	3073	2.69	cps
Ytterbium	176-2	13874	14518	15062	14485	4.11	cps
Yttrium	89-1	12730632	12721767	12688857	12713752	0.17	cps
Yttrium	89-2	1357653	1335461	1350838	1347984	0.84	cps
Zinc	66-2	166055	161257	162815	163376	1.50	cps
Zirconium	90-1	584990	577437	574750	579059	0.92	cps
Zirconium	91-1	132019	132120	128964	131034	1.37	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137981	135571	136803	136785	0.88	cps
Antimony	121-1	806342	814793	803826	808320	0.71	cps
Arsenic	75-2	19617	19874	19794	19762	0.67	cps
Barium	135-1	934755	939587	943466	939269	0.46	cps
Barium	137-1	1603053	1674167	1650366	1642529	2.20	cps
Beryllium	9-1	217491	219123	217107	217907	0.49	cps
Bismuth	209-1	7545920	6600899	7443311	7196710	7.21	cps
Bismuth	209-2	3283878	3231169	3306270	3273772	1.18	cps
Bromine	81-1	2567	2744	2527	2612	4.41	cps
Cadmium	108-1	16613	17318	16951	16961	2.08	cps
Cadmium	106-1	26172	26248	26442	26287	0.53	cps
Cadmium	111-1	197547	200636	197063	198415	0.98	cps
Calcium	43-1	287995	291059	284244	287766	1.19	cps
Calcium	44-1	4401086	4461776	4356009	4406290	1.20	cps
Carbon	12-1	2248272	2248057	2266121	2254150	0.46	cps
Carbon	12-2	29857	29543	29630	29677	0.55	cps
Chlorine	35-1	141341	129812	129388	133514	5.08	cps
Chlorine	35-2	903	933	977	938	3.93	cps
Chromium	52-2	234886	234032	231028	233315	0.87	cps
Cobalt	59-2	411255	413011	408728	410998	0.52	cps
Copper	63-2	3252238	3248085	3238094	3246139	0.22	cps
Dysprosium	156-1	67	63	53	61	11.36	cps
Dysprosium	156-2	53	30	47	43	27.73	cps
Erbium	164-1	80	63	80	74	12.93	cps
Erbium	164-2	40	17	60	39	55.76	cps
Gadolinium	160-1	120	173	137	143	19.04	cps
Gadolinium	160-2	157	173	150	160	7.51	cps
Holmium	165-1	11065970	9799170	10986666	10617269	6.68	cps
Holmium	165-2	4302425	4260292	4258814	4273844	0.58	cps
Indium	115-1	7690249	6792132	7761841	7414741	7.29	cps
Indium	115-2	1119214	1114903	1098293	1110803	0.99	cps
Iron	54-2	537818	530085	528694	532199	0.92	cps
Iron	56-2	9364202	9428918	9303069	9365396	0.67	cps
Iron	57-2	240106	237231	238197	238511	0.61	cps
Krypton	83-1	180	157	157	164	8.19	cps
Lead	206-1	3914149	3949717	3916372	3926746	0.51	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3383459	3483732	3435045	3434079	1.46	cps
Lead	208-1	15463301	15952867	15694502	15703557	1.56	cps
Lithium	6-1	2686834	2309998	2614217	2537016	7.88	cps
Magnesium	24-2	1942837	1937446	1938860	1939714	0.14	cps
Manganese	55-2	1169602	1176114	1143869	1163195	1.47	cps
Molybdenum	94-1	2974289	2943701	2901887	2939959	1.24	cps
Molybdenum	95-1	4284837	4288305	4205874	4259672	1.09	cps
Molybdenum	96-1	4630168	4751153	4577661	4652994	1.91	cps
Molybdenum	97-1	2635309	2626857	2562808	2608325	1.52	cps
Molybdenum	98-1	6846069	6779895	6773248	6799737	0.59	cps
Neodymium	150-1	77	67	70	71	7.16	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	112729	113223	112010	112654	0.54	cps
Phosphorus	31-2	6918	6662	6688	6756	2.09	cps
Potassium	39-2	624544	615812	615590	618649	0.83	cps
Rhodium	103-1	7649218	6736766	7714859	7366948	7.42	cps
Rhodium	103-2	3284909	3361746	3233643	3293433	1.96	cps
Scandium	45-1	5191945	4578305	5111736	4960662	6.72	cps
Scandium	45-2	178691	175535	175878	176701	0.98	cps
Selenium	82-1	14518	14384	15082	14661	2.52	cps
Selenium	77-2	477	403	520	467	12.64	cps
Selenium	78-2	1513	1583	1493	1530	3.09	cps
Silicon	28-1	6093243	6142136	5936971	6057450	1.77	cps
Silver	107-1	1058524	1063870	1056443	1059612	0.36	cps
Silver	109-1	1011176	1011993	1007101	1010090	0.26	cps
Sodium	23-2	3414704	3385373	3425048	3408375	0.60	cps
Strontium	86-1	6191470	6535183	6339362	6355338	2.71	cps
Strontium	88-1	53679993	55454021	53579781	54237931	1.94	cps
Sulfur	34-1	402527	402162	399326	401338	0.44	cps
Terbium	159-1	10944956	9487904	11019263	10484041	8.24	cps
Terbium	159-2	4199195	4108828	4178082	4162035	1.14	cps
Thallium	203-1	901340	925193	908070	911534	1.35	cps
Thallium	205-1	2223831	2304215	2208541	2245529	2.29	cps
Tin	118-1	661637	676440	667032	668370	1.12	cps
Titanium	47-1	1154673	1182017	1149102	1161931	1.52	cps
Uranium	238-1	3228085	3313923	3279486	3273831	1.32	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:08:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	180960	179170	178759	179629	0.65	cps
Ytterbium	172-1	120	87	110	106	16.20	cps
Ytterbium	172-2	23	67	47	46	47.61	cps
Ytterbium	176-1	5278	5078	5291	5216	2.29	cps
Ytterbium	176-2	15075	15165	15312	15184	0.79	cps
Yttrium	89-1	12402958	10633292	12387827	11808026	8.62	cps
Yttrium	89-2	1313551	1291154	1283567	1296091	1.20	cps
Zinc	66-2	390551	387119	386670	388114	0.55	cps
Zirconium	90-1	1405764	1436935	1386859	1409853	1.79	cps
Zirconium	91-1	312633	319969	315364	315989	1.17	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260523	259760	254736	258340	1.22	cps
Antimony	121-1	1533308	1539266	1546738	1539770	0.44	cps
Arsenic	75-2	37343	37112	36795	37083	0.74	cps
Barium	135-1	1853173	1769402	1844261	1822279	2.52	cps
Barium	137-1	3244848	3148965	3092746	3162186	2.43	cps
Beryllium	9-1	409307	404866	405590	406588	0.59	cps
Bismuth	209-1	6373126	7662543	7269188	7101619	9.31	cps
Bismuth	209-2	3220170	3233160	3183192	3212174	0.81	cps
Bromine	81-1	2407	2317	2267	2330	3.05	cps
Cadmium	108-1	32692	31860	31981	32178	1.40	cps
Cadmium	106-1	46853	47582	46528	46988	1.15	cps
Cadmium	111-1	378663	374850	383343	378952	1.12	cps
Calcium	43-1	545505	545748	541311	544188	0.46	cps
Calcium	44-1	8321407	8198039	8039002	8186149	1.73	cps
Carbon	12-1	2144534	2177572	2198823	2173643	1.26	cps
Carbon	12-2	29573	29429	28645	29216	1.71	cps
Chlorine	35-1	130171	117707	115657	121178	6.48	cps
Chlorine	35-2	830	820	847	832	1.62	cps
Chromium	52-2	443767	444074	437689	441843	0.82	cps
Cobalt	59-2	781663	784462	769850	778658	1.00	cps
Copper	63-2	6115854	6062076	6001574	6059835	0.94	cps
Dysprosium	156-1	117	87	100	101	14.87	cps
Dysprosium	156-2	57	50	67	58	14.52	cps
Erbium	164-1	87	130	123	113	20.59	cps
Erbium	164-2	53	33	37	41	26.06	cps
Gadolinium	160-1	147	167	230	181	24.02	cps
Gadolinium	160-2	187	173	217	192	11.55	cps
Holmium	165-1	9139313	11571772	10503160	10404748	11.72	cps
Holmium	165-2	4231402	4359096	4140430	4243643	2.59	cps
Indium	115-1	6614897	7920475	7472425	7335933	9.04	cps
Indium	115-2	1064772	1065812	1047668	1059417	0.96	cps
Iron	54-2	1013699	1007679	997670	1006349	0.80	cps
Iron	56-2	18136027	17544383	17760775	17813728	1.68	cps
Iron	57-2	455304	456014	452377	454565	0.42	cps
Krypton	83-1	187	193	213	198	7.02	cps
Lead	206-1	7492425	7446332	7539404	7492720	0.62	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6596269	6492669	6397668	6495535	1.53	cps
Lead	208-1	30375071	30013896	29959762	30116243	0.75	cps
Lithium	6-1	2289726	2662534	2572347	2508203	7.75	cps
Magnesium	24-2	3683891	3696457	3577029	3652459	1.80	cps
Manganese	55-2	2274563	2207703	2170418	2217561	2.38	cps
Molybdenum	94-1	5689512	5719663	5701708	5703627	0.27	cps
Molybdenum	95-1	8311798	8083794	8043700	8146431	1.78	cps
Molybdenum	96-1	8973110	8957977	8840199	8923762	0.82	cps
Molybdenum	97-1	5039725	5096298	5033793	5056605	0.68	cps
Molybdenum	98-1	12959706	13314409	13005179	13093098	1.47	cps
Neodymium	150-1	110	83	147	113	28.06	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	213317	211696	208091	211034	1.27	cps
Phosphorus	31-2	12402	12482	12188	12358	1.23	cps
Potassium	39-2	1163199	1157086	1139942	1153409	1.05	cps
Rhodium	103-1	6375177	7856081	7200248	7143835	10.39	cps
Rhodium	103-2	3141141	3154250	3043440	3112944	1.95	cps
Scandium	45-1	4378423	5210485	4817134	4802014	8.67	cps
Scandium	45-2	168229	168499	164368	167032	1.38	cps
Selenium	82-1	27755	27511	27060	27442	1.28	cps
Selenium	77-2	833	817	807	819	1.65	cps
Selenium	78-2	2737	2674	2724	2711	1.23	cps
Silicon	28-1	11468457	11161459	10843683	11157866	2.80	cps
Silver	107-1	2048249	2121157	2005263	2058223	2.85	cps
Silver	109-1	1947084	1934766	1950470	1944107	0.43	cps
Sodium	23-2	6570320	6634449	6320164	6508311	2.55	cps
Strontium	86-1	12292162	11817165	11964924	12024751	2.02	cps
Strontium	88-1	104701458	104018118	103101232	103940270	0.77	cps
Sulfur	34-1	464003	460390	454791	459728	1.01	cps
Terbium	159-1	9431349	11377343	10688473	10499055	9.40	cps
Terbium	159-2	3983789	4062477	4020560	4022275	0.98	cps
Thallium	203-1	1745824	1811484	1800906	1786071	1.97	cps
Thallium	205-1	4294133	4315027	4259194	4289451	0.66	cps
Tin	118-1	1314696	1286596	1262470	1287921	2.03	cps
Titanium	47-1	2237812	2219510	2117407	2191576	2.96	cps
Uranium	238-1	6396755	6299482	6406119	6367452	0.93	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:11:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	342102	340637	333821	338853	1.30	cps
Ytterbium	172-1	117	97	97	103	11.17	cps
Ytterbium	172-2	77	47	80	68	27.08	cps
Ytterbium	176-1	8593	8710	8536	8613	1.03	cps
Ytterbium	176-2	16257	16484	16233	16325	0.85	cps
Yttrium	89-1	10316276	12836567	11644092	11598978	10.87	cps
Yttrium	89-2	1238991	1244802	1232028	1238607	0.52	cps
Zinc	66-2	744672	731990	735627	737430	0.89	cps
Zirconium	90-1	2666125	2731414	2722136	2706558	1.31	cps
Zirconium	91-1	609363	604341	604353	606019	0.48	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491633	489004	492247	490961	0.35	cps
Antimony	121-1	3025799	3012081	2970800	3002893	0.95	cps
Arsenic	75-2	70626	70780	69983	70463	0.60	cps
Barium	135-1	3556694	3427298	3529355	3504449	1.95	cps
Barium	137-1	6111226	6041224	6033443	6061964	0.71	cps
Beryllium	9-1	778696	770819	766810	772109	0.78	cps
Bismuth	209-1	7180338	7190443	7213759	7194847	0.24	cps
Bismuth	209-2	2972517	2967392	3031887	2990599	1.20	cps
Bromine	81-1	2337	2314	2217	2289	2.78	cps
Cadmium	108-1	62521	61319	61450	61763	1.07	cps
Cadmium	106-1	87425	87499	86244	87056	0.81	cps
Cadmium	111-1	726702	732955	729500	729719	0.43	cps
Calcium	43-1	1045586	1027916	1018492	1030665	1.33	cps
Calcium	44-1	15718124	15363562	15358781	15480155	1.33	cps
Carbon	12-1	2226162	2265039	2287298	2259500	1.37	cps
Carbon	12-2	32299	31758	32315	32124	0.99	cps
Chlorine	35-1	121890	111377	109006	114091	6.01	cps
Chlorine	35-2	740	807	840	796	6.40	cps
Chromium	52-2	839438	834208	825497	833048	0.85	cps
Cobalt	59-2	1460805	1486611	1441843	1463086	1.54	cps
Copper	63-2	11408575	11444472	11225037	11359361	1.04	cps
Dysprosium	156-1	227	217	200	214	6.28	cps
Dysprosium	156-2	97	113	67	92	25.64	cps
Erbium	164-1	113	130	143	129	11.66	cps
Erbium	164-2	53	43	73	57	26.96	cps
Gadolinium	160-1	280	260	317	286	10.06	cps
Gadolinium	160-2	207	223	207	212	4.53	cps
Holmium	165-1	10136389	10359703	10496108	10330733	1.76	cps
Holmium	165-2	4039796	3934231	4031835	4001954	1.47	cps
Indium	115-1	7049943	7247898	7151726	7149856	1.38	cps
Indium	115-2	993277	986680	989280	989745	0.34	cps
Iron	54-2	1922110	1939510	1886238	1915953	1.42	cps
Iron	56-2	33837575	33352835	33547706	33579372	0.73	cps
Iron	57-2	863025	847802	843869	851565	1.19	cps
Krypton	83-1	227	153	140	173	26.92	cps
Lead	206-1	14667687	14386504	14637036	14563743	1.06	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12912668	12473527	12619939	12668711	1.76	cps
Lead	208-1	59265877	58514972	58904386	58895078	0.64	cps
Lithium	6-1	2395344	2409262	2475734	2426780	1.77	cps
Magnesium	24-2	6910180	7017730	7076164	7001358	1.20	cps
Manganese	55-2	4091815	4137253	4187066	4138711	1.15	cps
Molybdenum	94-1	10932420	10975236	10824804	10910820	0.71	cps
Molybdenum	95-1	15593145	15539146	15309882	15480724	0.97	cps
Molybdenum	96-1	17260788	17127399	17127975	17172054	0.45	cps
Molybdenum	97-1	9850541	9668210	9630456	9716402	1.21	cps
Molybdenum	98-1	25068995	24760476	24967707	24932393	0.63	cps
Neodymium	150-1	237	247	250	244	2.84	cps
Neodymium	150-2	20	40	17	26	49.38	cps
Nickel	60-2	391076	391173	391853	391367	0.11	cps
Phosphorus	31-2	23239	22518	22307	22688	2.15	cps
Potassium	39-2	2154816	2188778	2140869	2161488	1.14	cps
Rhodium	103-1	7024476	6927675	7074493	7008881	1.06	cps
Rhodium	103-2	2903995	2959147	2961545	2941562	1.11	cps
Scandium	45-1	4701698	4648366	4588775	4646280	1.22	cps
Scandium	45-2	159937	158039	157014	158330	0.94	cps
Selenium	82-1	51512	51803	52462	51925	0.94	cps
Selenium	77-2	1623	1497	1477	1532	5.19	cps
Selenium	78-2	4958	5014	5141	5038	1.86	cps
Silicon	28-1	20891607	21123217	20108106	20707643	2.57	cps
Silver	107-1	3897227	3879826	3877907	3884987	0.27	cps
Silver	109-1	3634837	3653410	3668542	3652263	0.46	cps
Sodium	23-2	12350774	12518659	12414601	12428011	0.68	cps
Strontium	86-1	22883728	23112266	23284921	23093639	0.87	cps
Strontium	88-1	200827244	203911577	199703464	201480761	1.08	cps
Sulfur	34-1	590191	577062	575441	580898	1.39	cps
Terbium	159-1	10300964	10543268	10426259	10423497	1.16	cps
Terbium	159-2	3941087	3796978	3940814	3892960	2.14	cps
Thallium	203-1	3529643	3533279	3568715	3543879	0.61	cps
Thallium	205-1	8346396	8264554	8458061	8356337	1.16	cps
Tin	118-1	2454835	2506198	2498191	2486408	1.11	cps
Titanium	47-1	4187280	4200780	4112944	4167001	1.14	cps
Uranium	238-1	12509631	12514285	12693958	12572625	0.84	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:15:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	645497	638531	639430	641153	0.59	cps
Ytterbium	172-1	183	167	150	167	10.00	cps
Ytterbium	172-2	63	70	103	79	27.17	cps
Ytterbium	176-1	15983	15970	15953	15969	0.09	cps
Ytterbium	176-2	17889	18059	18353	18100	1.30	cps
Yttrium	89-1	11427189	11492895	11234447	11384844	1.18	cps
Yttrium	89-2	1185200	1161537	1156844	1167860	1.30	cps
Zinc	66-2	1373769	1378908	1351624	1368100	1.06	cps
Zirconium	90-1	5136671	5150822	5159217	5148903	0.22	cps
Zirconium	91-1	1178159	1171947	1167662	1172589	0.45	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955239	939203	950697	948379	0.87	cps
Antimony	121-1	5705629	5736780	5795031	5745814	0.79	cps
Arsenic	75-2	136575	135670	135447	135897	0.44	cps
Barium	135-1	6586140	6788858	6625831	6666943	1.61	cps
Barium	137-1	11712380	11717566	11519087	11649678	0.97	cps
Beryllium	9-1	1443062	1433156	1380828	1419015	2.36	cps
Bismuth	209-1	6945158	7086172	6962826	6998052	1.10	cps
Bismuth	209-2	2917325	2922469	2972122	2937306	1.03	cps
Bromine	81-1	2234	2240	2394	2289	3.96	cps
Cadmium	108-1	115271	116437	117664	116458	1.03	cps
Cadmium	106-1	160325	163097	158837	160753	1.35	cps
Cadmium	111-1	1371443	1392379	1393433	1385752	0.90	cps
Calcium	43-1	1948849	2024306	2001203	1991453	1.94	cps
Calcium	44-1	28834175	29877440	29817286	29509634	1.98	cps
Carbon	12-1	2518107	2649259	2722256	2629874	3.93	cps
Carbon	12-2	38734	39343	39199	39092	0.81	cps
Chlorine	35-1	116293	104618	102597	107836	6.86	cps
Chlorine	35-2	787	733	720	747	4.72	cps
Chromium	52-2	1640550	1589649	1633528	1621242	1.70	cps
Cobalt	59-2	2764480	2791653	2880010	2812048	2.15	cps
Copper	63-2	21696737	21650780	21523086	21623534	0.42	cps
Dysprosium	156-1	457	373	400	410	10.38	cps
Dysprosium	156-2	203	160	207	190	13.70	cps
Erbium	164-1	197	193	180	190	4.64	cps
Erbium	164-2	50	47	70	56	22.71	cps
Gadolinium	160-1	477	470	403	450	9.01	cps
Gadolinium	160-2	227	300	367	298	23.52	cps
Holmium	165-1	10429953	10381172	10317534	10376220	0.54	cps
Holmium	165-2	4045892	3873533	4045781	3988402	2.49	cps
Indium	115-1	6928289	6983513	7050627	6987476	0.88	cps
Indium	115-2	965874	952662	951946	956827	0.82	cps
Iron	54-2	3677596	3598628	3689545	3655256	1.35	cps
Iron	56-2	64437102	64477047	64636154	64516768	0.16	cps
Iron	57-2	1643565	1654863	1671141	1656523	0.84	cps
Krypton	83-1	163	163	180	169	5.70	cps
Lead	206-1	28066382	28790202	28628610	28495065	1.33	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24231310	25098290	24780372	24703324	1.78	cps
Lead	208-1	112821732	116532675	113899300	114417902	1.67	cps
Lithium	6-1	2355645	2313796	2373715	2347719	1.31	cps
Magnesium	24-2	13389242	13378766	13561126	13443044	0.76	cps
Manganese	55-2	7910265	7919934	7890485	7906894	0.19	cps
Molybdenum	94-1	20520484	21039780	21534571	21031611	2.41	cps
Molybdenum	95-1	29937010	29909283	30445236	30097176	1.00	cps
Molybdenum	96-1	33235191	32874258	33640130	33249860	1.15	cps
Molybdenum	97-1	18478574	18574039	18836476	18629696	0.99	cps
Molybdenum	98-1	48331208	48382779	48458129	48390705	0.13	cps
Neodymium	150-1	473	400	423	432	8.67	cps
Neodymium	150-2	43	33	47	41	16.89	cps
Nickel	60-2	755603	746384	755498	752495	0.70	cps
Phosphorus	31-2	44180	44160	44047	44129	0.16	cps
Potassium	39-2	4224015	4144334	4115373	4161241	1.35	cps
Rhodium	103-1	6715616	6726616	6684107	6708780	0.33	cps
Rhodium	103-2	2941294	2830834	2923529	2898552	2.05	cps
Scandium	45-1	4462210	4410029	4535752	4469330	1.41	cps
Scandium	45-2	156419	156502	158303	157074	0.68	cps
Selenium	82-1	94652	99692	98962	97769	2.79	cps
Selenium	77-2	2860	2924	2910	2898	1.15	cps
Selenium	78-2	9930	9810	9330	9690	3.28	cps
Silicon	28-1	37861739	37578467	37580389	37673532	0.43	cps
Silver	107-1	7168306	7450444	7177810	7265520	2.21	cps
Silver	109-1	6788904	6983139	6948888	6906977	1.50	cps
Sodium	23-2	24006491	24172530	24042810	24073944	0.36	cps
Strontium	86-1	44365349	44466523	44868831	44566901	0.60	cps
Strontium	88-1	388524834	384765141	388653714	387314563	0.57	cps
Sulfur	34-1	831583	826368	827140	828364	0.34	cps
Terbium	159-1	10344808	10405588	10143465	10297954	1.33	cps
Terbium	159-2	3911105	3830866	3888605	3876859	1.07	cps
Thallium	203-1	6716021	6752357	6744538	6737638	0.28	cps
Thallium	205-1	16126159	16438296	16210355	16258270	0.99	cps
Tin	118-1	4709447	4588340	4763061	4686949	1.91	cps
Titanium	47-1	7866808	7749782	7841262	7819284	0.79	cps
Uranium	238-1	24420676	24835905	24896290	24717624	1.05	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:18:02	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1263314	1249915	1237282	1250170	1.04	cps
Ytterbium	172-1	277	257	250	261	5.32	cps
Ytterbium	172-2	110	107	83	100	14.53	cps
Ytterbium	176-1	29941	29403	30646	29996	2.08	cps
Ytterbium	176-2	23972	23191	23725	23629	1.69	cps
Yttrium	89-1	10975439	11230302	10873155	11026299	1.67	cps
Yttrium	89-2	1134695	1127291	1138446	1133477	0.50	cps
Zinc	66-2	2625501	2605907	2624501	2618637	0.42	cps
Zirconium	90-1	9621863	10010239	9884838	9838980	2.01	cps
Zirconium	91-1	2215457	2291251	2284869	2263859	1.86	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5037659	5138995	5198164	5124939	1.58	cps
Antimony	121-1	3901	4447	4974	4441	12.09	cps
Arsenic	75-2	100	110	60	90	29.40	cps
Barium	135-1	3497	3504	3714	3572	3.45	cps
Barium	137-1	6202	6392	6275	6289	1.52	cps
Beryllium	9-1	210	221	175	202	11.94	cps
Bismuth	209-1	6581608	6402326	6399589	6461175	1.61	cps
Bismuth	209-2	2916714	2911884	2893395	2907331	0.42	cps
Bromine	81-1	3170	3437	3731	3446	8.13	cps
Cadmium	108-1	107	73	93	91	18.42	cps
Cadmium	106-1	3450	3304	3310	3355	2.47	cps
Cadmium	111-1	1020	1166	1146	1111	7.09	cps
Calcium	43-1	7914337	8186915	8174819	8092024	1.90	cps
Calcium	44-1	126112258	132951258	133724891	130929469	3.20	cps
Carbon	12-1	2057496	2162605	2170452	2130185	2.96	cps
Carbon	12-2	34557	34240	34925	34574	0.99	cps
Chlorine	35-1	99145	90326	92671	94047	4.86	cps
Chlorine	35-2	647	717	700	688	5.32	cps
Chromium	52-2	10150	10354	9850	10118	2.50	cps
Cobalt	59-2	8092	8319	8306	8239	1.54	cps
Copper	63-2	5374	6358	5344	5692	10.14	cps
Dysprosium	156-1	1317	1390	1367	1358	2.76	cps
Dysprosium	156-2	637	597	697	643	7.82	cps
Erbium	164-1	307	273	240	273	12.19	cps
Erbium	164-2	73	87	110	90	20.62	cps
Gadolinium	160-1	1527	1483	1580	1530	3.17	cps
Gadolinium	160-2	850	833	967	883	8.22	cps
Holmium	165-1	10409567	10122927	10330409	10287634	1.44	cps
Holmium	165-2	4225066	4289717	4168894	4227893	1.43	cps
Indium	115-1	7009775	6779186	6990696	6926552	1.85	cps
Indium	115-2	1063071	1075788	1076435	1071765	0.70	cps
Iron	54-2	18927463	19428958	19440178	19265533	1.52	cps
Iron	56-2	340216635	345157342	355190048	346854675	2.20	cps
Iron	57-2	8692601	8799085	8847089	8779592	0.90	cps
Krypton	83-1	157	207	180	181	13.81	cps
Lead	206-1	13757	16331	13674	14587	10.35	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11816	13732	12162	12570	8.12	cps
Lead	208-1	54121	63173	54973	57422	8.70	cps
Lithium	6-1	2224267	2287399	2220062	2243909	1.68	cps
Magnesium	24-2	71186404	72088756	72220839	71831999	0.78	cps
Manganese	55-2	4744	4904	4894	4848	1.85	cps
Molybdenum	94-1	4334	4921	4417	4557	6.97	cps
Molybdenum	95-1	4668	6082	5144	5298	13.59	cps
Molybdenum	96-1	5651	6689	6281	6207	8.43	cps
Molybdenum	97-1	3024	3824	3184	3344	12.67	cps
Molybdenum	98-1	7626	9232	8253	8370	9.67	cps
Neodymium	150-1	200	257	243	233	12.70	cps
Neodymium	150-2	77	103	87	89	15.15	cps
Nickel	60-2	3681	4011	3924	3872	4.42	cps
Phosphorus	31-2	210	227	267	234	12.42	cps
Potassium	39-2	22575200	23288380	23825874	23229818	2.70	cps
Rhodium	103-1	6467912	6373717	6465513	6435714	0.83	cps
Rhodium	103-2	2921796	3034689	2953178	2969888	1.96	cps
Scandium	45-1	4543162	4376177	4530278	4483206	2.07	cps
Scandium	45-2	174101	175539	178251	175964	1.20	cps
Selenium	82-1	537	457	607	533	14.07	cps
Selenium	77-2	13	23	10	16	44.60	cps
Selenium	78-2	80	73	70	74	6.84	cps
Silicon	28-1	346367	329913	320784	332355	3.90	cps
Silver	107-1	1310	1493	1543	1449	8.48	cps
Silver	109-1	1307	1367	1353	1342	2.35	cps
Sodium	23-2	127488231	128977318	129910525	128792025	0.95	cps
Strontium	86-1	4224	5205	4511	4647	10.85	cps
Strontium	88-1	37287	43853	38212	39784	8.93	cps
Sulfur	34-1	259888	265627	279767	268427	3.81	cps
Terbium	159-1	10422759	9864497	10030554	10105937	2.84	cps
Terbium	159-2	4141092	4158610	4102022	4133908	0.70	cps
Thallium	203-1	2770	3398	2440	2870	16.95	cps
Thallium	205-1	6495	7832	6178	6835	12.84	cps
Tin	118-1	3547	3551	3417	3505	2.17	cps
Titanium	47-1	1330	1410	1297	1346	4.33	cps
Uranium	238-1	6392	7323	6295	6670	8.51	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:21:06	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	350	440	293	361	20.48	cps
Ytterbium	172-1	160	230	180	190	18.98	cps
Ytterbium	172-2	77	97	70	81	17.11	cps
Ytterbium	176-1	1457	1420	1540	1472	4.18	cps
Ytterbium	176-2	13901	13861	14184	13982	1.26	cps
Yttrium	89-1	11283673	10944980	11050536	11093063	1.56	cps
Yttrium	89-2	1274924	1280273	1292422	1282540	0.70	cps
Zinc	66-2	3217	3250	3437	3302	3.59	cps
Zirconium	90-1	4221	4631	4241	4364	5.30	cps
Zirconium	91-1	863	970	1003	946	7.73	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICV66	Instrumnet Name :	P8
Client Sample ID :	ICV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:45:50	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24698	25249	24982	24976	1.10	cps
Antimony	121-1	1176476	1180270	1171280	1176008	0.38	cps
Arsenic	75-2	29611	29324	29631	29522	0.58	cps
Barium	135-1	137911	141382	140303	139865	1.27	cps
Barium	137-1	243595	247745	245019	245453	0.86	cps
Beryllium	9-1	154354	154376	154179	154303	0.07	cps
Bismuth	209-1	7298817	7415479	7415479	7376592	0.91	cps
Bismuth	209-2	3213153	3274535	3181714	3223134	1.46	cps
Bromine	81-1	2407	2514	2364	2428	3.18	cps
Cadmium	108-1	21470	21544	21477	21497	0.19	cps
Cadmium	106-1	33009	32966	32128	32701	1.52	cps
Cadmium	111-1	147016	148119	146432	147189	0.58	cps
Calcium	43-1	40687	40764	40968	40807	0.36	cps
Calcium	44-1	636275	654206	634095	641525	1.72	cps
Carbon	12-1	2335178	2314149	2363813	2337714	1.07	cps
Carbon	12-2	31333	32249	31908	31830	1.45	cps
Chlorine	35-1	207621	213163	218853	213212	2.63	cps
Chlorine	35-2	1623	1700	1693	1672	2.54	cps
Chromium	52-2	176192	174892	172113	174399	1.19	cps
Cobalt	59-2	307675	307375	304343	306464	0.60	cps
Copper	63-2	247306	246315	247745	247122	0.30	cps
Dysprosium	156-1	13	17	30	20	44.10	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	60	87	80	76	18.37	cps
Erbium	164-2	57	27	33	39	40.51	cps
Gadolinium	160-1	63	117	107	96	29.67	cps
Gadolinium	160-2	147	163	173	161	8.36	cps
Holmium	165-1	10339022	10664139	10619124	10540761	1.67	cps
Holmium	165-2	4151549	4321063	4152196	4208270	2.32	cps
Indium	115-1	7735481	7646452	7552705	7644879	1.20	cps
Indium	115-2	1074030	1080812	1070426	1075089	0.49	cps
Iron	54-2	159439	159717	156818	158658	1.01	cps
Iron	56-2	2826394	2841960	2773642	2813999	1.27	cps
Iron	57-2	69632	70563	68969	69722	1.15	cps
Krypton	83-1	180	190	157	176	9.74	cps
Lead	206-1	1214220	1223786	1244614	1227540	1.27	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICV66	Instrumnet Name :	P8
Client Sample ID :	ICV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:45:50	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1019983	1031295	1044729	1032002	1.20	cps
Lead	208-1	4878945	4883282	4917987	4893405	0.44	cps
Lithium	6-1	2502589	2455649	2560380	2506206	2.09	cps
Magnesium	24-2	162502	160946	160716	161388	0.60	cps
Manganese	55-2	86343	85430	84837	85537	0.89	cps
Molybdenum	94-1	10765425	10430949	10712515	10636297	1.69	cps
Molybdenum	95-1	15064080	15048769	15180356	15097735	0.48	cps
Molybdenum	96-1	16445584	16661928	16785661	16631058	1.03	cps
Molybdenum	97-1	9288953	9278779	9562881	9376871	1.72	cps
Molybdenum	98-1	23651848	24308012	25024809	24328223	2.82	cps
Neodymium	150-1	17	20	17	18	10.81	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	84925	86259	84902	85362	0.91	cps
Phosphorus	31-2	220	190	207	206	7.31	cps
Potassium	39-2	182036	180458	177646	180047	1.24	cps
Rhodium	103-1	7380104	7388689	7508987	7425927	0.97	cps
Rhodium	103-2	3217225	3228462	3238789	3228159	0.33	cps
Scandium	45-1	4837105	4995613	4781837	4871518	2.28	cps
Scandium	45-2	170967	173086	168995	171016	1.20	cps
Selenium	82-1	21213	21677	21490	21460	1.09	cps
Selenium	77-2	673	607	640	640	5.21	cps
Selenium	78-2	2114	2097	2107	2106	0.40	cps
Silicon	28-1	1952843	1952296	1959272	1954804	0.20	cps
Silver	107-1	379777	384981	383960	382906	0.72	cps
Silver	109-1	361514	370141	364458	365371	1.20	cps
Sodium	23-2	512323	504235	506242	507600	0.83	cps
Strontium	86-1	966266	972423	962637	967109	0.51	cps
Strontium	88-1	8257711	8428141	8314515	8333456	1.04	cps
Sulfur	34-1	270393	269813	263149	267785	1.50	cps
Terbium	159-1	10509397	10634003	10440783	10528061	0.93	cps
Terbium	159-2	4099266	4150052	4022312	4090543	1.57	cps
Thallium	203-1	1525225	1528284	1525626	1526378	0.11	cps
Thallium	205-1	3693631	3699681	3684468	3692593	0.21	cps
Tin	118-1	2549516	2631383	2586998	2589299	1.58	cps
Titanium	47-1	4307280	4342306	4372138	4340575	0.75	cps
Uranium	238-1	12827055	13133917	12622441	12861138	2.00	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICV66	Instrumnet Name :	P8
Client Sample ID :	ICV66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:45:50	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	131165	130482	128763	130137	0.95	cps
Ytterbium	172-1	77	60	77	71	13.53	cps
Ytterbium	172-2	33	43	33	37	15.75	cps
Ytterbium	176-1	15473	15890	15312	15558	1.92	cps
Ytterbium	176-2	19047	19638	19701	19462	1.85	cps
Yttrium	89-1	11963642	12071336	11874959	11969979	0.82	cps
Yttrium	89-2	1243377	1255905	1247909	1249064	0.51	cps
Zinc	66-2	61577	61456	60251	61094	1.20	cps
Zirconium	90-1	5325013	5324177	5291983	5313724	0.35	cps
Zirconium	91-1	1215718	1209898	1189626	1205081	1.14	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1040	1057	983	1027	3.74	cps
Antimony	121-1	12412	12533	12019	12321	2.18	cps
Arsenic	75-2	120	180	170	157	20.52	cps
Barium	135-1	14164	14011	13750	13975	1.50	cps
Barium	137-1	24739	24439	24031	24403	1.46	cps
Beryllium	9-1	1697	1680	1692	1690	0.53	cps
Bismuth	209-1	7448686	7393492	7221792	7354656	1.61	cps
Bismuth	209-2	3364280	3368814	3452863	3395319	1.47	cps
Bromine	81-1	2604	2564	2717	2628	3.03	cps
Cadmium	108-1	143	160	143	149	6.46	cps
Cadmium	106-1	3290	3417	3327	3345	1.95	cps
Cadmium	111-1	1759	1783	1849	1797	2.60	cps
Calcium	43-1	9193	9246	9370	9270	0.98	cps
Calcium	44-1	174616	176026	176688	175777	0.60	cps
Carbon	12-1	2016323	1993007	2045553	2018294	1.30	cps
Carbon	12-2	26354	26981	26537	26624	1.21	cps
Chlorine	35-1	102055	93788	93794	96546	4.94	cps
Chlorine	35-2	633	733	740	702	8.51	cps
Chromium	52-2	4451	4801	4651	4634	3.79	cps
Cobalt	59-2	3437	3270	3407	3372	2.64	cps
Copper	63-2	5614	5858	5481	5651	3.38	cps
Dysprosium	156-1	20	17	13	17	20.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	97	97	80	91	10.56	cps
Erbium	164-2	27	60	30	39	47.20	cps
Gadolinium	160-1	97	73	100	90	16.15	cps
Gadolinium	160-2	167	143	147	152	8.29	cps
Holmium	165-1	10612916	10564687	10688364	10621989	0.59	cps
Holmium	165-2	4356880	4393805	4423285	4391323	0.76	cps
Indium	115-1	7630585	7720989	7888583	7746719	1.69	cps
Indium	115-2	1141203	1166519	1177658	1161794	1.61	cps
Iron	54-2	4387	4354	4681	4474	4.02	cps
Iron	56-2	76534	76457	75817	76269	0.52	cps
Iron	57-2	2027	2030	1950	2002	2.26	cps
Krypton	83-1	183	167	173	174	4.81	cps
Lead	206-1	5698	5781	5945	5808	2.16	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4968	4968	5004	4980	0.43	cps
Lead	208-1	22995	23035	23298	23109	0.71	cps
Lithium	6-1	2590387	2559754	2559087	2569743	0.70	cps
Magnesium	24-2	74426	75364	73900	74563	0.99	cps
Manganese	55-2	1050	1083	943	1026	7.13	cps
Molybdenum	94-1	12856	12876	13227	12986	1.61	cps
Molybdenum	95-1	15749	15115	16313	15726	3.81	cps
Molybdenum	96-1	17228	16864	17572	17221	2.06	cps
Molybdenum	97-1	9360	9577	9537	9491	1.22	cps
Molybdenum	98-1	25089	24438	25631	25053	2.38	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	947	837	843	876	7.04	cps
Phosphorus	31-2	330	293	360	328	10.19	cps
Potassium	39-2	55764	55724	54827	55438	0.96	cps
Rhodium	103-1	7519866	7545101	7704518	7589828	1.32	cps
Rhodium	103-2	3369150	3437411	3486069	3430877	1.71	cps
Scandium	45-1	4960905	4928696	5058854	4982818	1.36	cps
Scandium	45-2	180171	180472	187555	182733	2.29	cps
Selenium	82-1	543	497	550	530	5.48	cps
Selenium	77-2	7	37	20	21	71.19	cps
Selenium	78-2	73	103	73	83	20.79	cps
Silicon	28-1	233268	230732	230136	231378	0.72	cps
Silver	107-1	7996	7972	7756	7908	1.67	cps
Silver	109-1	7302	7379	7609	7430	2.15	cps
Sodium	23-2	150431	148430	148140	149000	0.84	cps
Strontium	86-1	2310	2130	2247	2229	4.10	cps
Strontium	88-1	17194	17131	17782	17369	2.07	cps
Sulfur	34-1	292465	295308	293870	293881	0.48	cps
Terbium	159-1	10675091	10674801	10456431	10602108	1.19	cps
Terbium	159-2	4221404	4229214	4326862	4259160	1.38	cps
Thallium	203-1	6929	6892	6728	6850	1.56	cps
Thallium	205-1	16237	16314	16864	16472	2.08	cps
Tin	118-1	25587	25701	25581	25623	0.26	cps
Titanium	47-1	4474	4554	5743	4924	14.43	cps
Uranium	238-1	23241	23058	23332	23210	0.60	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 13:55:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7082	6868	7088	7013	1.79	cps
Ytterbium	172-1	60	83	70	71	16.46	cps
Ytterbium	172-2	23	20	23	22	8.65	cps
Ytterbium	176-1	1410	1340	1347	1366	2.83	cps
Ytterbium	176-2	13864	14568	15212	14548	4.63	cps
Yttrium	89-1	12147141	12051173	12103227	12100514	0.40	cps
Yttrium	89-2	1325543	1338033	1372820	1345466	1.82	cps
Zinc	66-2	1963	2290	1923	2059	9.77	cps
Zirconium	90-1	10944	10784	11288	11006	2.34	cps
Zirconium	91-1	2480	2270	2444	2398	4.68	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : ICB66 Instrumnet Name : P8
 Client Sample ID : ICB66 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 14:04:12 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	103	83	93	10.71	cps
Antimony	121-1	620	100	127	282	103.78	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	467	53	60	193	122.46	cps
Barium	137-1	797	80	63	313	133.63	cps
Beryllium	9-1	175	44	45	88	85.79	cps
Bismuth	209-1	7390462	7288537	7250367	7309789	0.99	cps
Bismuth	209-2	3499225	3475374	3235821	3403473	4.28	cps
Bromine	81-1	2630	2964	2697	2764	6.38	cps
Cadmium	108-1	23	7	10	13	66.12	cps
Cadmium	106-1	3340	3210	3294	3282	2.01	cps
Cadmium	111-1	414	333	326	358	13.76	cps
Calcium	43-1	600	207	187	331	70.41	cps
Calcium	44-1	32166	25212	25666	27682	14.05	cps
Carbon	12-1	2074362	2083067	2100016	2085815	0.63	cps
Carbon	12-2	28444	27472	28097	28005	1.76	cps
Chlorine	35-1	118704	109607	109500	112604	4.69	cps
Chlorine	35-2	860	807	847	838	3.31	cps
Chromium	52-2	923	1033	903	953	7.34	cps
Cobalt	59-2	127	137	137	133	4.33	cps
Copper	63-2	673	710	677	687	2.95	cps
Dysprosium	156-1	7	10	13	10	33.30	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	103	60	110	91	29.80	cps
Erbium	164-2	27	23	43	31	34.44	cps
Gadolinium	160-1	100	87	130	106	21.02	cps
Gadolinium	160-2	223	180	187	197	11.87	cps
Holmium	165-1	10788826	10777843	10587405	10718025	1.06	cps
Holmium	165-2	4570855	4490965	4344781	4468867	2.57	cps
Indium	115-1	8099844	7804672	7934331	7946282	1.86	cps
Indium	115-2	1211552	1218316	1139448	1189772	3.67	cps
Iron	54-2	340	257	317	304	14.12	cps
Iron	56-2	2347	2197	2034	2192	7.15	cps
Iron	57-2	97	77	147	107	33.80	cps
Krypton	83-1	187	177	133	166	17.12	cps
Lead	206-1	1963	313	250	842	115.33	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICB66	Instrumnet Name :	P8
Client Sample ID :	ICB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:04:12	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1789	277	180	749	120.55	cps
Lead	208-1	7918	1203	987	3369	116.96	cps
Lithium	6-1	2704696	2536550	2599172	2613473	3.25	cps
Magnesium	24-2	247	120	153	173	37.88	cps
Manganese	55-2	63	60	47	57	15.56	cps
Molybdenum	94-1	1591	207	213	670	118.95	cps
Molybdenum	95-1	2383	107	123	871	150.34	cps
Molybdenum	96-1	2600	210	193	1001	138.32	cps
Molybdenum	97-1	1488	77	47	537	153.34	cps
Molybdenum	98-1	4218	130	157	1502	156.67	cps
Neodymium	150-1	17	10	13	13	25.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	63	73	87	74	15.73	cps
Phosphorus	31-2	210	233	247	230	8.07	cps
Potassium	39-2	9086	8976	9206	9090	1.27	cps
Rhodium	103-1	7857923	7700208	7859679	7805937	1.17	cps
Rhodium	103-2	3619808	3569802	3348007	3512539	4.12	cps
Scandium	45-1	5209123	5219088	5141237	5189816	0.82	cps
Scandium	45-2	188274	193672	180544	187497	3.52	cps
Selenium	82-1	17	43	10	23	75.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	20	17	16	32.73	cps
Silicon	28-1	212629	207648	205879	208719	1.68	cps
Silver	107-1	433	60	103	199	102.67	cps
Silver	109-1	557	23	50	210	143.11	cps
Sodium	23-2	17103	16723	17224	17017	1.54	cps
Strontium	86-1	2005	323	300	876	111.61	cps
Strontium	88-1	14152	713	703	5190	149.56	cps
Sulfur	34-1	308180	305272	309950	307801	0.77	cps
Terbium	159-1	10788383	10744266	10907132	10813260	0.78	cps
Terbium	159-2	4388633	4419437	4181987	4330019	2.98	cps
Thallium	203-1	680	103	130	305	106.94	cps
Thallium	205-1	1989	360	360	903	104.16	cps
Tin	118-1	1504	893	850	1082	33.77	cps
Titanium	47-1	1208	160	83	484	129.88	cps
Uranium	238-1	3146	63	60	1090	163.40	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICB66	Instrumnet Name :	P8
Client Sample ID :	ICB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:04:12	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	13	20	13	49.99	cps
Ytterbium	172-1	80	70	80	77	7.53	cps
Ytterbium	172-2	37	27	47	37	27.27	cps
Ytterbium	176-1	1307	1303	1273	1295	1.42	cps
Ytterbium	176-2	14939	15556	14588	15028	3.26	cps
Yttrium	89-1	12548728	12284770	12286003	12373167	1.23	cps
Yttrium	89-2	1378528	1406337	1314704	1366523	3.44	cps
Zinc	66-2	513	610	530	551	9.38	cps
Zirconium	90-1	1184	537	533	751	49.86	cps
Zirconium	91-1	280	113	127	173	53.44	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4776704	4772064	4769333	4772700	0.08	cps
Antimony	121-1	6738	6645	6635	6673	0.85	cps
Arsenic	75-2	53	47	40	47	14.28	cps
Barium	135-1	2044	1980	2067	2030	2.21	cps
Barium	137-1	3531	3377	3497	3468	2.33	cps
Beryllium	9-1	455	470	535	487	8.74	cps
Bismuth	209-1	6838913	6857578	6822066	6839519	0.26	cps
Bismuth	209-2	3081126	3090410	3038629	3070055	0.90	cps
Bromine	81-1	2694	2810	2910	2805	3.87	cps
Cadmium	108-1	1863	2024	1890	1926	4.45	cps
Cadmium	106-1	2744	2797	3034	2858	5.40	cps
Cadmium	111-1	1233	1313	1187	1245	5.14	cps
Calcium	43-1	1691480	1730161	1709862	1710501	1.13	cps
Calcium	44-1	27590975	27946511	27425393	27654293	0.96	cps
Carbon	12-1	12882004	13316994	13325766	13174922	1.93	cps
Carbon	12-2	183047	181462	181044	181851	0.58	cps
Chlorine	35-1	10485037	12901307	14199192	12528512	15.05	cps
Chlorine	35-2	120977	126218	129897	125697	3.57	cps
Chromium	52-2	35614	35417	35283	35438	0.47	cps
Cobalt	59-2	3370	3584	3817	3590	6.22	cps
Copper	63-2	18445	18278	18666	18463	1.05	cps
Dysprosium	156-1	33	40	27	33	20.00	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	117	77	90	94	21.56	cps
Erbium	164-2	53	40	40	44	17.32	cps
Gadolinium	160-1	77	127	100	101	24.74	cps
Gadolinium	160-2	147	147	160	151	5.09	cps
Holmium	165-1	10490689	10818396	10805355	10704813	1.73	cps
Holmium	165-2	4224642	4169966	4280241	4224949	1.31	cps
Indium	115-1	7274347	7384793	7436828	7365323	1.13	cps
Indium	115-2	1052876	1055269	1047796	1051980	0.36	cps
Iron	54-2	7604918	7410389	7524381	7513229	1.30	cps
Iron	56-2	137745335	135604675	135636621	136328877	0.90	cps
Iron	57-2	3423662	3550374	3441540	3471859	1.98	cps
Krypton	83-1	157	163	197	172	12.44	cps
Lead	206-1	32207	30877	30386	31156	3.02	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25278	25312	24567	25052	1.68	cps
Lead	208-1	119978	118846	116163	118329	1.66	cps
Lithium	6-1	2402397	2395219	2457235	2418284	1.40	cps
Magnesium	24-2	13340596	12934801	13192965	13156120	1.56	cps
Manganese	55-2	6835	6582	7025	6814	3.27	cps
Molybdenum	94-1	3355365	3392148	3406092	3384535	0.77	cps
Molybdenum	95-1	5729354	5894673	5777415	5800481	1.47	cps
Molybdenum	96-1	6150511	6346885	6249471	6248956	1.57	cps
Molybdenum	97-1	3653203	3711629	3655202	3673345	0.90	cps
Molybdenum	98-1	9397033	9536423	9400892	9444783	0.84	cps
Neodymium	150-1	67	33	60	53	33.08	cps
Neodymium	150-2	23	3	3	10	115.51	cps
Nickel	60-2	4718	4694	4427	4613	3.49	cps
Phosphorus	31-2	233626	235515	236165	235102	0.56	cps
Potassium	39-2	8708399	8619266	8710575	8679413	0.60	cps
Rhodium	103-1	6868256	6952770	7188117	7003048	2.37	cps
Rhodium	103-2	3129047	3074350	3048131	3083843	1.34	cps
Scandium	45-1	4621041	4802060	4814257	4745786	2.28	cps
Scandium	45-2	172048	169177	169552	170259	0.92	cps
Selenium	82-1	10	37	-40	2	1753.05	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	3	17	13	66.16	cps
Silicon	28-1	295484	302113	299272	298956	1.11	cps
Silver	107-1	283	373	337	331	13.67	cps
Silver	109-1	237	293	317	282	14.58	cps
Sodium	23-2	25167810	24459707	25041095	24889537	1.52	cps
Strontium	86-1	60002	61461	61629	61030	1.47	cps
Strontium	88-1	537957	529948	541855	536587	1.13	cps
Sulfur	34-1	2421457	2472818	2463779	2452685	1.12	cps
Terbium	159-1	10484628	10544773	10595453	10541618	0.53	cps
Terbium	159-2	4180399	4060707	4103445	4114850	1.47	cps
Thallium	203-1	1563	1890	1723	1726	9.47	cps
Thallium	205-1	4014	4187	3961	4054	2.92	cps
Tin	118-1	1520	1553	1770	1615	8.41	cps
Titanium	47-1	1699277	1725816	1713527	1712873	0.78	cps
Uranium	238-1	507	463	413	461	10.13	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSA66	Instrumnet Name :	P8
Client Sample ID :	ICSA66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:11:40	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	210	207	263	227	14.03	cps
Ytterbium	172-1	73	77	80	77	4.35	cps
Ytterbium	172-2	27	43	40	37	24.04	cps
Ytterbium	176-1	1057	1213	1130	1133	6.92	cps
Ytterbium	176-2	13644	13027	13637	13436	2.64	cps
Yttrium	89-1	11405891	11370168	11720735	11498931	1.68	cps
Yttrium	89-2	1244294	1240983	1243661	1242979	0.14	cps
Zinc	66-2	3841	3894	3684	3806	2.87	cps
Zirconium	90-1	540	640	780	653	18.45	cps
Zirconium	91-1	127	100	130	119	13.83	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSAB66	Instrumnet Name :	P8
Client Sample ID :	ICSAB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:15:59	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4700681	4759662	4658621	4706322	1.08	cps
Antimony	121-1	126025	126156	125308	125830	0.36	cps
Arsenic	75-2	2864	2957	2790	2870	2.91	cps
Barium	135-1	30474	30685	29332	30164	2.41	cps
Barium	137-1	53636	52826	52277	52913	1.29	cps
Beryllium	9-1	31721	31421	30739	31294	1.61	cps
Bismuth	209-1	7172403	7071123	7010749	7084758	1.15	cps
Bismuth	209-2	2958581	2988404	3039397	2995461	1.36	cps
Bromine	81-1	2697	3197	2974	2956	8.48	cps
Cadmium	108-1	4678	4714	4407	4600	3.64	cps
Cadmium	106-1	7656	7545	6955	7385	5.10	cps
Cadmium	111-1	29382	29292	29404	29359	0.20	cps
Calcium	43-1	1734640	1752429	1710898	1732656	1.20	cps
Calcium	44-1	28289785	28420247	27441557	28050530	1.89	cps
Carbon	12-1	13299923	13876702	13949782	13708802	2.60	cps
Carbon	12-2	182793	186305	184665	184588	0.95	cps
Chlorine	35-1	13723636	15898709	17121482	15581275	11.05	cps
Chlorine	35-2	141077	145129	146513	144240	1.96	cps
Chromium	52-2	69025	68701	69491	69072	0.58	cps
Cobalt	59-2	62122	63635	62959	62905	1.21	cps
Copper	63-2	63903	64368	64061	64111	0.37	cps
Dysprosium	156-1	20	40	33	31	32.73	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	100	113	97	103	8.53	cps
Erbium	164-2	60	60	47	56	13.85	cps
Gadolinium	160-1	100	70	113	94	23.50	cps
Gadolinium	160-2	150	167	177	164	8.19	cps
Holmium	165-1	10913844	10961596	10535687	10803709	2.16	cps
Holmium	165-2	4096689	4057640	4098019	4084116	0.56	cps
Indium	115-1	7468310	7457497	7284547	7403451	1.39	cps
Indium	115-2	1032177	1046763	1036576	1038505	0.72	cps
Iron	54-2	7409803	7452179	7476157	7446046	0.45	cps
Iron	56-2	136942025	135517565	134390728	135616772	0.94	cps
Iron	57-2	3450134	3499956	3413781	3454624	1.25	cps
Krypton	83-1	160	217	183	187	15.26	cps
Lead	206-1	170149	169254	168536	169313	0.48	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : ICSAB66 Instrumnet Name : P8
 Client Sample ID : ICSAB66 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 14:15:59 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	144402	144625	142215	143748	0.93	cps
Lead	208-1	665062	667275	654656	662331	1.02	cps
Lithium	6-1	2554903	2609209	2423212	2529108	3.78	cps
Magnesium	24-2	13185051	13387011	13055580	13209214	1.26	cps
Manganese	55-2	23533	23693	23603	23610	0.34	cps
Molybdenum	94-1	3748606	3688773	3702328	3713236	0.84	cps
Molybdenum	95-1	6033687	6129155	6030104	6064315	0.93	cps
Molybdenum	96-1	6634932	6657665	6543391	6611996	0.91	cps
Molybdenum	97-1	3800153	3852225	3771778	3808052	1.07	cps
Molybdenum	98-1	9926441	10055556	9669068	9883688	1.99	cps
Neodymium	150-1	57	37	40	44	24.11	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	20755	20124	20358	20413	1.56	cps
Phosphorus	31-2	232389	235125	234885	234133	0.65	cps
Potassium	39-2	8543475	8595506	8592869	8577283	0.34	cps
Rhodium	103-1	7296493	7215316	7033704	7181838	1.87	cps
Rhodium	103-2	3086007	2985786	3052612	3041468	1.68	cps
Scandium	45-1	5004188	4994898	4748350	4915812	2.95	cps
Scandium	45-2	170493	170513	172474	171160	0.66	cps
Selenium	82-1	2190	2090	2027	2102	3.92	cps
Selenium	77-2	60	57	80	66	19.25	cps
Selenium	78-2	147	213	240	200	24.04	cps
Silicon	28-1	534741	532576	533217	533511	0.21	cps
Silver	107-1	147383	146497	146208	146696	0.42	cps
Silver	109-1	140762	139522	137182	139155	1.31	cps
Sodium	23-2	24832305	25545802	24211096	24863068	2.69	cps
Strontium	86-1	165696	163124	160061	162960	1.73	cps
Strontium	88-1	1440075	1425334	1426299	1430569	0.58	cps
Sulfur	34-1	2529289	2527634	2467554	2508159	1.40	cps
Terbium	159-1	10572878	10670557	10730867	10658101	0.75	cps
Terbium	159-2	4006381	4030852	4010085	4015773	0.33	cps
Thallium	203-1	150473	146950	146480	147968	1.47	cps
Thallium	205-1	359939	366950	354820	360569	1.69	cps
Tin	118-1	272077	272112	265455	269882	1.42	cps
Titanium	47-1	1807161	1821316	1796531	1808336	0.69	cps
Uranium	238-1	1301539	1302544	1289089	1297724	0.58	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	ICSAB66	Instrumnet Name :	P8
Client Sample ID :	ICSAB66	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:15:59	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26842	26124	26298	26421	1.42	cps
Ytterbium	172-1	93	113	83	97	15.81	cps
Ytterbium	172-2	23	23	40	29	33.32	cps
Ytterbium	176-1	2984	2827	2637	2816	6.17	cps
Ytterbium	176-2	13143	13871	13747	13587	2.86	cps
Yttrium	89-1	12002325	11913528	11796655	11904169	0.87	cps
Yttrium	89-2	1227516	1231658	1225555	1228243	0.25	cps
Zinc	66-2	9000	9206	9206	9137	1.31	cps
Zirconium	90-1	576201	571678	556308	568062	1.84	cps
Zirconium	91-1	128990	126260	125280	126843	1.52	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2531520	2506583	2469526	2502543	1.25	cps
Antimony	121-1	3020859	2994310	2997776	3004315	0.48	cps
Arsenic	75-2	74761	74419	73715	74298	0.72	cps
Barium	135-1	3553736	3482333	3544055	3526708	1.10	cps
Barium	137-1	6030957	6104334	6113269	6082853	0.74	cps
Beryllium	9-1	752602	753764	748966	751777	0.33	cps
Bismuth	209-1	6883260	6839773	6567361	6763465	2.53	cps
Bismuth	209-2	3033740	2947345	2914289	2965125	2.08	cps
Bromine	81-1	3290	3257	3154	3234	2.20	cps
Cadmium	108-1	61671	61510	60931	61370	0.63	cps
Cadmium	106-1	85630	85943	85550	85708	0.24	cps
Cadmium	111-1	731114	728582	730923	730206	0.19	cps
Calcium	43-1	4709147	4575596	4588419	4624387	1.59	cps
Calcium	44-1	76141419	73761117	73211407	74371314	2.09	cps
Carbon	12-1	2561090	2751725	2753542	2688786	4.11	cps
Carbon	12-2	39787	39988	40279	40018	0.62	cps
Chlorine	35-1	2879701	2673174	2473928	2675601	7.58	cps
Chlorine	35-2	15852	14521	14401	14924	5.40	cps
Chromium	52-2	857802	862233	863842	861292	0.36	cps
Cobalt	59-2	1571188	1496854	1502553	1523532	2.72	cps
Copper	63-2	11867290	11484402	11404509	11585400	2.14	cps
Dysprosium	156-1	820	860	730	803	8.29	cps
Dysprosium	156-2	373	387	327	362	8.70	cps
Erbium	164-1	220	253	257	243	8.33	cps
Erbium	164-2	87	100	67	84	19.87	cps
Gadolinium	160-1	963	977	933	958	2.32	cps
Gadolinium	160-2	523	470	523	506	6.09	cps
Holmium	165-1	10573888	10802546	10585918	10654117	1.21	cps
Holmium	165-2	4224235	4120942	4142942	4162706	1.31	cps
Indium	115-1	7202919	7348815	7307367	7286367	1.03	cps
Indium	115-2	1046596	1021628	1020424	1029549	1.44	cps
Iron	54-2	9741499	9447527	9459825	9549617	1.74	cps
Iron	56-2	174796751	170688611	171826304	172437222	1.23	cps
Iron	57-2	4418290	4324761	4268421	4337157	1.75	cps
Krypton	83-1	193	180	207	193	6.90	cps
Lead	206-1	14735302	14190741	14337441	14421161	1.95	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12596714	12393016	12170664	12386798	1.72	cps
Lead	208-1	58523787	56475622	56819111	57272840	1.92	cps
Lithium	6-1	2396439	2406894	2295506	2366280	2.60	cps
Magnesium	24-2	36456228	35896113	35431844	35928061	1.43	cps
Manganese	55-2	4370727	4348198	4266487	4328470	1.27	cps
Molybdenum	94-1	10906717	11061031	11025736	10997828	0.74	cps
Molybdenum	95-1	15972056	15738408	15760443	15823636	0.82	cps
Molybdenum	96-1	17794640	17346851	17391643	17511045	1.41	cps
Molybdenum	97-1	10019854	9733494	9698292	9817213	1.80	cps
Molybdenum	98-1	25868775	25138831	25836680	25614762	1.61	cps
Neodymium	150-1	323	327	353	334	4.92	cps
Neodymium	150-2	60	57	70	62	11.15	cps
Nickel	60-2	413693	405711	405817	408407	1.12	cps
Phosphorus	31-2	24013	23412	23606	23677	1.30	cps
Potassium	39-2	11048960	10989927	11003269	11014052	0.28	cps
Rhodium	103-1	6941317	6912920	6754892	6869710	1.46	cps
Rhodium	103-2	3065704	2946912	2913359	2975325	2.69	cps
Scandium	45-1	4897244	4740013	4803394	4813550	1.64	cps
Scandium	45-2	174281	172125	169268	171892	1.46	cps
Selenium	82-1	52027	51762	50883	51557	1.16	cps
Selenium	77-2	1517	1553	1543	1538	1.23	cps
Selenium	78-2	5494	5204	5134	5278	3.62	cps
Silicon	28-1	22910916	22297466	22436696	22548359	1.43	cps
Silver	107-1	4019324	3948953	4059974	4009417	1.40	cps
Silver	109-1	3810898	3780508	3791306	3794237	0.41	cps
Sodium	23-2	63580299	62708516	63152691	63147169	0.69	cps
Strontium	86-1	23657315	23703135	23800740	23720397	0.31	cps
Strontium	88-1	204248257	204817384	201103190	203389610	0.98	cps
Sulfur	34-1	588009	582824	583317	584716	0.49	cps
Terbium	159-1	10366767	10515090	10840495	10574117	2.29	cps
Terbium	159-2	4107843	3995815	3963369	4022342	1.88	cps
Thallium	203-1	3498233	3398451	3543286	3479990	2.13	cps
Thallium	205-1	8346027	8138337	8368048	8284137	1.53	cps
Tin	118-1	2500392	2446240	2484952	2477194	1.13	cps
Titanium	47-1	4270217	4305591	4238974	4271594	0.78	cps
Uranium	238-1	12785589	12315846	12386905	12496113	2.03	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:19:35	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	679312	670356	673309	674326	0.68	cps
Ytterbium	172-1	210	230	240	227	6.74	cps
Ytterbium	172-2	97	77	120	98	22.18	cps
Ytterbium	176-1	16744	15870	15950	16188	2.99	cps
Ytterbium	176-2	19458	18783	18934	19058	1.86	cps
Yttrium	89-1	11766409	11709766	11557581	11677919	0.92	cps
Yttrium	89-2	1253142	1239065	1211532	1234580	1.71	cps
Zinc	66-2	1412546	1399305	1397650	1403167	0.58	cps
Zirconium	90-1	5386990	5210918	5273103	5290337	1.69	cps
Zirconium	91-1	1193181	1191330	1177353	1187288	0.73	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	117	213	159	31.14	cps
Antimony	121-1	197	337	423	319	35.87	cps
Arsenic	75-2	3	3	13	7	86.65	cps
Barium	135-1	57	100	113	90	32.92	cps
Barium	137-1	77	83	137	99	33.25	cps
Beryllium	9-1	62	66	55	61	9.35	cps
Bismuth	209-1	7650112	6947053	7740858	7446008	5.84	cps
Bismuth	209-2	3290323	3265408	3309207	3288313	0.67	cps
Bromine	81-1	2614	2744	2680	2679	2.43	cps
Cadmium	108-1	13	13	20	16	24.76	cps
Cadmium	106-1	3327	2944	3387	3219	7.47	cps
Cadmium	111-1	333	318	351	334	4.94	cps
Calcium	43-1	167	197	220	194	13.75	cps
Calcium	44-1	29861	30633	30412	30302	1.31	cps
Carbon	12-1	1970310	2007477	2056365	2011384	2.15	cps
Carbon	12-2	27005	26865	27098	26989	0.44	cps
Chlorine	35-1	643676	620831	604967	623158	3.12	cps
Chlorine	35-2	4261	4484	4041	4262	5.20	cps
Chromium	52-2	930	867	1003	933	7.33	cps
Cobalt	59-2	127	127	343	199	62.91	cps
Copper	63-2	1000	927	2302	1410	54.89	cps
Dysprosium	156-1	10	7	7	8	24.71	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	93	80	100	91	11.18	cps
Erbium	164-2	40	30	33	34	14.78	cps
Gadolinium	160-1	117	70	137	108	31.74	cps
Gadolinium	160-2	173	183	187	181	3.83	cps
Holmium	165-1	10571776	9941966	11686560	10733434	8.23	cps
Holmium	165-2	4255711	4190432	4377938	4274694	2.23	cps
Indium	115-1	7855075	7311222	8404695	7856997	6.96	cps
Indium	115-2	1111910	1123122	1131082	1122038	0.86	cps
Iron	54-2	367	347	2645	1119	118.02	cps
Iron	56-2	3564	5072	70027	26221	144.71	cps
Iron	57-2	213	190	1702	702	123.44	cps
Krypton	83-1	167	193	187	182	7.62	cps
Lead	206-1	940	847	930	906	5.66	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	887	873	737	832	9.98	cps
Lead	208-1	3680	3627	3614	3640	0.97	cps
Lithium	6-1	2526931	2439728	2642544	2536401	4.01	cps
Magnesium	24-2	637	600	1317	851	47.42	cps
Manganese	55-2	127	123	831	360	113.09	cps
Molybdenum	94-1	220	944	610	591	61.27	cps
Molybdenum	95-1	183	1341	887	804	72.57	cps
Molybdenum	96-1	237	1301	1161	900	64.29	cps
Molybdenum	97-1	103	540	674	439	67.94	cps
Molybdenum	98-1	357	1301	1615	1091	60.04	cps
Neodymium	150-1	10	3	20	11	75.52	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	73	123	84	41.09	cps
Phosphorus	31-2	193	210	177	193	8.62	cps
Potassium	39-2	10677	10754	10641	10691	0.54	cps
Rhodium	103-1	7823756	7229375	7972938	7675356	5.13	cps
Rhodium	103-2	3266531	3372633	3418000	3352388	2.32	cps
Scandium	45-1	5051191	4682316	5354425	5029311	6.69	cps
Scandium	45-2	178768	178957	177810	178512	0.34	cps
Selenium	82-1	17	-7	-33	-8	-321.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	27	16	65.47	cps
Silicon	28-1	199482	198600	199029	199037	0.22	cps
Silver	107-1	97	73	167	112	43.28	cps
Silver	109-1	70	60	107	79	31.15	cps
Sodium	23-2	28118	27086	28419	27874	2.51	cps
Strontium	86-1	397	1461	407	755	81.04	cps
Strontium	88-1	1153	12903	1290	5115	131.84	cps
Sulfur	34-1	311404	311238	311551	311398	0.05	cps
Terbium	159-1	10843252	10120799	11310906	10758319	5.57	cps
Terbium	159-2	4102587	4119978	4173793	4132119	0.90	cps
Thallium	203-1	1027	1077	1210	1105	8.58	cps
Thallium	205-1	2367	2550	2524	2480	3.99	cps
Tin	118-1	907	840	953	900	6.33	cps
Titanium	47-1	143	100	133	126	18.07	cps
Uranium	238-1	90	40	47	59	46.10	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	37	40	32	33.25	cps
Ytterbium	172-1	90	53	90	78	27.22	cps
Ytterbium	172-2	20	50	43	38	41.70	cps
Ytterbium	176-1	1163	1077	1307	1182	9.83	cps
Ytterbium	176-2	13801	14288	14268	14119	1.95	cps
Yttrium	89-1	12373090	11389723	12974788	12245867	6.53	cps
Yttrium	89-2	1292071	1288698	1297687	1292819	0.35	cps
Zinc	66-2	643	543	783	657	18.36	cps
Zirconium	90-1	517	910	727	718	27.43	cps
Zirconium	91-1	110	207	170	162	30.08	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1103	1003	1058	4.78	cps
Antimony	121-1	12012	12406	12372	12263	1.78	cps
Arsenic	75-2	163	180	120	154	20.05	cps
Barium	135-1	13407	13690	14104	13734	2.55	cps
Barium	137-1	24262	24248	24830	24447	1.36	cps
Beryllium	9-1	1706	1609	1579	1631	4.09	cps
Bismuth	209-1	7234789	7436021	7231486	7300766	1.60	cps
Bismuth	209-2	3358032	3301303	3332959	3330765	0.85	cps
Bromine	81-1	2640	2547	2490	2559	2.96	cps
Cadmium	108-1	123	143	150	139	9.99	cps
Cadmium	106-1	3654	3627	3254	3512	6.37	cps
Cadmium	111-1	1883	1856	1760	1833	3.50	cps
Calcium	43-1	9633	9643	9473	9583	1.00	cps
Calcium	44-1	181213	179323	179053	179863	0.65	cps
Carbon	12-1	2109390	1999961	2085248	2064866	2.78	cps
Carbon	12-2	26848	27616	27285	27250	1.41	cps
Chlorine	35-1	502578	485403	474052	487344	2.95	cps
Chlorine	35-2	3397	3444	3380	3407	0.96	cps
Chromium	52-2	4394	4514	4444	4451	1.35	cps
Cobalt	59-2	3641	3357	3470	3489	4.09	cps
Copper	63-2	6172	5808	5551	5844	5.34	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	103	67	50	73	37.21	cps
Erbium	164-2	17	27	27	23	24.74	cps
Gadolinium	160-1	70	90	70	77	15.06	cps
Gadolinium	160-2	150	137	140	142	4.88	cps
Holmium	165-1	10460092	10904349	10844696	10736379	2.25	cps
Holmium	165-2	4373080	4249394	4364656	4329043	1.60	cps
Indium	115-1	7864791	7860423	7875609	7866941	0.10	cps
Indium	115-2	1144665	1131902	1136319	1137629	0.57	cps
Iron	54-2	4864	4251	4317	4477	7.52	cps
Iron	56-2	92819	74513	76497	81276	12.36	cps
Iron	57-2	2384	1987	2070	2147	9.75	cps
Krypton	83-1	180	200	180	187	6.19	cps
Lead	206-1	8537	5718	5928	6728	23.34	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7442	5324	5401	6056	19.83	cps
Lead	208-1	34568	24590	24723	27960	20.47	cps
Lithium	6-1	2540025	2540369	2624223	2568205	1.89	cps
Magnesium	24-2	74992	74358	74486	74612	0.45	cps
Manganese	55-2	1190	933	890	1005	16.14	cps
Molybdenum	94-1	13060	13100	12823	12994	1.15	cps
Molybdenum	95-1	15075	15579	15969	15541	2.88	cps
Molybdenum	96-1	16920	17698	16844	17154	2.76	cps
Molybdenum	97-1	9420	9510	9530	9487	0.62	cps
Molybdenum	98-1	24472	25276	24612	24787	1.73	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	870	1003	1000	958	7.94	cps
Phosphorus	31-2	277	313	303	298	6.37	cps
Potassium	39-2	56490	55496	56015	56000	0.89	cps
Rhodium	103-1	7708516	7736322	7765311	7736716	0.37	cps
Rhodium	103-2	3442574	3398485	3288550	3376536	2.35	cps
Scandium	45-1	5073815	5036468	5226695	5112326	1.97	cps
Scandium	45-2	184061	180901	181546	182169	0.92	cps
Selenium	82-1	577	487	483	516	10.27	cps
Selenium	77-2	27	13	23	21	32.88	cps
Selenium	78-2	50	80	90	73	28.39	cps
Silicon	28-1	223429	223176	221440	222681	0.49	cps
Silver	107-1	7499	7766	7732	7666	1.90	cps
Silver	109-1	7109	7229	7265	7201	1.14	cps
Sodium	23-2	153905	155506	155539	154983	0.60	cps
Strontium	86-1	2580	2270	2180	2344	8.96	cps
Strontium	88-1	19577	17087	16837	17834	8.49	cps
Sulfur	34-1	318845	318626	312242	316571	1.18	cps
Terbium	159-1	10338153	10631156	10758627	10575979	2.04	cps
Terbium	159-2	4182005	4251714	4133172	4188964	1.42	cps
Thallium	203-1	8247	7436	7562	7748	5.63	cps
Thallium	205-1	20329	18433	18179	18981	6.19	cps
Tin	118-1	25193	25390	26078	25554	1.82	cps
Titanium	47-1	4501	4657	4701	4620	2.28	cps
Uranium	238-1	24490	23071	23118	23559	3.42	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 14:32:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7022	6882	6938	6947	1.01	cps
Ytterbium	172-1	87	130	40	86	52.61	cps
Ytterbium	172-2	30	43	27	33	26.45	cps
Ytterbium	176-1	1280	1313	1247	1280	2.60	cps
Ytterbium	176-2	14104	14181	14421	14236	1.16	cps
Yttrium	89-1	12186811	12531344	12354768	12357641	1.39	cps
Yttrium	89-2	1319296	1311578	1319275	1316716	0.34	cps
Zinc	66-2	2264	1960	2044	2089	7.50	cps
Zirconium	90-1	11004	10691	10594	10763	1.99	cps
Zirconium	91-1	2427	2347	2554	2442	4.27	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:22:10	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473	633	603	570	14.92	cps
Antimony	121-1	2750	2864	2894	2836	2.67	cps
Arsenic	75-2	67	60	53	60	11.12	cps
Barium	135-1	3054	3204	3140	3133	2.40	cps
Barium	137-1	5444	5454	5631	5510	1.91	cps
Beryllium	9-1	715	801	752	756	5.72	cps
Bismuth	209-1	7494928	7493658	7516584	7501723	0.17	cps
Bismuth	209-2	3418881	3392014	3449138	3420011	0.84	cps
Bromine	81-1	3264	3127	3134	3175	2.43	cps
Cadmium	108-1	60	90	67	72	21.81	cps
Cadmium	106-1	3480	3474	3287	3414	3.22	cps
Cadmium	111-1	1076	1011	1055	1048	3.17	cps
Calcium	43-1	4111	4367	4284	4254	3.08	cps
Calcium	44-1	92894	93783	92632	93103	0.65	cps
Carbon	12-1	2175011	2160549	2159145	2164902	0.41	cps
Carbon	12-2	28321	27750	27987	28019	1.02	cps
Chlorine	35-1	155393	144156	142339	147296	4.80	cps
Chlorine	35-2	1063	1020	1027	1037	2.25	cps
Chromium	52-2	1877	1917	1867	1887	1.40	cps
Cobalt	59-2	1523	1740	1587	1617	6.89	cps
Copper	63-2	3004	3087	3224	3105	3.58	cps
Dysprosium	156-1	0	7	3	3	100.05	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	130	80	83	98	28.59	cps
Erbium	164-2	30	33	23	29	17.63	cps
Gadolinium	160-1	120	117	83	107	19.01	cps
Gadolinium	160-2	177	213	147	179	18.67	cps
Holmium	165-1	11048724	11331121	11106247	11162031	1.34	cps
Holmium	165-2	4525119	4482745	4509308	4505724	0.48	cps
Indium	115-1	8308628	8364677	8199687	8290998	1.01	cps
Indium	115-2	1209022	1180048	1216398	1201823	1.60	cps
Iron	54-2	3030	3410	3270	3237	5.94	cps
Iron	56-2	53272	53299	53748	53440	0.50	cps
Iron	57-2	1353	1380	1380	1371	1.12	cps
Krypton	83-1	170	200	183	184	8.15	cps
Lead	206-1	2677	2777	2550	2668	4.26	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:22:10	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2454	2330	2267	2350	4.04	cps
Lead	208-1	10769	10662	10562	10664	0.97	cps
Lithium	6-1	2912436	2871151	2711029	2831539	3.76	cps
Magnesium	24-2	33659	33181	32339	33060	2.02	cps
Manganese	55-2	953	860	843	886	6.69	cps
Molybdenum	94-1	2790	2547	2817	2718	5.48	cps
Molybdenum	95-1	1563	1443	1527	1511	4.07	cps
Molybdenum	96-1	2047	1910	1910	1956	4.04	cps
Molybdenum	97-1	993	893	903	930	5.92	cps
Molybdenum	98-1	2297	2160	2377	2278	4.81	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	463	457	497	472	4.54	cps
Phosphorus	31-2	253	290	283	276	7.09	cps
Potassium	39-2	22895	23299	22908	23034	1.00	cps
Rhodium	103-1	8132374	7966560	8119235	8072723	1.14	cps
Rhodium	103-2	3584399	3473117	3537474	3531663	1.58	cps
Scandium	45-1	5478702	5579401	5500329	5519477	0.96	cps
Scandium	45-2	196816	190411	196526	194584	1.86	cps
Selenium	82-1	313	330	293	312	5.88	cps
Selenium	77-2	0	10	27	12	110.23	cps
Selenium	78-2	33	47	40	40	16.68	cps
Silicon	28-1	209977	211164	212892	211344	0.69	cps
Silver	107-1	3457	3467	3884	3603	6.76	cps
Silver	109-1	3304	3440	3621	3455	4.60	cps
Sodium	23-2	76559	76348	76720	76543	0.24	cps
Strontium	86-1	1323	1307	1290	1307	1.28	cps
Strontium	88-1	8209	7986	8586	8260	3.67	cps
Sulfur	34-1	344822	343971	346515	345103	0.38	cps
Terbium	159-1	10980496	11039843	11226590	11082310	1.16	cps
Terbium	159-2	4454730	4358432	4355786	4389649	1.28	cps
Thallium	203-1	3284	3414	3280	3326	2.29	cps
Thallium	205-1	7976	7902	7993	7957	0.60	cps
Tin	118-1	5218	2907	2774	3633	37.83	cps
Titanium	47-1	450	510	520	493	7.67	cps
Uranium	238-1	10544	10408	10261	10404	1.36	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:22:10	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	653	680	693	676	3.01	cps
Ytterbium	172-1	67	87	47	67	30.00	cps
Ytterbium	172-2	23	27	33	28	18.33	cps
Ytterbium	176-1	1277	1180	1223	1227	3.95	cps
Ytterbium	176-2	15292	15299	15199	15263	0.37	cps
Yttrium	89-1	13023586	13168468	13067319	13086458	0.57	cps
Yttrium	89-2	1402094	1387024	1395083	1394734	0.54	cps
Zinc	66-2	930	847	867	881	4.94	cps
Zirconium	90-1	5271	5131	4871	5091	3.99	cps
Zirconium	91-1	1177	1093	1250	1173	6.68	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1240	1203	1310	1251	4.33	cps
Antimony	121-1	12900	13610	12836	13115	3.28	cps
Arsenic	75-2	180	180	173	178	2.16	cps
Barium	135-1	14525	14401	15038	14655	2.31	cps
Barium	137-1	27044	26443	26189	26558	1.65	cps
Beryllium	9-1	1797	1864	1827	1829	1.81	cps
Bismuth	209-1	7611688	7693169	7770878	7691912	1.03	cps
Bismuth	209-2	3441648	3435655	3427791	3435031	0.20	cps
Bromine	81-1	2920	3207	3184	3104	5.13	cps
Cadmium	108-1	137	187	103	142	29.49	cps
Cadmium	106-1	3831	3934	3681	3815	3.34	cps
Cadmium	111-1	1948	1983	2039	1990	2.32	cps
Calcium	43-1	10217	9967	10307	10164	1.73	cps
Calcium	44-1	191639	192288	190765	191564	0.40	cps
Carbon	12-1	2093210	2031281	2025243	2049911	1.84	cps
Carbon	12-2	27025	27309	27095	27143	0.54	cps
Chlorine	35-1	157593	143600	142631	147942	5.66	cps
Chlorine	35-2	1007	1150	1033	1063	7.17	cps
Chromium	52-2	4728	4931	4614	4758	3.37	cps
Cobalt	59-2	3831	3807	3631	3756	2.91	cps
Copper	63-2	5961	6221	6088	6090	2.14	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	83	103	107	98	12.91	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	97	100	100	99	1.94	cps
Gadolinium	160-2	187	200	187	191	4.03	cps
Holmium	165-1	11230842	11225682	11212366	11222963	0.08	cps
Holmium	165-2	4579666	4465825	4466361	4503951	1.46	cps
Indium	115-1	8195429	8402263	8249443	8282378	1.30	cps
Indium	115-2	1209199	1215590	1210109	1211633	0.29	cps
Iron	54-2	4761	4784	4881	4809	1.32	cps
Iron	56-2	83090	83724	82225	83013	0.91	cps
Iron	57-2	2070	2220	2107	2132	3.67	cps
Krypton	83-1	223	190	217	210	8.40	cps
Lead	206-1	5865	5748	5898	5837	1.35	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5264	5094	5124	5161	1.76	cps
Lead	208-1	23912	23425	23175	23504	1.60	cps
Lithium	6-1	2802457	2863921	2809406	2825261	1.19	cps
Magnesium	24-2	80846	81808	80883	81179	0.67	cps
Manganese	55-2	1060	1067	930	1019	7.56	cps
Molybdenum	94-1	14014	13660	13994	13889	1.43	cps
Molybdenum	95-1	16296	16273	15806	16125	1.72	cps
Molybdenum	96-1	18316	18786	18422	18508	1.33	cps
Molybdenum	97-1	10334	10084	10424	10281	1.71	cps
Molybdenum	98-1	25961	26445	26459	26288	1.08	cps
Neodymium	150-1	10	17	27	18	47.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1017	1147	990	1051	7.97	cps
Phosphorus	31-2	387	360	380	376	3.70	cps
Potassium	39-2	61704	60513	60182	60800	1.32	cps
Rhodium	103-1	8156913	8308319	8231052	8232095	0.92	cps
Rhodium	103-2	3632567	3556342	3493892	3560934	1.95	cps
Scandium	45-1	5529087	5597927	5471488	5532834	1.14	cps
Scandium	45-2	195363	197899	198959	197407	0.94	cps
Selenium	82-1	523	670	567	587	12.84	cps
Selenium	77-2	10	30	17	19	53.91	cps
Selenium	78-2	70	90	70	77	15.06	cps
Silicon	28-1	238532	235371	236926	236943	0.67	cps
Silver	107-1	7979	8082	8373	8145	2.51	cps
Silver	109-1	7832	8266	8099	8066	2.71	cps
Sodium	23-2	160024	162525	162524	161691	0.89	cps
Strontium	86-1	2350	2477	2370	2399	2.84	cps
Strontium	88-1	17942	17665	18175	17927	1.43	cps
Sulfur	34-1	350212	351823	350162	350732	0.27	cps
Terbium	159-1	11356727	11383091	11322474	11354097	0.27	cps
Terbium	159-2	4425933	4375677	4382246	4394619	0.62	cps
Thallium	203-1	7292	6939	7112	7114	2.48	cps
Thallium	205-1	17682	17802	17392	17625	1.20	cps
Tin	118-1	26793	27438	26596	26942	1.63	cps
Titanium	47-1	4868	4864	5018	4916	1.78	cps
Uranium	238-1	23619	23759	23175	23517	1.30	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:25:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8066	7819	7712	7866	2.31	cps
Ytterbium	172-1	103	80	63	82	24.44	cps
Ytterbium	172-2	40	57	37	44	24.11	cps
Ytterbium	176-1	1583	1447	1343	1458	8.26	cps
Ytterbium	176-2	15519	15569	15753	15614	0.79	cps
Yttrium	89-1	13357937	13400946	13206016	13321633	0.77	cps
Yttrium	89-2	1411129	1415183	1381455	1402589	1.31	cps
Zinc	66-2	2204	2013	2280	2166	6.34	cps
Zirconium	90-1	11438	11335	11562	11445	0.99	cps
Zirconium	91-1	2450	2677	2594	2574	4.46	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1253	1313	1253	1273	2.72	cps
Antimony	121-1	12859	13120	13200	13060	1.36	cps
Arsenic	75-2	177	200	147	174	15.33	cps
Barium	135-1	14595	15205	14708	14836	2.19	cps
Barium	137-1	26049	26499	26015	26188	1.03	cps
Beryllium	9-1	1759	1877	1855	1830	3.45	cps
Bismuth	209-1	7768181	7515958	7576605	7620248	1.73	cps
Bismuth	209-2	3479513	3189677	3413303	3360831	4.52	cps
Bromine	81-1	2864	3080	3180	3041	5.32	cps
Cadmium	108-1	163	150	143	152	6.69	cps
Cadmium	106-1	4001	3787	3794	3861	3.14	cps
Cadmium	111-1	2023	1947	1999	1990	1.94	cps
Calcium	43-1	10020	10107	10114	10080	0.52	cps
Calcium	44-1	195159	195511	195777	195482	0.16	cps
Carbon	12-1	2080829	2084067	2074048	2079648	0.25	cps
Carbon	12-2	26023	26691	27265	26660	2.33	cps
Chlorine	35-1	155442	142901	142109	146817	5.09	cps
Chlorine	35-2	950	943	1080	991	7.77	cps
Chromium	52-2	4854	4511	4868	4744	4.26	cps
Cobalt	59-2	3851	3637	3744	3744	2.85	cps
Copper	63-2	5911	6241	6208	6120	2.97	cps
Dysprosium	156-1	3	7	3	4	43.40	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	103	97	83	34.87	cps
Erbium	164-2	40	37	30	36	14.32	cps
Gadolinium	160-1	93	110	77	93	17.85	cps
Gadolinium	160-2	197	147	173	172	14.53	cps
Holmium	165-1	11310643	11437535	11226159	11324779	0.94	cps
Holmium	165-2	4575584	4144235	4528241	4416020	5.36	cps
Indium	115-1	8419945	8496971	8358449	8425122	0.82	cps
Indium	115-2	1207552	1131818	1226763	1188711	4.22	cps
Iron	54-2	5074	4908	5044	5009	1.77	cps
Iron	56-2	82363	82876	81649	82296	0.75	cps
Iron	57-2	2184	2387	2120	2230	6.25	cps
Krypton	83-1	187	147	183	172	12.89	cps
Lead	206-1	5901	5835	6108	5948	2.40	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5088	5118	5264	5157	1.83	cps
Lead	208-1	23862	23572	23859	23764	0.70	cps
Lithium	6-1	2981589	2849627	2945437	2925551	2.33	cps
Magnesium	24-2	81775	82488	82133	82132	0.43	cps
Manganese	55-2	1030	937	1117	1028	8.76	cps
Molybdenum	94-1	14247	14154	14144	14182	0.40	cps
Molybdenum	95-1	16550	16353	16760	16554	1.23	cps
Molybdenum	96-1	18809	18412	18763	18662	1.16	cps
Molybdenum	97-1	10197	10344	10404	10315	1.03	cps
Molybdenum	98-1	26349	26836	26432	26539	0.98	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	923	897	980	933	4.56	cps
Phosphorus	31-2	357	327	347	343	4.45	cps
Potassium	39-2	60844	60844	60506	60731	0.32	cps
Rhodium	103-1	8502756	8336282	8345980	8395006	1.11	cps
Rhodium	103-2	3624813	3346169	3631780	3534254	4.61	cps
Scandium	45-1	5652368	5600944	5559373	5604228	0.83	cps
Scandium	45-2	196688	182310	199879	192959	4.85	cps
Selenium	82-1	557	587	487	543	9.45	cps
Selenium	77-2	27	27	17	23	24.74	cps
Selenium	78-2	77	77	70	74	5.17	cps
Silicon	28-1	239382	235128	235168	236559	1.03	cps
Silver	107-1	8426	8142	8379	8316	1.83	cps
Silver	109-1	7579	8229	8076	7961	4.27	cps
Sodium	23-2	162015	163415	158015	161148	1.74	cps
Strontium	86-1	2434	2374	2480	2429	2.20	cps
Strontium	88-1	18936	18646	18399	18660	1.44	cps
Sulfur	34-1	355041	352979	352608	353543	0.37	cps
Terbium	159-1	11428876	11488205	11202020	11373034	1.33	cps
Terbium	159-2	4376827	4051619	4393506	4273984	4.51	cps
Thallium	203-1	7165	6919	7336	7140	2.94	cps
Thallium	205-1	17509	17365	17405	17426	0.43	cps
Tin	118-1	26803	27645	27625	27357	1.76	cps
Titanium	47-1	5194	5001	5048	5081	1.99	cps
Uranium	238-1	23665	23492	23575	23578	0.37	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:33:07	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7906	7709	7462	7692	2.89	cps
Ytterbium	172-1	83	97	103	94	10.78	cps
Ytterbium	172-2	33	20	30	28	24.98	cps
Ytterbium	176-1	1390	1417	1350	1386	2.42	cps
Ytterbium	176-2	15142	14101	15726	14990	5.49	cps
Yttrium	89-1	13415929	13123501	13282249	13273893	1.10	cps
Yttrium	89-2	1420811	1321092	1410686	1384196	3.97	cps
Zinc	66-2	2150	2140	2144	2145	0.24	cps
Zirconium	90-1	11538	11348	11752	11546	1.75	cps
Zirconium	91-1	2710	2557	2507	2591	4.09	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : O4699-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 15:36:33 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	633	610	618	2.18	cps
Antimony	121-1	2640	2657	2847	2715	4.23	cps
Arsenic	75-2	77	67	77	73	7.87	cps
Barium	135-1	3390	3224	3054	3223	5.22	cps
Barium	137-1	5595	5665	5611	5623	0.65	cps
Beryllium	9-1	824	745	749	772	5.75	cps
Bismuth	209-1	7766794	7451500	7694830	7637708	2.16	cps
Bismuth	209-2	3505059	3472240	3399524	3458941	1.56	cps
Bromine	81-1	3110	3144	3100	3118	0.73	cps
Cadmium	108-1	67	57	60	61	8.33	cps
Cadmium	106-1	3761	3791	3607	3719	2.64	cps
Cadmium	111-1	1016	1206	1052	1091	9.25	cps
Calcium	43-1	4241	4414	4257	4304	2.22	cps
Calcium	44-1	95333	95666	94843	95281	0.43	cps
Carbon	12-1	2151018	2162688	2126388	2146698	0.86	cps
Carbon	12-2	28391	27983	27833	28069	1.03	cps
Chlorine	35-1	147056	134615	133327	138333	5.48	cps
Chlorine	35-2	860	957	833	883	7.35	cps
Chromium	52-2	1743	1900	1763	1802	4.73	cps
Cobalt	59-2	1653	1477	1480	1537	6.58	cps
Copper	63-2	3014	2854	2684	2850	5.79	cps
Dysprosium	156-1	10	3	10	8	49.52	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	107	87	100	98	10.41	cps
Erbium	164-2	43	23	7	24	75.09	cps
Gadolinium	160-1	90	93	100	94	5.39	cps
Gadolinium	160-2	223	223	180	209	11.98	cps
Holmium	165-1	11196535	11478767	11240393	11305232	1.34	cps
Holmium	165-2	4563393	4578040	4515274	4552236	0.72	cps
Indium	115-1	8422292	8234551	8335593	8330812	1.13	cps
Indium	115-2	1222523	1213388	1215147	1217019	0.40	cps
Iron	54-2	3107	3110	3340	3186	4.20	cps
Iron	56-2	53483	53851	53018	53451	0.78	cps
Iron	57-2	1443	1370	1390	1401	2.71	cps
Krypton	83-1	230	233	257	240	6.05	cps
Lead	206-1	2794	2710	2570	2691	4.19	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:36:33	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2360	2357	2454	2390	2.30	cps
Lead	208-1	10658	10762	10819	10746	0.76	cps
Lithium	6-1	2868094	2891768	2791127	2850329	1.85	cps
Magnesium	24-2	33034	33208	33007	33083	0.33	cps
Manganese	55-2	827	973	753	851	13.16	cps
Molybdenum	94-1	2684	2447	2590	2574	4.63	cps
Molybdenum	95-1	1430	1377	1540	1449	5.75	cps
Molybdenum	96-1	1910	2000	1983	1965	2.44	cps
Molybdenum	97-1	970	773	807	850	12.38	cps
Molybdenum	98-1	2397	2284	2167	2282	5.04	cps
Neodymium	150-1	13	17	0	10	88.20	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	480	457	427	454	5.88	cps
Phosphorus	31-2	257	240	257	251	3.83	cps
Potassium	39-2	22708	22494	23412	22872	2.10	cps
Rhodium	103-1	8216784	8234875	8114786	8188815	0.79	cps
Rhodium	103-2	3606120	3622153	3497060	3575111	1.90	cps
Scandium	45-1	5522182	5542125	5622544	5562283	0.96	cps
Scandium	45-2	197892	196759	196508	197053	0.37	cps
Selenium	82-1	280	293	253	276	7.39	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	37	63	60	53	27.24	cps
Silicon	28-1	212425	215909	214745	214360	0.83	cps
Silver	107-1	3614	3727	3631	3657	1.67	cps
Silver	109-1	3310	3384	3394	3363	1.35	cps
Sodium	23-2	75219	75085	75738	75347	0.46	cps
Strontium	86-1	1197	1297	1197	1230	4.69	cps
Strontium	88-1	8589	8112	7896	8199	4.33	cps
Sulfur	34-1	348197	353758	352880	351611	0.85	cps
Terbium	159-1	11284958	11328476	11354932	11322788	0.31	cps
Terbium	159-2	4431335	4378889	4282390	4364205	1.73	cps
Thallium	203-1	3337	3227	3184	3249	2.43	cps
Thallium	205-1	7816	7949	7943	7902	0.95	cps
Tin	118-1	2824	2957	2910	2897	2.34	cps
Titanium	47-1	530	510	497	512	3.28	cps
Uranium	238-1	10328	9841	10087	10085	2.41	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:36:33	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	643	667	673	661	2.38	cps
Ytterbium	172-1	73	80	40	64	33.25	cps
Ytterbium	172-2	27	27	33	29	13.31	cps
Ytterbium	176-1	1357	1443	1347	1382	3.85	cps
Ytterbium	176-2	15312	15349	15389	15350	0.25	cps
Yttrium	89-1	13554940	13387904	13327083	13423309	0.88	cps
Yttrium	89-2	1422484	1412249	1424355	1419696	0.46	cps
Zinc	66-2	850	900	883	878	2.90	cps
Zirconium	90-1	5064	5184	5164	5138	1.25	cps
Zirconium	91-1	1167	1107	1143	1139	2.66	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1103	1227	1170	1167	5.29	cps
Antimony	121-1	12786	13260	12699	12915	2.34	cps
Arsenic	75-2	173	160	150	161	7.27	cps
Barium	135-1	15105	14902	15022	15010	0.68	cps
Barium	137-1	26356	26172	26329	26286	0.38	cps
Beryllium	9-1	1825	1825	1840	1830	0.47	cps
Bismuth	209-1	7551627	7561849	7695651	7603042	1.06	cps
Bismuth	209-2	3467272	3485565	3532044	3494960	0.96	cps
Bromine	81-1	2817	3237	3014	3023	6.95	cps
Cadmium	108-1	143	107	177	142	24.62	cps
Cadmium	106-1	3931	3954	3781	3888	2.42	cps
Cadmium	111-1	1923	1998	1968	1963	1.92	cps
Calcium	43-1	10437	10094	10097	10209	1.93	cps
Calcium	44-1	190874	192247	191884	191668	0.37	cps
Carbon	12-1	2054828	2037170	1986383	2026127	1.75	cps
Carbon	12-2	26160	25736	25723	25873	0.96	cps
Chlorine	35-1	145852	132496	132708	137019	5.58	cps
Chlorine	35-2	1110	917	903	977	11.84	cps
Chromium	52-2	4864	4841	5051	4919	2.34	cps
Cobalt	59-2	3834	3921	3714	3823	2.72	cps
Copper	63-2	5975	6108	5978	6020	1.26	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	70	83	73	12.02	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	77	107	80	88	18.73	cps
Gadolinium	160-2	160	180	203	181	11.98	cps
Holmium	165-1	11182797	11115889	11472724	11257137	1.68	cps
Holmium	165-2	4463683	4595367	4573072	4544040	1.55	cps
Indium	115-1	8202547	8387841	8469039	8353142	1.64	cps
Indium	115-2	1218816	1229764	1221805	1223462	0.46	cps
Iron	54-2	4828	5034	4677	4846	3.70	cps
Iron	56-2	84653	86426	82584	84554	2.27	cps
Iron	57-2	2037	2187	1907	2044	6.86	cps
Krypton	83-1	200	207	193	200	3.33	cps
Lead	206-1	5948	5745	5898	5864	1.81	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5068	5374	5121	5188	3.16	cps
Lead	208-1	23402	23432	23625	23486	0.52	cps
Lithium	6-1	2778377	2752815	2863858	2798350	2.08	cps
Magnesium	24-2	81634	80273	81778	81228	1.02	cps
Manganese	55-2	1010	1030	937	992	4.95	cps
Molybdenum	94-1	13817	14161	13433	13804	2.64	cps
Molybdenum	95-1	16103	16233	16667	16334	1.81	cps
Molybdenum	96-1	18930	18586	19140	18885	1.48	cps
Molybdenum	97-1	10097	10471	9860	10143	3.03	cps
Molybdenum	98-1	26712	26399	26442	26518	0.64	cps
Neodymium	150-1	20	17	13	17	20.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1067	1060	1080	1069	0.95	cps
Phosphorus	31-2	293	357	310	320	10.26	cps
Potassium	39-2	60981	61192	61125	61100	0.18	cps
Rhodium	103-1	8274726	8253436	8171546	8233236	0.66	cps
Rhodium	103-2	3590665	3655076	3612211	3619318	0.91	cps
Scandium	45-1	5498842	5654038	5517788	5556889	1.52	cps
Scandium	45-2	197608	201967	197928	199168	1.22	cps
Selenium	82-1	693	573	563	610	11.86	cps
Selenium	77-2	23	13	10	16	44.60	cps
Selenium	78-2	90	60	87	79	20.84	cps
Silicon	28-1	238732	238908	237455	238365	0.33	cps
Silver	107-1	8239	8159	8263	8220	0.66	cps
Silver	109-1	7716	7796	7876	7796	1.03	cps
Sodium	23-2	162515	162275	162026	162272	0.15	cps
Strontium	86-1	2614	2287	2380	2427	6.93	cps
Strontium	88-1	18359	18052	18159	18190	0.86	cps
Sulfur	34-1	356063	352388	355978	354810	0.59	cps
Terbium	159-1	11080587	11077269	11523183	11227013	2.28	cps
Terbium	159-2	4389363	4412174	4445003	4415514	0.63	cps
Thallium	203-1	7165	7335	7322	7274	1.30	cps
Thallium	205-1	17372	17465	17432	17423	0.27	cps
Tin	118-1	26796	27087	27117	27000	0.66	cps
Titanium	47-1	5141	4874	5001	5005	2.67	cps
Uranium	238-1	23862	23529	23572	23654	0.77	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:39:57	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7706	7842	7485	7678	2.35	cps
Ytterbium	172-1	80	60	87	76	18.37	cps
Ytterbium	172-2	33	33	50	39	24.75	cps
Ytterbium	176-1	1457	1380	1430	1422	2.74	cps
Ytterbium	176-2	14361	15466	15199	15009	3.84	cps
Yttrium	89-1	13252233	13463905	13421144	13379094	0.84	cps
Yttrium	89-2	1427648	1419735	1422970	1423451	0.28	cps
Zinc	66-2	2197	2190	2410	2266	5.52	cps
Zirconium	90-1	12059	11638	11231	11643	3.55	cps
Zirconium	91-1	2610	2554	2614	2592	1.30	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1237	1210	1180	1209	2.35	cps
Antimony	121-1	12976	12426	12442	12615	2.48	cps
Arsenic	75-2	173	203	160	179	12.41	cps
Barium	135-1	14888	14311	14481	14560	2.04	cps
Barium	137-1	26947	25093	25250	25764	3.99	cps
Beryllium	9-1	1900	1781	1791	1824	3.61	cps
Bismuth	209-1	7746330	7218782	7275403	7413505	3.91	cps
Bismuth	209-2	3366882	3299647	3256302	3307610	1.68	cps
Bromine	81-1	3080	3247	3067	3131	3.20	cps
Cadmium	108-1	167	173	120	153	18.95	cps
Cadmium	106-1	4054	3924	3697	3892	4.64	cps
Cadmium	111-1	1919	1948	2059	1975	3.75	cps
Calcium	43-1	10124	9893	9813	9944	1.62	cps
Calcium	44-1	198552	187179	188583	191438	3.24	cps
Carbon	12-1	2043703	2063459	2078706	2061956	0.85	cps
Carbon	12-2	26651	26000	26734	26462	1.52	cps
Chlorine	35-1	146321	133475	132651	137482	5.58	cps
Chlorine	35-2	903	1113	890	969	12.93	cps
Chromium	52-2	4998	4848	4908	4918	1.54	cps
Cobalt	59-2	3520	3727	3744	3664	3.40	cps
Copper	63-2	6018	5918	5781	5906	2.01	cps
Dysprosium	156-1	10	7	10	9	21.63	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	133	100	57	97	39.77	cps
Erbium	164-2	10	20	37	22	60.63	cps
Gadolinium	160-1	80	100	90	90	11.11	cps
Gadolinium	160-2	167	213	153	178	17.72	cps
Holmium	165-1	11543838	10847947	10601364	10997716	4.44	cps
Holmium	165-2	4360777	4295259	4320417	4325484	0.76	cps
Indium	115-1	8259894	8022650	8078823	8120456	1.53	cps
Indium	115-2	1158593	1165256	1164325	1162725	0.31	cps
Iron	54-2	4874	4781	4541	4732	3.64	cps
Iron	56-2	80086	80921	80234	80414	0.55	cps
Iron	57-2	2314	1943	2080	2112	8.86	cps
Krypton	83-1	263	193	193	217	18.65	cps
Lead	206-1	6078	5681	5775	5845	3.55	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5228	5004	4901	5044	3.31	cps
Lead	208-1	24346	22615	22785	23248	4.10	cps
Lithium	6-1	2927033	2741411	2736247	2801563	3.88	cps
Magnesium	24-2	79743	81211	78745	79900	1.55	cps
Manganese	55-2	950	1000	1033	994	4.22	cps
Molybdenum	94-1	14324	13136	13537	13666	4.42	cps
Molybdenum	95-1	16877	15722	16263	16287	3.55	cps
Molybdenum	96-1	19247	18179	18255	18560	3.21	cps
Molybdenum	97-1	10264	10261	10301	10275	0.22	cps
Molybdenum	98-1	26993	26285	26088	26455	1.80	cps
Neodymium	150-1	10	0	20	10	100.00	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	950	1020	1033	1001	4.47	cps
Phosphorus	31-2	303	303	280	296	4.56	cps
Potassium	39-2	60121	60048	60319	60163	0.23	cps
Rhodium	103-1	8378027	7880568	7897322	8051972	3.51	cps
Rhodium	103-2	3353362	3496693	3413275	3421110	2.10	cps
Scandium	45-1	5751831	5314945	5215916	5427564	5.25	cps
Scandium	45-2	188041	187653	187934	187876	0.11	cps
Selenium	82-1	553	603	543	567	5.67	cps
Selenium	77-2	10	30	17	19	53.91	cps
Selenium	78-2	93	73	83	83	12.00	cps
Silicon	28-1	239029	236652	237662	237781	0.50	cps
Silver	107-1	8683	8039	8349	8357	3.85	cps
Silver	109-1	8046	7759	7716	7840	2.29	cps
Sodium	23-2	159963	156611	157574	158050	1.09	cps
Strontium	86-1	2524	2247	2224	2331	7.16	cps
Strontium	88-1	18786	17554	17728	18023	3.70	cps
Sulfur	34-1	355919	352560	351045	353175	0.71	cps
Terbium	159-1	11475966	10705807	10721238	10967670	4.01	cps
Terbium	159-2	4179122	4173976	4307810	4220303	1.80	cps
Thallium	203-1	7779	7159	7229	7389	4.60	cps
Thallium	205-1	18159	16898	16754	17270	4.48	cps
Tin	118-1	27154	26235	26148	26512	2.10	cps
Titanium	47-1	5014	4978	4724	4905	3.22	cps
Uranium	238-1	24697	22493	23081	23424	4.87	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:43:24	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7175	7749	7102	7342	4.83	cps
Ytterbium	172-1	57	77	63	66	15.54	cps
Ytterbium	172-2	27	20	40	29	35.25	cps
Ytterbium	176-1	1407	1297	1413	1372	4.77	cps
Ytterbium	176-2	14431	14391	15279	14701	3.41	cps
Yttrium	89-1	13515664	12647295	12724349	12962436	3.71	cps
Yttrium	89-2	1368247	1368943	1365365	1367518	0.14	cps
Zinc	66-2	2140	2100	1997	2079	3.56	cps
Zirconium	90-1	11738	11278	11138	11385	2.76	cps
Zirconium	91-1	2660	2514	2530	2568	3.13	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 15:46:48 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	663	667	613	648	4.61	cps
Antimony	121-1	2820	2904	2817	2847	1.73	cps
Arsenic	75-2	73	77	47	66	25.08	cps
Barium	135-1	3280	3254	3187	3240	1.48	cps
Barium	137-1	5575	5605	5605	5595	0.31	cps
Beryllium	9-1	751	787	826	788	4.76	cps
Bismuth	209-1	7721372	7589251	7780768	7697130	1.27	cps
Bismuth	209-2	3446083	3448231	3476833	3457049	0.50	cps
Bromine	81-1	3137	2977	3024	3046	2.70	cps
Cadmium	108-1	53	53	70	59	16.34	cps
Cadmium	106-1	3641	3871	3797	3769	3.12	cps
Cadmium	111-1	1047	1093	1004	1048	4.25	cps
Calcium	43-1	4297	4254	4231	4261	0.79	cps
Calcium	44-1	95598	95031	95112	95247	0.32	cps
Carbon	12-1	2219819	2185220	2163621	2189553	1.29	cps
Carbon	12-2	28190	28461	27689	28114	1.39	cps
Chlorine	35-1	141463	129186	129862	133504	5.17	cps
Chlorine	35-2	970	923	993	962	3.70	cps
Chromium	52-2	1827	1893	1920	1880	2.56	cps
Cobalt	59-2	1590	1637	1733	1653	4.42	cps
Copper	63-2	3180	3024	2820	3008	6.00	cps
Dysprosium	156-1	10	0	13	8	89.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	77	93	84	9.93	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	90	83	77	83	8.00	cps
Gadolinium	160-2	187	197	193	192	2.65	cps
Holmium	165-1	11449913	11266161	10960255	11225443	2.20	cps
Holmium	165-2	4465345	4523217	4467082	4485214	0.73	cps
Indium	115-1	8353768	8256473	8242327	8284189	0.73	cps
Indium	115-2	1218766	1205062	1220298	1214709	0.69	cps
Iron	54-2	2990	3264	3124	3126	4.37	cps
Iron	56-2	54259	53553	54112	53975	0.69	cps
Iron	57-2	1427	1387	1333	1382	3.39	cps
Krypton	83-1	180	173	240	198	18.56	cps
Lead	206-1	2647	2484	2600	2577	3.27	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:46:48	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2290	2247	2484	2340	5.39	cps
Lead	208-1	10545	10332	10812	10563	2.28	cps
Lithium	6-1	2864432	2906917	2877484	2882944	0.75	cps
Magnesium	24-2	33181	33732	33154	33356	0.98	cps
Manganese	55-2	913	843	897	884	4.13	cps
Molybdenum	94-1	2770	2724	2587	2694	3.54	cps
Molybdenum	95-1	1380	1563	1387	1443	7.20	cps
Molybdenum	96-1	2070	1980	1930	1994	3.56	cps
Molybdenum	97-1	973	923	917	938	3.30	cps
Molybdenum	98-1	2397	2297	2280	2325	2.71	cps
Neodymium	150-1	17	7	20	14	48.02	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	463	430	467	453	4.47	cps
Phosphorus	31-2	227	217	270	238	11.92	cps
Potassium	39-2	23456	23155	22721	23111	1.60	cps
Rhodium	103-1	8294190	8136249	8212213	8214217	0.96	cps
Rhodium	103-2	3603793	3596791	3570450	3590345	0.49	cps
Scandium	45-1	5429945	5661125	5761137	5617402	3.02	cps
Scandium	45-2	201402	195442	199961	198935	1.56	cps
Selenium	82-1	307	320	287	304	5.51	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	60	53	30	48	32.97	cps
Silicon	28-1	217536	214920	216505	216320	0.61	cps
Silver	107-1	3494	3607	3661	3587	2.37	cps
Silver	109-1	3457	3457	3550	3488	1.54	cps
Sodium	23-2	75825	74834	74984	75215	0.71	cps
Strontium	86-1	1210	1267	1303	1260	3.73	cps
Strontium	88-1	8379	8082	7996	8152	2.47	cps
Sulfur	34-1	349309	353045	351333	351229	0.53	cps
Terbium	159-1	11312048	11350979	11328893	11330640	0.17	cps
Terbium	159-2	4386206	4389473	4429620	4401766	0.55	cps
Thallium	203-1	3257	3290	3084	3210	3.46	cps
Thallium	205-1	7676	8009	8123	7936	2.93	cps
Tin	118-1	3117	2687	2697	2834	8.66	cps
Titanium	47-1	513	567	473	518	9.04	cps
Uranium	238-1	10324	10458	10294	10359	0.84	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:46:48	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	620	577	697	631	9.63	cps
Ytterbium	172-1	87	97	77	87	11.54	cps
Ytterbium	172-2	40	23	33	32	26.04	cps
Ytterbium	176-1	1470	1420	1417	1436	2.08	cps
Ytterbium	176-2	15386	15536	15946	15623	1.86	cps
Yttrium	89-1	13300620	13264683	13318991	13294765	0.21	cps
Yttrium	89-2	1428370	1416011	1414646	1419676	0.53	cps
Zinc	66-2	867	873	777	839	6.44	cps
Zirconium	90-1	5034	5051	5244	5110	2.29	cps
Zirconium	91-1	1090	1110	1070	1090	1.83	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333	1287	1137	1252	8.21	cps
Antimony	121-1	13003	12763	13166	12977	1.56	cps
Arsenic	75-2	140	170	177	162	12.04	cps
Barium	135-1	15606	15259	14962	15275	2.11	cps
Barium	137-1	26162	27435	26483	26693	2.48	cps
Beryllium	9-1	1750	1832	1846	1809	2.88	cps
Bismuth	209-1	7939118	7822222	7529112	7763484	2.72	cps
Bismuth	209-2	3450675	3446595	3513437	3470236	1.08	cps
Bromine	81-1	3104	3160	3300	3188	3.18	cps
Cadmium	108-1	93	147	110	117	23.39	cps
Cadmium	106-1	4031	4207	3634	3957	7.42	cps
Cadmium	111-1	1941	2118	2140	2066	5.27	cps
Calcium	43-1	10407	10224	10631	10421	1.96	cps
Calcium	44-1	193018	192039	195399	193485	0.89	cps
Carbon	12-1	2081771	2050533	2073164	2068489	0.78	cps
Carbon	12-2	26651	26030	26507	26396	1.23	cps
Chlorine	35-1	144753	132735	129903	135797	5.81	cps
Chlorine	35-2	883	940	940	921	3.55	cps
Chromium	52-2	4861	4904	4921	4895	0.63	cps
Cobalt	59-2	3904	3704	3664	3757	3.42	cps
Copper	63-2	6225	6582	6178	6328	3.49	cps
Dysprosium	156-1	13	20	10	14	35.26	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	80	77	77	78	2.47	cps
Erbium	164-2	30	20	40	30	33.33	cps
Gadolinium	160-1	100	117	90	102	13.18	cps
Gadolinium	160-2	187	160	213	187	14.29	cps
Holmium	165-1	11492762	11419903	11025234	11312633	2.22	cps
Holmium	165-2	4486772	4525673	4531400	4514615	0.54	cps
Indium	115-1	8284164	8286001	8232492	8267552	0.37	cps
Indium	115-2	1208869	1216977	1221881	1215909	0.54	cps
Iron	54-2	4951	5258	5048	5085	3.08	cps
Iron	56-2	84112	82812	84492	83806	1.05	cps
Iron	57-2	2160	2247	2044	2150	4.75	cps
Krypton	83-1	240	203	230	224	8.44	cps
Lead	206-1	6092	6292	5811	6065	3.98	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5101	5274	5328	5234	2.27	cps
Lead	208-1	23722	24426	23912	24020	1.52	cps
Lithium	6-1	2846236	2821832	2864255	2844108	0.75	cps
Magnesium	24-2	83601	82405	84265	83424	1.13	cps
Manganese	55-2	1017	1103	1137	1086	5.71	cps
Molybdenum	94-1	13570	13934	13890	13798	1.44	cps
Molybdenum	95-1	16930	16483	16834	16749	1.40	cps
Molybdenum	96-1	18509	18492	18799	18600	0.93	cps
Molybdenum	97-1	10341	10287	10628	10418	1.76	cps
Molybdenum	98-1	27277	26739	26856	26957	1.05	cps
Neodymium	150-1	13	23	7	14	58.06	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1000	1103	1013	1039	5.41	cps
Phosphorus	31-2	327	313	300	313	4.25	cps
Potassium	39-2	61145	61932	62186	61755	0.88	cps
Rhodium	103-1	8213291	8183068	8037293	8144551	1.16	cps
Rhodium	103-2	3586605	3592661	3623641	3600969	0.55	cps
Scandium	45-1	5634431	5561044	5582475	5592650	0.67	cps
Scandium	45-2	196490	194032	198429	196317	1.12	cps
Selenium	82-1	613	593	543	583	6.18	cps
Selenium	77-2	20	13	13	16	24.76	cps
Selenium	78-2	63	103	83	83	24.01	cps
Silicon	28-1	238368	238254	237611	238078	0.17	cps
Silver	107-1	8439	8539	8599	8526	0.95	cps
Silver	109-1	8219	8413	8009	8214	2.46	cps
Sodium	23-2	162069	161585	164631	162762	1.01	cps
Strontium	86-1	2474	2544	2594	2537	2.38	cps
Strontium	88-1	18396	18509	18536	18480	0.40	cps
Sulfur	34-1	356219	355881	357277	356459	0.20	cps
Terbium	159-1	11527643	11711144	11025102	11421296	3.11	cps
Terbium	159-2	4368031	4390093	4377867	4378664	0.25	cps
Thallium	203-1	7479	7359	7205	7348	1.87	cps
Thallium	205-1	17305	17772	17445	17508	1.37	cps
Tin	118-1	27772	27271	27461	27501	0.92	cps
Titanium	47-1	5238	5061	4848	5049	3.87	cps
Uranium	238-1	23816	23649	24754	24073	2.48	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:50:14	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7802	7725	7752	7760	0.50	cps
Ytterbium	172-1	73	73	83	77	7.53	cps
Ytterbium	172-2	23	33	23	27	21.65	cps
Ytterbium	176-1	1503	1483	1547	1511	2.14	cps
Ytterbium	176-2	15155	15719	16137	15671	3.14	cps
Yttrium	89-1	13302741	13308087	12935299	13182042	1.62	cps
Yttrium	89-2	1416349	1429416	1415031	1420265	0.56	cps
Zinc	66-2	2277	2200	2147	2208	2.96	cps
Zirconium	90-1	11945	11882	11915	11914	0.27	cps
Zirconium	91-1	2557	2517	2450	2508	2.15	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	623	610	622	1.88	cps
Antimony	121-1	2980	2874	2794	2883	3.25	cps
Arsenic	75-2	63	83	87	78	16.23	cps
Barium	135-1	3260	3164	3317	3247	2.39	cps
Barium	137-1	5561	5551	5595	5569	0.41	cps
Beryllium	9-1	786	775	760	774	1.70	cps
Bismuth	209-1	7604437	7640516	7622691	7622548	0.24	cps
Bismuth	209-2	3462049	3412219	3482312	3452193	1.04	cps
Bromine	81-1	3254	3154	2910	3106	5.69	cps
Cadmium	108-1	57	53	53	54	3.54	cps
Cadmium	106-1	3827	3654	4084	3855	5.61	cps
Cadmium	111-1	1126	1111	1068	1102	2.77	cps
Calcium	43-1	4547	4434	4334	4439	2.41	cps
Calcium	44-1	93649	94572	95021	94414	0.74	cps
Carbon	12-1	2193843	2214128	2181619	2196530	0.75	cps
Carbon	12-2	28524	27796	27890	28070	1.41	cps
Chlorine	35-1	141787	130542	129611	133980	5.06	cps
Chlorine	35-2	897	893	870	887	1.64	cps
Chromium	52-2	1890	1933	1820	1881	3.04	cps
Cobalt	59-2	1637	1503	1593	1578	4.31	cps
Copper	63-2	2984	3030	3034	3016	0.93	cps
Dysprosium	156-1	3	10	10	8	49.52	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	87	83	80	83	4.00	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	83	97	70	83	16.00	cps
Gadolinium	160-2	193	183	187	188	2.71	cps
Holmium	165-1	11472063	11172199	11330130	11324797	1.32	cps
Holmium	165-2	4576082	4436086	4534558	4515576	1.59	cps
Indium	115-1	8323549	8231961	8345724	8300411	0.73	cps
Indium	115-2	1208252	1202433	1214668	1208451	0.51	cps
Iron	54-2	3064	3097	3004	3055	1.55	cps
Iron	56-2	53972	52449	53078	53166	1.44	cps
Iron	57-2	1487	1497	1330	1438	6.50	cps
Krypton	83-1	170	233	200	201	15.75	cps
Lead	206-1	2680	2590	2450	2574	4.50	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2420	2240	2364	2341	3.93	cps
Lead	208-1	10879	10642	10589	10703	1.44	cps
Lithium	6-1	2876597	2941671	2908440	2908903	1.12	cps
Magnesium	24-2	33632	33315	33539	33495	0.49	cps
Manganese	55-2	830	853	887	857	3.32	cps
Molybdenum	94-1	2637	2694	2507	2612	3.66	cps
Molybdenum	95-1	1480	1523	1453	1486	2.38	cps
Molybdenum	96-1	2180	1947	2014	2047	5.87	cps
Molybdenum	97-1	927	943	900	923	2.37	cps
Molybdenum	98-1	2590	2390	2504	2495	4.02	cps
Neodymium	150-1	13	17	17	16	12.40	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	470	537	543	517	7.85	cps
Phosphorus	31-2	227	267	310	268	15.57	cps
Potassium	39-2	23048	22301	23312	22887	2.29	cps
Rhodium	103-1	8248153	8378948	8297909	8308337	0.79	cps
Rhodium	103-2	3657141	3581599	3590105	3609615	1.15	cps
Scandium	45-1	5544413	5624200	5625323	5597978	0.83	cps
Scandium	45-2	199176	195174	194658	196336	1.26	cps
Selenium	82-1	373	327	257	319	18.41	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	27	50	20	32	48.88	cps
Silicon	28-1	216532	216220	216355	216369	0.07	cps
Silver	107-1	3761	3781	3797	3779	0.49	cps
Silver	109-1	3464	3687	3340	3497	5.03	cps
Sodium	23-2	75786	74589	75132	75169	0.80	cps
Strontium	86-1	1250	1237	1147	1211	4.64	cps
Strontium	88-1	8212	8383	8403	8333	1.25	cps
Sulfur	34-1	352092	350774	351897	351588	0.20	cps
Terbium	159-1	11502729	11237071	11478921	11406240	1.29	cps
Terbium	159-2	4442576	4322227	4408926	4391243	1.41	cps
Thallium	203-1	3084	3157	3167	3136	1.45	cps
Thallium	205-1	7589	7682	7619	7630	0.62	cps
Tin	118-1	3080	2817	2804	2900	5.38	cps
Titanium	47-1	520	587	500	536	8.47	cps
Uranium	238-1	10504	10201	10241	10315	1.60	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:53:38	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	623	600	620	614	2.05	cps
Ytterbium	172-1	93	73	80	82	12.39	cps
Ytterbium	172-2	47	30	37	38	22.21	cps
Ytterbium	176-1	1510	1363	1557	1477	6.83	cps
Ytterbium	176-2	15216	15429	15472	15372	0.89	cps
Yttrium	89-1	13176330	13205144	13097515	13159663	0.42	cps
Yttrium	89-2	1411756	1404158	1408171	1408028	0.27	cps
Zinc	66-2	943	930	817	897	7.76	cps
Zirconium	90-1	5368	5368	4944	5227	4.68	cps
Zirconium	91-1	1143	1030	1063	1079	5.40	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2567487	2525400	2612546	2568478	1.70	cps
Antimony	121-1	3035537	2926197	2993795	2985176	1.85	cps
Arsenic	75-2	72894	73883	74117	73632	0.88	cps
Barium	135-1	3503146	3522543	3577668	3534453	1.09	cps
Barium	137-1	6106146	6036712	6177818	6106892	1.16	cps
Beryllium	9-1	787376	767721	756799	770632	2.01	cps
Bismuth	209-1	6996541	6917854	6838132	6917509	1.14	cps
Bismuth	209-2	2967154	2903980	2905104	2925413	1.24	cps
Bromine	81-1	2907	3000	2814	2907	3.21	cps
Cadmium	108-1	63362	62437	62176	62658	0.99	cps
Cadmium	106-1	88324	87271	85678	87091	1.53	cps
Cadmium	111-1	722162	722679	717252	720698	0.42	cps
Calcium	43-1	4848817	4633970	4590375	4691054	2.95	cps
Calcium	44-1	75179204	73883234	73925606	74329348	0.99	cps
Carbon	12-1	2586735	2628445	2643799	2619660	1.13	cps
Carbon	12-2	38477	38343	40041	38954	2.42	cps
Chlorine	35-1	183840	171654	170022	175172	4.31	cps
Chlorine	35-2	1267	1237	1173	1226	3.89	cps
Chromium	52-2	869912	870161	872360	870811	0.15	cps
Cobalt	59-2	1549858	1542984	1525029	1539291	0.83	cps
Copper	63-2	11403362	11695932	11679060	11592785	1.42	cps
Dysprosium	156-1	863	793	767	808	6.18	cps
Dysprosium	156-2	387	310	340	346	11.18	cps
Erbium	164-1	240	200	263	234	13.66	cps
Erbium	164-2	90	97	110	99	10.30	cps
Gadolinium	160-1	890	733	870	831	10.26	cps
Gadolinium	160-2	523	573	533	543	4.87	cps
Holmium	165-1	10832189	10672183	10424315	10642895	1.93	cps
Holmium	165-2	4181991	4147153	4088007	4139050	1.15	cps
Indium	115-1	7460258	7252862	7154917	7289346	2.14	cps
Indium	115-2	1022562	1017718	1020706	1020329	0.24	cps
Iron	54-2	9660360	9513517	9655384	9609753	0.87	cps
Iron	56-2	170507184	174678971	172926331	172704162	1.21	cps
Iron	57-2	4420334	4352488	4387521	4386781	0.77	cps
Krypton	83-1	203	190	190	194	3.96	cps
Lead	206-1	14421561	14196780	14182262	14266868	0.94	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12643243	12252401	12452752	12449465	1.57	cps
Lead	208-1	58154478	56984334	57452593	57530468	1.02	cps
Lithium	6-1	2644411	2431078	2404421	2493304	5.28	cps
Magnesium	24-2	36440335	36004730	35809464	36084843	0.90	cps
Manganese	55-2	4264638	4341120	4319317	4308358	0.91	cps
Molybdenum	94-1	11179888	11012812	11128757	11107152	0.77	cps
Molybdenum	95-1	16099014	16041072	15973626	16037904	0.39	cps
Molybdenum	96-1	17495061	17706865	17352329	17518085	1.02	cps
Molybdenum	97-1	10083968	9834630	9844950	9921183	1.42	cps
Molybdenum	98-1	25857510	25328133	25648480	25611374	1.04	cps
Neodymium	150-1	373	337	343	351	5.56	cps
Neodymium	150-2	47	67	23	46	47.61	cps
Nickel	60-2	406351	404511	403012	404625	0.41	cps
Phosphorus	31-2	23653	23693	24371	23905	1.69	cps
Potassium	39-2	10986051	11267658	11134362	11129357	1.27	cps
Rhodium	103-1	7061876	6848374	6776668	6895639	2.15	cps
Rhodium	103-2	2971329	2945740	2915862	2944310	0.94	cps
Scandium	45-1	5048426	4838102	4788643	4891724	2.82	cps
Scandium	45-2	169556	168863	170399	169606	0.45	cps
Selenium	82-1	52134	50977	50294	51135	1.82	cps
Selenium	77-2	1543	1590	1657	1597	3.57	cps
Selenium	78-2	5351	5024	5171	5182	3.16	cps
Silicon	28-1	23748208	22918245	23057139	23241197	1.91	cps
Silver	107-1	3960048	3895783	3989037	3948289	1.21	cps
Silver	109-1	3775282	3802795	3728886	3768988	0.99	cps
Sodium	23-2	64469097	63298554	63045764	63604472	1.19	cps
Strontium	86-1	23689401	23119125	23508195	23438907	1.24	cps
Strontium	88-1	205253924	201983817	204053477	203763739	0.81	cps
Sulfur	34-1	644608	622912	609960	625827	2.80	cps
Terbium	159-1	10785536	10515580	10441708	10580941	1.71	cps
Terbium	159-2	3958515	4013936	4031673	4001375	0.95	cps
Thallium	203-1	3547449	3392743	3385726	3441973	2.66	cps
Thallium	205-1	8281692	8173996	8119467	8191718	1.01	cps
Tin	118-1	2511271	2473622	2438774	2474556	1.47	cps
Titanium	47-1	4295163	4288406	4224456	4269342	0.91	cps
Uranium	238-1	12413536	12602706	12598736	12538326	0.86	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 15:57:05	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	679319	678785	672031	676712	0.60	cps
Ytterbium	172-1	243	227	217	229	5.89	cps
Ytterbium	172-2	67	90	113	90	25.93	cps
Ytterbium	176-1	16651	15970	16003	16208	2.37	cps
Ytterbium	176-2	19555	19438	19645	19546	0.53	cps
Yttrium	89-1	11863414	11675803	11547220	11695479	1.36	cps
Yttrium	89-2	1226515	1214041	1206917	1215824	0.82	cps
Zinc	66-2	1405567	1404890	1408811	1406423	0.15	cps
Zirconium	90-1	5231791	5256604	5225536	5237977	0.31	cps
Zirconium	91-1	1215571	1188424	1193716	1199237	1.20	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	113	137	120	12.11	cps
Antimony	121-1	200	283	430	304	38.25	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	67	77	53	66	17.86	cps
Barium	137-1	60	90	43	64	36.70	cps
Beryllium	9-1	54	64	44	54	18.61	cps
Bismuth	209-1	7501065	7416515	7489436	7469006	0.61	cps
Bismuth	209-2	3333669	3322453	3309502	3321875	0.36	cps
Bromine	81-1	2510	2707	2554	2590	3.99	cps
Cadmium	108-1	10	7	7	8	24.71	cps
Cadmium	106-1	3240	3200	3180	3207	0.95	cps
Cadmium	111-1	334	332	330	332	0.55	cps
Calcium	43-1	210	167	217	198	13.73	cps
Calcium	44-1	26802	26541	27149	26831	1.14	cps
Carbon	12-1	2099627	2084992	2167404	2117341	2.08	cps
Carbon	12-2	28220	27319	27215	27585	2.00	cps
Chlorine	35-1	157389	152635	150381	153468	2.33	cps
Chlorine	35-2	1020	1010	997	1009	1.16	cps
Chromium	52-2	937	1027	927	963	5.72	cps
Cobalt	59-2	90	73	87	83	10.59	cps
Copper	63-2	883	760	963	869	11.79	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	40	73	60	29.40	cps
Erbium	164-2	10	23	27	20	44.10	cps
Gadolinium	160-1	63	63	90	72	21.32	cps
Gadolinium	160-2	167	183	197	182	8.25	cps
Holmium	165-1	10727043	10883889	11074731	10895221	1.60	cps
Holmium	165-2	4259424	4365525	4244222	4289723	1.54	cps
Indium	115-1	7803122	7964424	7908793	7892113	1.04	cps
Indium	115-2	1139779	1133451	1140876	1138035	0.35	cps
Iron	54-2	333	297	330	320	6.34	cps
Iron	56-2	2724	2134	3097	2651	18.32	cps
Iron	57-2	137	147	177	153	13.58	cps
Krypton	83-1	153	150	167	157	5.63	cps
Lead	206-1	440	400	400	413	5.59	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	330	387	450	389	15.44	cps
Lead	208-1	1727	1700	1693	1707	1.03	cps
Lithium	6-1	2707409	2530801	2609209	2615806	3.38	cps
Magnesium	24-2	320	173	340	278	32.76	cps
Manganese	55-2	57	60	77	64	16.63	cps
Molybdenum	94-1	273	237	323	278	15.66	cps
Molybdenum	95-1	163	143	150	152	6.69	cps
Molybdenum	96-1	330	307	273	303	9.39	cps
Molybdenum	97-1	80	160	63	101	51.11	cps
Molybdenum	98-1	280	263	237	260	8.41	cps
Neodymium	150-1	13	10	27	17	52.93	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	77	60	68	12.38	cps
Phosphorus	31-2	217	220	217	218	0.88	cps
Potassium	39-2	9843	9720	9830	9798	0.69	cps
Rhodium	103-1	7696750	7715051	7942056	7784619	1.76	cps
Rhodium	103-2	3431792	3341303	3367802	3380299	1.38	cps
Scandium	45-1	5034672	5137378	5154781	5108944	1.27	cps
Scandium	45-2	182218	181904	181472	181865	0.21	cps
Selenium	82-1	53	40	7	33	72.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	17	10	12	31.50	cps
Silicon	28-1	194952	197230	196391	196191	0.59	cps
Silver	107-1	110	97	77	94	17.76	cps
Silver	109-1	73	40	33	49	43.84	cps
Sodium	23-2	22568	22030	22955	22517	2.06	cps
Strontium	86-1	453	423	423	433	4.00	cps
Strontium	88-1	1227	1320	1083	1210	9.86	cps
Sulfur	34-1	318130	321584	322038	320584	0.67	cps
Terbium	159-1	10775853	10952826	11032663	10920447	1.20	cps
Terbium	159-2	4231568	4269470	4228831	4243290	0.54	cps
Thallium	203-1	263	257	277	266	3.83	cps
Thallium	205-1	733	707	703	714	2.30	cps
Tin	118-1	903	853	923	893	4.04	cps
Titanium	47-1	97	110	107	104	6.64	cps
Uranium	238-1	50	30	33	38	28.37	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:06:07	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	80	63	100	81	22.64	cps
Ytterbium	172-2	27	17	20	21	24.12	cps
Ytterbium	176-1	1227	1243	1243	1238	0.78	cps
Ytterbium	176-2	14304	14568	14188	14353	1.36	cps
Yttrium	89-1	12228439	12274326	12363682	12288816	0.56	cps
Yttrium	89-2	1327075	1316177	1315015	1319422	0.50	cps
Zinc	66-2	543	630	587	587	7.39	cps
Zirconium	90-1	467	593	673	578	18.04	cps
Zirconium	91-1	83	97	137	106	26.30	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597	550	647	598	8.09	cps
Antimony	121-1	2657	2700	2770	2709	2.11	cps
Arsenic	75-2	67	50	110	76	40.99	cps
Barium	135-1	2954	3004	2897	2951	1.81	cps
Barium	137-1	5471	5408	5344	5408	1.17	cps
Beryllium	9-1	792	741	727	754	4.55	cps
Bismuth	209-1	7610378	7187511	7177074	7324988	3.37	cps
Bismuth	209-2	3323971	3408710	3070009	3267563	5.39	cps
Bromine	81-1	2840	2940	2707	2829	4.14	cps
Cadmium	108-1	50	63	60	58	12.01	cps
Cadmium	106-1	3407	3220	3230	3286	3.20	cps
Cadmium	111-1	986	964	954	968	1.65	cps
Calcium	43-1	4181	4101	3814	4032	4.78	cps
Calcium	44-1	92233	89452	90965	90884	1.53	cps
Carbon	12-1	2113652	2092706	2073627	2093328	0.96	cps
Carbon	12-2	27860	26835	26814	27170	2.20	cps
Chlorine	35-1	132794	123031	120899	125575	5.05	cps
Chlorine	35-2	907	877	837	873	4.02	cps
Chromium	52-2	1697	1683	1647	1676	1.55	cps
Cobalt	59-2	1413	1667	1413	1498	9.77	cps
Copper	63-2	3047	2940	3097	3028	2.64	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	80	63	76	14.18	cps
Erbium	164-2	27	17	47	30	50.91	cps
Gadolinium	160-1	90	97	87	91	5.59	cps
Gadolinium	160-2	187	190	190	189	1.02	cps
Holmium	165-1	11247226	10550361	10502150	10766579	3.87	cps
Holmium	165-2	4458917	4407086	3970583	4278862	6.27	cps
Indium	115-1	8243534	7670505	7906065	7940035	3.63	cps
Indium	115-2	1157775	1145863	1067263	1123633	4.38	cps
Iron	54-2	3120	3087	2834	3014	5.20	cps
Iron	56-2	50881	51188	51128	51066	0.32	cps
Iron	57-2	1403	1407	1327	1379	3.28	cps
Krypton	83-1	207	170	187	188	9.78	cps
Lead	206-1	2567	2430	2634	2544	4.08	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2284	2257	2147	2229	3.25	cps
Lead	208-1	10715	10118	10112	10315	3.36	cps
Lithium	6-1	2763906	2570532	2697841	2677426	3.67	cps
Magnesium	24-2	31835	31992	31183	31670	1.35	cps
Manganese	55-2	860	907	793	853	6.67	cps
Molybdenum	94-1	2357	2434	2640	2477	5.92	cps
Molybdenum	95-1	1387	1277	1477	1380	7.26	cps
Molybdenum	96-1	1927	1900	1917	1915	0.70	cps
Molybdenum	97-1	763	793	843	800	5.05	cps
Molybdenum	98-1	2247	2367	2404	2339	3.50	cps
Neodymium	150-1	20	3	3	9	108.30	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	447	410	453	437	5.34	cps
Phosphorus	31-2	247	230	267	248	7.41	cps
Potassium	39-2	21990	22167	21837	21998	0.75	cps
Rhodium	103-1	7870732	7467433	7626991	7655052	2.65	cps
Rhodium	103-2	3417703	3404908	3184898	3335836	3.92	cps
Scandium	45-1	5405202	5003403	5105337	5171314	4.04	cps
Scandium	45-2	183592	185293	172959	180615	3.70	cps
Selenium	82-1	263	320	300	294	9.76	cps
Selenium	77-2	20	13	20	18	21.66	cps
Selenium	78-2	63	47	30	47	35.71	cps
Silicon	28-1	204656	202813	205116	204195	0.60	cps
Silver	107-1	3394	3480	3364	3413	1.78	cps
Silver	109-1	3290	3040	3337	3223	4.95	cps
Sodium	23-2	74897	75005	73802	74568	0.89	cps
Strontium	86-1	1260	1217	1227	1235	1.84	cps
Strontium	88-1	8032	7682	8700	8138	6.35	cps
Sulfur	34-1	334776	337978	331488	334747	0.97	cps
Terbium	159-1	11186318	10613894	10822254	10874155	2.66	cps
Terbium	159-2	4153172	4278211	3914992	4115458	4.48	cps
Thallium	203-1	3180	2697	3034	2970	8.34	cps
Thallium	205-1	7612	7122	7632	7456	3.88	cps
Tin	118-1	2684	2640	2710	2678	1.32	cps
Titanium	47-1	497	540	460	499	8.03	cps
Uranium	238-1	10051	9367	9737	9718	3.52	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:24:11	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	610	680	620	637	5.95	cps
Ytterbium	172-1	80	77	93	83	10.58	cps
Ytterbium	172-2	23	47	47	39	34.65	cps
Ytterbium	176-1	1320	1107	1170	1199	9.14	cps
Ytterbium	176-2	14965	14969	13928	14620	4.10	cps
Yttrium	89-1	12791091	12192486	12442398	12475325	2.41	cps
Yttrium	89-2	1346383	1316214	1247864	1303487	3.87	cps
Zinc	66-2	793	787	773	784	1.30	cps
Zirconium	90-1	4694	4661	4434	4596	3.08	cps
Zirconium	91-1	1213	1033	963	1070	12.05	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157660BL Instrumnet Name : P8
 Client Sample ID : PB157660BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:31:14 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	87	83	94	17.41	cps
Antimony	121-1	57	50	60	56	9.17	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	50	37	57	48	21.31	cps
Barium	137-1	43	60	47	50	17.64	cps
Beryllium	9-1	59	45	46	50	15.21	cps
Bismuth	209-1	7548949	7422789	7387726	7453155	1.14	cps
Bismuth	209-2	3369603	3435596	3429978	3411726	1.07	cps
Bromine	81-1	2887	3187	3054	3043	4.94	cps
Cadmium	108-1	10	13	13	12	15.73	cps
Cadmium	106-1	3484	3277	3314	3358	3.28	cps
Cadmium	111-1	348	322	325	332	4.30	cps
Calcium	43-1	213	253	147	204	26.36	cps
Calcium	44-1	28485	28338	27270	28031	2.37	cps
Carbon	12-1	1911222	1899873	1894810	1901968	0.44	cps
Carbon	12-2	24901	23656	24537	24365	2.63	cps
Chlorine	35-1	107971	98774	95693	100813	6.34	cps
Chlorine	35-2	807	613	723	714	13.57	cps
Chromium	52-2	877	943	970	930	5.17	cps
Cobalt	59-2	97	83	127	102	21.71	cps
Copper	63-2	923	707	637	756	19.78	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	73	80	63	72	11.62	cps
Erbium	164-2	40	20	23	28	38.58	cps
Gadolinium	160-1	133	80	103	106	25.33	cps
Gadolinium	160-2	143	160	160	154	6.23	cps
Holmium	165-1	11146175	11219456	10922219	11095950	1.40	cps
Holmium	165-2	4422934	4427238	4454484	4434885	0.39	cps
Indium	115-1	8452552	8191886	8007633	8217357	2.72	cps
Indium	115-2	1179760	1178816	1188623	1182400	0.46	cps
Iron	54-2	300	330	283	304	7.77	cps
Iron	56-2	2084	2067	2104	2085	0.88	cps
Iron	57-2	113	120	110	114	4.45	cps
Krypton	83-1	167	230	173	190	18.31	cps
Lead	206-1	217	213	210	213	1.56	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P8
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:31:14	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	203	247	250	233	11.16	cps
Lead	208-1	987	967	967	973	1.19	cps
Lithium	6-1	2735224	2813913	2705864	2751667	2.03	cps
Magnesium	24-2	90	120	157	122	27.32	cps
Manganese	55-2	33	20	47	33	40.01	cps
Molybdenum	94-1	173	180	160	171	5.95	cps
Molybdenum	95-1	50	60	57	56	9.17	cps
Molybdenum	96-1	207	190	160	186	12.75	cps
Molybdenum	97-1	27	20	20	22	17.33	cps
Molybdenum	98-1	107	123	70	100	27.29	cps
Neodymium	150-1	17	17	10	14	26.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	57	63	77	66	15.54	cps
Phosphorus	31-2	243	203	230	226	9.03	cps
Potassium	39-2	9223	9573	9867	9554	3.37	cps
Rhodium	103-1	8141793	7951631	8139204	8077543	1.35	cps
Rhodium	103-2	3513495	3442592	3580024	3512037	1.96	cps
Scandium	45-1	5424346	5455545	5421890	5433927	0.35	cps
Scandium	45-2	188335	190651	190013	189666	0.63	cps
Selenium	82-1	-7	-13	20	0	0.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	7	13	8	65.47	cps
Silicon	28-1	202892	202782	199195	201623	1.04	cps
Silver	107-1	93	93	83	90	6.42	cps
Silver	109-1	40	20	37	32	33.25	cps
Sodium	23-2	18395	18398	18625	18473	0.71	cps
Strontium	86-1	433	360	433	409	10.35	cps
Strontium	88-1	767	653	720	713	7.99	cps
Sulfur	34-1	337400	338650	336170	337406	0.37	cps
Terbium	159-1	11316998	11128058	11079680	11174912	1.12	cps
Terbium	159-2	4283394	4360804	4318687	4320962	0.90	cps
Thallium	203-1	210	193	257	220	14.92	cps
Thallium	205-1	530	510	473	504	5.70	cps
Tin	118-1	590	600	453	548	14.96	cps
Titanium	47-1	113	67	103	94	26.01	cps
Uranium	238-1	23	7	7	12	78.69	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P8
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:31:14	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	7	10	33.30	cps
Ytterbium	172-1	97	70	90	86	16.22	cps
Ytterbium	172-2	23	13	53	30	69.40	cps
Ytterbium	176-1	1277	1250	1197	1241	3.28	cps
Ytterbium	176-2	14969	15025	15830	15275	3.15	cps
Yttrium	89-1	13442590	13056283	12885234	13128036	2.17	cps
Yttrium	89-2	1381430	1376456	1380518	1379468	0.19	cps
Zinc	66-2	597	497	567	553	9.27	cps
Zirconium	90-1	490	530	563	528	6.96	cps
Zirconium	91-1	130	150	107	129	16.83	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2757	2224	2314	2431	11.75	cps
Antimony	121-1	23828	23687	23236	23584	1.31	cps
Arsenic	75-2	350	333	280	321	11.39	cps
Barium	135-1	26686	28426	27845	27653	3.20	cps
Barium	137-1	47975	48329	48921	48408	0.99	cps
Beryllium	9-1	3334	3131	3067	3177	4.38	cps
Bismuth	209-1	7846751	7634262	7465885	7648966	2.50	cps
Bismuth	209-2	3433546	3441648	3375595	3416930	1.05	cps
Bromine	81-1	2950	3127	3107	3061	3.16	cps
Cadmium	108-1	340	290	227	286	19.89	cps
Cadmium	106-1	4004	4074	3581	3886	6.87	cps
Cadmium	111-1	3419	3318	3360	3366	1.51	cps
Calcium	43-1	18122	17824	17961	17969	0.83	cps
Calcium	44-1	312434	315928	316512	314958	0.70	cps
Carbon	12-1	1983170	1996294	1964247	1981237	0.81	cps
Carbon	12-2	24647	25622	25262	25177	1.96	cps
Chlorine	35-1	123549	111166	109809	114841	6.59	cps
Chlorine	35-2	883	780	770	811	7.74	cps
Chromium	52-2	8042	8122	8276	8147	1.46	cps
Cobalt	59-2	6748	6768	6672	6729	0.76	cps
Copper	63-2	13350	11732	11368	12150	8.68	cps
Dysprosium	156-1	13	10	13	12	15.73	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	63	87	77	76	15.50	cps
Erbium	164-2	33	23	23	27	21.65	cps
Gadolinium	160-1	113	93	107	104	9.75	cps
Gadolinium	160-2	193	207	147	182	17.29	cps
Holmium	165-1	11327999	11353693	10911328	11197674	2.22	cps
Holmium	165-2	4487437	4340219	4342823	4390160	1.92	cps
Indium	115-1	8331146	8292709	8107408	8243754	1.45	cps
Indium	115-2	1198540	1188754	1179468	1188921	0.80	cps
Iron	54-2	34622	33509	33299	33810	2.10	cps
Iron	56-2	630814	596439	595965	607739	3.29	cps
Iron	57-2	15378	14831	14754	14988	2.27	cps
Krypton	83-1	220	213	183	206	9.50	cps
Lead	206-1	11115	11335	11045	11165	1.36	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9554	10101	9680	9778	2.93	cps
Lead	208-1	44684	45819	44137	44880	1.91	cps
Lithium	6-1	2909338	2766503	2718218	2798020	3.55	cps
Magnesium	24-2	156667	154456	151631	154251	1.64	cps
Manganese	55-2	2590	1907	1960	2152	17.66	cps
Molybdenum	94-1	24973	25624	25480	25359	1.35	cps
Molybdenum	95-1	29869	31369	30443	30560	2.48	cps
Molybdenum	96-1	34135	34279	34637	34350	0.75	cps
Molybdenum	97-1	19330	18850	19003	19061	1.29	cps
Molybdenum	98-1	49147	50471	47839	49152	2.68	cps
Neodymium	150-1	17	7	7	10	57.72	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1880	1883	1860	1875	0.67	cps
Phosphorus	31-2	250	197	237	228	12.19	cps
Potassium	39-2	105452	103696	102484	103877	1.44	cps
Rhodium	103-1	8408544	8230756	7938023	8192441	2.90	cps
Rhodium	103-2	3491635	3495170	3494733	3493846	0.06	cps
Scandium	45-1	5495825	5499417	5494926	5496723	0.04	cps
Scandium	45-2	193156	194271	190113	192514	1.12	cps
Selenium	82-1	1137	1173	1097	1136	3.38	cps
Selenium	77-2	43	37	27	36	23.58	cps
Selenium	78-2	133	120	130	128	5.43	cps
Silicon	28-1	290645	291521	289774	290647	0.30	cps
Silver	107-1	15135	15299	15843	15425	2.40	cps
Silver	109-1	14588	14805	14885	14759	1.04	cps
Sodium	23-2	293437	288310	281583	287777	2.07	cps
Strontium	86-1	3884	4097	4217	4066	4.15	cps
Strontium	88-1	32772	33490	33367	33210	1.16	cps
Sulfur	34-1	340521	342373	340816	341237	0.29	cps
Terbium	159-1	11578233	11260588	11190687	11343169	1.82	cps
Terbium	159-2	4254379	4323413	4304873	4294221	0.83	cps
Thallium	203-1	13050	13374	12923	13116	1.77	cps
Thallium	205-1	32160	32036	31271	31822	1.51	cps
Tin	118-1	647	643	577	622	6.35	cps
Titanium	47-1	8686	9140	9213	9013	3.17	cps
Uranium	238-1	44793	45893	44769	45151	1.42	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P8
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:34:38	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13970	14154	14497	14207	1.88	cps
Ytterbium	172-1	67	47	70	61	20.65	cps
Ytterbium	172-2	23	53	63	47	44.61	cps
Ytterbium	176-1	1423	1503	1340	1422	5.74	cps
Ytterbium	176-2	14858	15713	15446	15339	2.85	cps
Yttrium	89-1	13442623	13200079	12871122	13171275	2.18	cps
Yttrium	89-2	1377408	1398634	1374509	1383517	0.95	cps
Zinc	66-2	3914	3517	3754	3728	5.35	cps
Zirconium	90-1	21386	21143	21133	21221	0.68	cps
Zirconium	91-1	4871	4884	4771	4842	1.28	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157661BL Instrumnet Name : P8
 Client Sample ID : PB157661BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:38:08 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	123	110	110	12.12	cps
Antimony	121-1	57	50	80	62	25.32	cps
Arsenic	75-2	0	0	7	2	173.21	cps
Barium	135-1	37	60	63	53	27.24	cps
Barium	137-1	107	70	47	74	40.63	cps
Beryllium	9-1	51	46	34	44	20.59	cps
Bismuth	209-1	7481892	7654432	7643252	7593192	1.27	cps
Bismuth	209-2	3381094	3443816	3398894	3407935	0.95	cps
Bromine	81-1	3164	3134	3134	3144	0.55	cps
Cadmium	108-1	13	23	7	14	58.06	cps
Cadmium	106-1	3657	3574	3624	3618	1.16	cps
Cadmium	111-1	370	341	361	357	4.12	cps
Calcium	43-1	200	203	233	212	8.65	cps
Calcium	44-1	28612	28124	27456	28064	2.07	cps
Carbon	12-1	1947885	1907497	1899584	1918322	1.35	cps
Carbon	12-2	24394	24778	24347	24506	0.96	cps
Chlorine	35-1	109105	96435	94301	99947	8.01	cps
Chlorine	35-2	757	690	667	704	6.63	cps
Chromium	52-2	967	993	997	986	1.67	cps
Cobalt	59-2	123	100	113	112	10.43	cps
Copper	63-2	730	793	690	738	7.06	cps
Dysprosium	156-1	20	7	13	13	49.99	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	73	80	68	23.24	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	113	80	73	89	24.11	cps
Gadolinium	160-2	173	193	227	198	13.62	cps
Holmium	165-1	11285776	11402842	11249852	11312823	0.71	cps
Holmium	165-2	4485331	4408545	4536997	4476958	1.44	cps
Indium	115-1	8287949	8325993	8246491	8286811	0.48	cps
Indium	115-2	1189333	1189398	1194788	1191173	0.26	cps
Iron	54-2	347	293	333	324	8.56	cps
Iron	56-2	2420	1963	1910	2098	13.37	cps
Iron	57-2	127	107	117	117	8.57	cps
Krypton	83-1	193	220	243	219	11.43	cps
Lead	206-1	230	250	230	237	4.88	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P8
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:38:08	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	193	173	170	179	7.06	cps
Lead	208-1	853	847	867	856	1.19	cps
Lithium	6-1	2813475	2810522	2769081	2797693	0.89	cps
Magnesium	24-2	677	143	173	331	90.52	cps
Manganese	55-2	43	43	30	39	19.79	cps
Molybdenum	94-1	183	167	213	188	12.59	cps
Molybdenum	95-1	37	73	43	51	38.21	cps
Molybdenum	96-1	177	153	217	182	17.58	cps
Molybdenum	97-1	40	27	20	29	35.25	cps
Molybdenum	98-1	133	137	93	121	19.91	cps
Neodymium	150-1	13	17	13	14	13.35	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	77	60	53	63	18.98	cps
Phosphorus	31-2	240	237	193	223	11.66	cps
Potassium	39-2	10394	9690	9920	10001	3.59	cps
Rhodium	103-1	8011919	8052361	8100448	8054909	0.55	cps
Rhodium	103-2	3490042	3538770	3438181	3488997	1.44	cps
Scandium	45-1	5542869	5516638	5426058	5495188	1.12	cps
Scandium	45-2	193143	191483	191508	192045	0.50	cps
Selenium	82-1	37	-3	-60	-9	-546.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	13	11	34.61	cps
Silicon	28-1	203832	204129	202057	203339	0.55	cps
Silver	107-1	87	67	107	87	23.08	cps
Silver	109-1	37	37	43	39	9.89	cps
Sodium	23-2	19307	18852	18258	18806	2.80	cps
Strontium	86-1	427	407	413	416	2.45	cps
Strontium	88-1	730	707	673	703	4.05	cps
Sulfur	34-1	341860	344350	344739	343650	0.45	cps
Terbium	159-1	11184722	11242474	11399846	11275680	0.99	cps
Terbium	159-2	4404236	4382192	4317190	4367873	1.04	cps
Thallium	203-1	140	197	220	186	22.17	cps
Thallium	205-1	433	470	527	477	9.86	cps
Tin	118-1	1255	630	517	801	49.67	cps
Titanium	47-1	100	103	107	103	3.23	cps
Uranium	238-1	23	10	7	13	66.12	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P8
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:38:08	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	20	7	16	49.47	cps
Ytterbium	172-1	77	87	87	83	6.93	cps
Ytterbium	172-2	33	40	20	31	32.73	cps
Ytterbium	176-1	1453	1500	1420	1458	2.76	cps
Ytterbium	176-2	15426	15786	15349	15520	1.50	cps
Yttrium	89-1	12973719	12990248	12862438	12942135	0.54	cps
Yttrium	89-2	1383543	1382937	1389487	1385322	0.26	cps
Zinc	66-2	580	597	607	594	2.27	cps
Zirconium	90-1	610	490	550	550	10.91	cps
Zirconium	91-1	90	133	120	114	19.40	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2124	2044	2137	2101	2.40	cps
Antimony	121-1	23614	23627	23020	23420	1.48	cps
Arsenic	75-2	300	303	320	308	3.48	cps
Barium	135-1	26780	26967	26479	26742	0.92	cps
Barium	137-1	47386	46172	46480	46679	1.35	cps
Beryllium	9-1	3304	3227	3246	3259	1.22	cps
Bismuth	209-1	7509450	7440281	7474778	7474836	0.46	cps
Bismuth	209-2	3338794	3342893	3320186	3333958	0.36	cps
Bromine	81-1	2907	3050	3077	3011	3.04	cps
Cadmium	108-1	273	263	213	250	12.86	cps
Cadmium	106-1	4224	4014	3874	4037	4.36	cps
Cadmium	111-1	3335	3151	3242	3242	2.84	cps
Calcium	43-1	17835	16913	16777	17175	3.35	cps
Calcium	44-1	310639	303006	297526	303723	2.17	cps
Carbon	12-1	1926229	1980469	1942335	1949678	1.43	cps
Carbon	12-2	25472	25666	25335	25491	0.65	cps
Chlorine	35-1	119846	109866	108510	112741	5.49	cps
Chlorine	35-2	853	807	707	789	9.50	cps
Chromium	52-2	7999	8096	7715	7937	2.49	cps
Cobalt	59-2	6475	6415	6432	6440	0.48	cps
Copper	63-2	10994	10818	10824	10879	0.92	cps
Dysprosium	156-1	7	13	7	9	43.25	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	80	100	82	20.40	cps
Erbium	164-2	37	23	30	30	22.23	cps
Gadolinium	160-1	77	93	87	86	9.80	cps
Gadolinium	160-2	193	143	127	154	22.46	cps
Holmium	165-1	11249080	11087973	10755473	11030842	2.28	cps
Holmium	165-2	4283548	4467100	4296570	4349073	2.36	cps
Indium	115-1	8296566	8121210	8055635	8157804	1.53	cps
Indium	115-2	1176106	1181989	1169411	1175835	0.54	cps
Iron	54-2	31815	32270	31832	31972	0.81	cps
Iron	56-2	574129	581382	568203	574571	1.15	cps
Iron	57-2	14204	14714	14200	14373	2.06	cps
Krypton	83-1	177	167	203	182	10.40	cps
Lead	206-1	10928	10391	10951	10757	2.95	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9827	9427	9397	9550	2.52	cps
Lead	208-1	44277	42862	43426	43521	1.64	cps
Lithium	6-1	2743967	2746701	2720221	2736963	0.53	cps
Magnesium	24-2	145963	146869	144960	145931	0.65	cps
Manganese	55-2	1737	2057	1853	1882	8.60	cps
Molybdenum	94-1	25724	25196	24438	25119	2.57	cps
Molybdenum	95-1	30443	29752	29685	29960	1.40	cps
Molybdenum	96-1	33978	33293	32605	33292	2.06	cps
Molybdenum	97-1	19133	18486	18072	18564	2.88	cps
Molybdenum	98-1	48668	47444	47361	47824	1.53	cps
Neodymium	150-1	10	23	23	19	40.75	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1660	1683	1783	1709	3.83	cps
Phosphorus	31-2	203	190	237	210	11.45	cps
Potassium	39-2	100732	99990	99003	99909	0.87	cps
Rhodium	103-1	8216175	8054933	7957749	8076286	1.62	cps
Rhodium	103-2	3489989	3533046	3458817	3493951	1.07	cps
Scandium	45-1	5429146	5313977	5246035	5329719	1.74	cps
Scandium	45-2	189136	189652	188225	189004	0.38	cps
Selenium	82-1	1020	1030	1023	1025	0.50	cps
Selenium	77-2	43	37	20	33	36.05	cps
Selenium	78-2	107	127	110	114	9.36	cps
Silicon	28-1	288830	288700	284489	287340	0.86	cps
Silver	107-1	14998	15195	14518	14904	2.34	cps
Silver	109-1	14151	14041	14154	14115	0.46	cps
Sodium	23-2	277153	274791	271378	274441	1.06	cps
Strontium	86-1	4164	3987	3857	4003	3.85	cps
Strontium	88-1	32963	32364	31492	32273	2.29	cps
Sulfur	34-1	346002	344869	343712	344861	0.33	cps
Terbium	159-1	11310326	11105483	10798882	11071563	2.32	cps
Terbium	159-2	4329855	4370421	4236805	4312360	1.59	cps
Thallium	203-1	12703	12309	12666	12560	1.73	cps
Thallium	205-1	31201	30974	30486	30887	1.18	cps
Tin	118-1	627	600	560	596	5.63	cps
Titanium	47-1	8920	8759	8829	8836	0.91	cps
Uranium	238-1	45488	43250	43344	44027	2.88	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P8
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:41:32	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13817	13193	13393	13468	2.37	cps
Ytterbium	172-1	117	53	70	80	41.04	cps
Ytterbium	172-2	43	33	77	51	44.40	cps
Ytterbium	176-1	1523	1323	1357	1401	7.65	cps
Ytterbium	176-2	14692	14895	15526	15038	2.89	cps
Yttrium	89-1	13101841	12789036	12740187	12877021	1.52	cps
Yttrium	89-2	1359394	1368281	1364857	1364177	0.33	cps
Zinc	66-2	3560	3380	3454	3465	2.61	cps
Zirconium	90-1	21216	20729	20899	20948	1.18	cps
Zirconium	91-1	4874	4678	4284	4612	6.52	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157662BL Instrumnet Name : P8
 Client Sample ID : PB157662BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:44:58 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	90	103	88	19.11	cps
Antimony	121-1	40	67	110	72	48.92	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	53	37	43	44	18.87	cps
Barium	137-1	60	43	43	49	19.69	cps
Beryllium	9-1	42	28	45	38	24.68	cps
Bismuth	209-1	7763334	7205062	7431428	7466608	3.76	cps
Bismuth	209-2	3259554	3260638	3350640	3290277	1.59	cps
Bromine	81-1	3017	3050	3130	3066	1.90	cps
Cadmium	108-1	7	10	10	9	21.63	cps
Cadmium	106-1	3614	3237	3387	3413	5.56	cps
Cadmium	111-1	367	320	348	345	6.81	cps
Calcium	43-1	197	157	173	176	11.44	cps
Calcium	44-1	28191	27613	27507	27770	1.33	cps
Carbon	12-1	2057909	1975480	1998045	2010478	2.12	cps
Carbon	12-2	25435	25896	25372	25568	1.12	cps
Chlorine	35-1	112766	102805	100270	105281	6.27	cps
Chlorine	35-2	710	713	860	761	11.25	cps
Chromium	52-2	943	937	940	940	0.35	cps
Cobalt	59-2	127	97	123	116	14.23	cps
Copper	63-2	657	660	657	658	0.29	cps
Dysprosium	156-1	10	10	3	8	49.52	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	70	93	67	77	18.95	cps
Erbium	164-2	27	13	37	26	45.82	cps
Gadolinium	160-1	93	60	100	84	25.38	cps
Gadolinium	160-2	97	157	180	144	29.76	cps
Holmium	165-1	11218005	10605588	10453241	10758944	3.76	cps
Holmium	165-2	4300006	4292340	4295831	4296059	0.09	cps
Indium	115-1	8258943	7971228	7811568	8013913	2.83	cps
Indium	115-2	1148486	1143000	1137438	1142975	0.48	cps
Iron	54-2	313	233	290	279	14.75	cps
Iron	56-2	1833	1933	1930	1899	2.99	cps
Iron	57-2	140	87	120	116	23.31	cps
Krypton	83-1	200	207	177	194	8.10	cps
Lead	206-1	173	137	227	179	25.30	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P8
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:44:58	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	150	187	150	162	13.05	cps
Lead	208-1	757	710	803	757	6.17	cps
Lithium	6-1	2855647	2689578	2596021	2713749	4.85	cps
Magnesium	24-2	100	127	123	117	12.46	cps
Manganese	55-2	30	30	77	46	59.15	cps
Molybdenum	94-1	197	140	190	176	17.64	cps
Molybdenum	95-1	53	53	57	54	3.54	cps
Molybdenum	96-1	190	173	177	180	4.90	cps
Molybdenum	97-1	30	27	20	26	19.92	cps
Molybdenum	98-1	150	147	97	131	22.79	cps
Neodymium	150-1	10	30	10	17	69.28	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	40	77	51	43.42	cps
Phosphorus	31-2	170	207	190	189	9.72	cps
Potassium	39-2	9793	10134	10257	10061	2.39	cps
Rhodium	103-1	7984165	8088909	7868629	7980568	1.38	cps
Rhodium	103-2	3359838	3379529	3352417	3363928	0.42	cps
Scandium	45-1	5362930	5218849	5157377	5246385	2.01	cps
Scandium	45-2	183873	186060	181346	183759	1.28	cps
Selenium	82-1	-20	27	47	18	192.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	3	13	9	57.30	cps
Silicon	28-1	202084	201726	199462	201091	0.71	cps
Silver	107-1	83	100	87	90	9.80	cps
Silver	109-1	57	20	50	42	46.26	cps
Sodium	23-2	18715	18201	17721	18213	2.73	cps
Strontium	86-1	400	380	380	387	2.99	cps
Strontium	88-1	740	623	583	649	12.55	cps
Sulfur	34-1	345275	341713	341283	342757	0.64	cps
Terbium	159-1	11281677	10757684	10604519	10881293	3.26	cps
Terbium	159-2	4220327	4128044	4145635	4164669	1.18	cps
Thallium	203-1	203	207	187	199	5.39	cps
Thallium	205-1	413	467	480	453	7.78	cps
Tin	118-1	520	577	560	552	5.27	cps
Titanium	47-1	103	97	73	91	17.29	cps
Uranium	238-1	17	17	0	11	86.60	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P8
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:44:58	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	7	7	8	24.71	cps
Ytterbium	172-1	87	53	43	61	37.14	cps
Ytterbium	172-2	30	37	20	29	29.04	cps
Ytterbium	176-1	1377	1363	1337	1359	1.50	cps
Ytterbium	176-2	14808	14558	15045	14804	1.65	cps
Yttrium	89-1	13002485	12452200	12316101	12590262	2.89	cps
Yttrium	89-2	1332996	1331354	1319977	1328109	0.53	cps
Zinc	66-2	553	637	573	588	7.40	cps
Zirconium	90-1	533	620	530	561	9.09	cps
Zirconium	91-1	107	73	117	99	22.95	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157663BL Instrumnet Name : P8
 Client Sample ID : PB157663BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:48:22 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	100	103	94	13.36	cps
Antimony	121-1	27	40	50	39	30.10	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	53	40	63	52	22.42	cps
Barium	137-1	57	63	97	72	29.67	cps
Beryllium	9-1	38	44	49	43	13.00	cps
Bismuth	209-1	7614639	7534213	7661585	7603479	0.85	cps
Bismuth	209-2	3417541	3415156	3507543	3446746	1.53	cps
Bromine	81-1	2950	3034	2940	2975	1.72	cps
Cadmium	108-1	10	37	13	20	72.66	cps
Cadmium	106-1	3784	3557	3460	3601	4.61	cps
Cadmium	111-1	391	330	350	357	8.76	cps
Calcium	43-1	183	213	250	216	15.49	cps
Calcium	44-1	27166	27209	27166	27180	0.09	cps
Carbon	12-1	2016810	2021692	2029910	2022804	0.33	cps
Carbon	12-2	25940	26053	26170	26054	0.44	cps
Chlorine	35-1	114844	102953	102919	106905	6.43	cps
Chlorine	35-2	640	770	827	746	12.84	cps
Chromium	52-2	923	933	957	938	1.82	cps
Cobalt	59-2	90	90	123	101	19.03	cps
Copper	63-2	747	687	747	727	4.77	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	87	57	97	80	26.02	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	73	53	93	73	27.27	cps
Gadolinium	160-2	183	183	203	190	6.08	cps
Holmium	165-1	11092546	11112327	11176920	11127264	0.40	cps
Holmium	165-2	4600317	4560308	4464477	4541701	1.54	cps
Indium	115-1	8299540	8141015	8185900	8208818	1.00	cps
Indium	115-2	1210311	1205538	1200652	1205500	0.40	cps
Iron	54-2	260	340	267	289	15.37	cps
Iron	56-2	1873	2050	2027	1983	4.84	cps
Iron	57-2	147	97	133	126	20.62	cps
Krypton	83-1	193	183	243	207	15.55	cps
Lead	206-1	257	170	173	200	24.55	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157663BL Instrumnet Name : P8
 Client Sample ID : PB157663BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 16:48:22 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	187	177	163	176	6.67	cps
Lead	208-1	807	733	720	753	6.19	cps
Lithium	6-1	2851474	2800245	2882910	2844876	1.47	cps
Magnesium	24-2	173	183	127	161	18.77	cps
Manganese	55-2	53	37	17	36	51.62	cps
Molybdenum	94-1	180	170	203	184	9.28	cps
Molybdenum	95-1	83	73	57	71	18.94	cps
Molybdenum	96-1	183	197	163	181	9.26	cps
Molybdenum	97-1	47	27	47	40	28.87	cps
Molybdenum	98-1	90	70	173	111	49.33	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	63	47	47	52	18.42	cps
Phosphorus	31-2	197	200	250	216	13.86	cps
Potassium	39-2	9763	10067	9984	9938	1.58	cps
Rhodium	103-1	8190941	8113483	8232859	8179094	0.74	cps
Rhodium	103-2	3604405	3606943	3565794	3592381	0.64	cps
Scandium	45-1	5415757	5398297	5481495	5431850	0.81	cps
Scandium	45-2	194828	194962	192669	194153	0.66	cps
Selenium	82-1	-27	47	-93	-24	-286.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	10	17	22	70.88	cps
Silicon	28-1	206011	205013	203557	204861	0.60	cps
Silver	107-1	70	90	150	103	40.29	cps
Silver	109-1	23	47	100	57	69.36	cps
Sodium	23-2	17838	18141	17731	17903	1.19	cps
Strontium	86-1	430	383	453	422	8.44	cps
Strontium	88-1	750	693	673	706	5.64	cps
Sulfur	34-1	344991	348261	344921	346058	0.55	cps
Terbium	159-1	11290199	11181386	11476891	11316158	1.32	cps
Terbium	159-2	4378743	4448562	4358140	4395148	1.08	cps
Thallium	203-1	217	190	190	199	7.74	cps
Thallium	205-1	433	423	463	440	4.73	cps
Tin	118-1	597	610	703	637	9.13	cps
Titanium	47-1	100	80	90	90	11.11	cps
Uranium	238-1	7	0	7	4	86.60	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P8
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 16:48:22	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	10	11	17.30	cps
Ytterbium	172-1	60	67	77	68	12.38	cps
Ytterbium	172-2	20	47	50	39	42.28	cps
Ytterbium	176-1	1317	1433	1273	1341	6.17	cps
Ytterbium	176-2	15719	15906	15736	15787	0.65	cps
Yttrium	89-1	13058799	12752721	12989574	12933698	1.24	cps
Yttrium	89-2	1390421	1396904	1396610	1394645	0.26	cps
Zinc	66-2	610	687	610	636	6.96	cps
Zirconium	90-1	523	567	540	543	4.02	cps
Zirconium	91-1	100	90	90	93	6.19	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	489959	496345	494483	493596	0.67	cps
Antimony	121-1	3015724	3016932	3034063	3022239	0.34	cps
Arsenic	75-2	71648	71018	70519	71062	0.80	cps
Barium	135-1	3525860	3530700	3512164	3522908	0.27	cps
Barium	137-1	6182579	6217287	5948023	6115963	2.39	cps
Beryllium	9-1	750115	749878	744532	748175	0.42	cps
Bismuth	209-1	7302062	7421812	7303606	7342493	0.94	cps
Bismuth	209-2	3105293	3097940	3050061	3084431	0.97	cps
Bromine	81-1	2334	2370	2300	2335	1.50	cps
Cadmium	108-1	61373	61721	62180	61758	0.66	cps
Cadmium	106-1	85131	84477	88639	86082	2.60	cps
Cadmium	111-1	730489	726950	740982	732807	1.00	cps
Calcium	43-1	1047647	1034698	1025907	1036084	1.06	cps
Calcium	44-1	16197634	15733131	15764145	15898303	1.63	cps
Carbon	12-1	2179157	2205191	2296582	2226977	2.77	cps
Carbon	12-2	30258	31123	31263	30881	1.76	cps
Chlorine	35-1	146658	138919	138007	141195	3.37	cps
Chlorine	35-2	843	1000	980	941	9.06	cps
Chromium	52-2	852962	847823	847668	849485	0.35	cps
Cobalt	59-2	1527546	1490928	1490113	1502862	1.42	cps
Copper	63-2	11612285	11859262	11647089	11706212	1.14	cps
Dysprosium	156-1	200	213	273	229	17.07	cps
Dysprosium	156-2	93	123	100	106	14.93	cps
Erbium	164-1	153	170	140	154	9.73	cps
Erbium	164-2	47	53	80	60	29.40	cps
Gadolinium	160-1	257	263	217	246	10.28	cps
Gadolinium	160-2	290	220	227	246	15.74	cps
Holmium	165-1	10699897	10784069	10736942	10740303	0.39	cps
Holmium	165-2	4094066	4073341	4095211	4087539	0.30	cps
Indium	115-1	7522097	7680151	7592637	7598295	1.04	cps
Indium	115-2	1028654	1030774	1030030	1029819	0.10	cps
Iron	54-2	1923696	1953809	1975840	1951115	1.34	cps
Iron	56-2	34483312	34210792	34476664	34390256	0.45	cps
Iron	57-2	864837	866214	873510	868187	0.54	cps
Krypton	83-1	170	193	220	194	12.87	cps
Lead	206-1	14645181	14558149	14733197	14645509	0.60	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12354639	12569248	12576115	12500001	1.01	cps
Lead	208-1	58172379	58320637	58352840	58281952	0.17	cps
Lithium	6-1	2439467	2476130	2380174	2431924	1.99	cps
Magnesium	24-2	7061915	7027811	7059137	7049621	0.27	cps
Manganese	55-2	4200622	4198805	4319918	4239781	1.64	cps
Molybdenum	94-1	10924914	10943112	10867896	10911974	0.36	cps
Molybdenum	95-1	15839732	15672565	15365059	15625785	1.54	cps
Molybdenum	96-1	17263666	17525691	17369930	17386429	0.76	cps
Molybdenum	97-1	9901718	9796438	9811260	9836472	0.58	cps
Molybdenum	98-1	25546596	25558901	25763988	25623162	0.48	cps
Neodymium	150-1	190	220	243	218	12.28	cps
Neodymium	150-2	27	43	13	28	54.11	cps
Nickel	60-2	403460	396997	403554	401337	0.94	cps
Phosphorus	31-2	22818	23466	23489	23258	1.64	cps
Potassium	39-2	2218345	2218691	2245304	2227447	0.69	cps
Rhodium	103-1	7192114	7419137	7206956	7272736	1.75	cps
Rhodium	103-2	3076433	3150032	3090348	3105604	1.26	cps
Scandium	45-1	5008118	4984863	4897160	4963380	1.18	cps
Scandium	45-2	167716	166767	166267	166917	0.44	cps
Selenium	82-1	50950	51465	52278	51564	1.30	cps
Selenium	77-2	1417	1553	1433	1468	5.08	cps
Selenium	78-2	5194	4971	5328	5164	3.49	cps
Silicon	28-1	21094564	20442899	20504638	20680701	1.74	cps
Silver	107-1	3864948	3819966	3839651	3841522	0.59	cps
Silver	109-1	3671072	3723277	3725371	3706574	0.83	cps
Sodium	23-2	12815238	12577972	12797265	12730158	1.04	cps
Strontium	86-1	23318950	23309433	23192282	23273555	0.30	cps
Strontium	88-1	204824344	202179337	201740504	202914728	0.82	cps
Sulfur	34-1	574911	571495	567812	571406	0.62	cps
Terbium	159-1	10624864	10932572	10565154	10707530	1.84	cps
Terbium	159-2	3972092	3928569	3956507	3952389	0.56	cps
Thallium	203-1	3605442	3545944	3527591	3559659	1.14	cps
Thallium	205-1	8290057	8291906	8284766	8288910	0.04	cps
Tin	118-1	2470683	2481881	2477338	2476634	0.23	cps
Titanium	47-1	4227485	4214237	4176350	4206024	0.63	cps
Uranium	238-1	12352391	12087698	12063574	12167888	1.32	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P8
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:04:44	DataFile Name :	046LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	657692	658225	655831	657249	0.19	cps
Ytterbium	172-1	167	117	190	158	23.74	cps
Ytterbium	172-2	67	53	113	78	40.51	cps
Ytterbium	176-1	15523	15986	15816	15775	1.49	cps
Ytterbium	176-2	19351	18927	19905	19394	2.53	cps
Yttrium	89-1	11861983	11987572	11928774	11926110	0.53	cps
Yttrium	89-2	1213546	1203238	1190196	1202327	0.97	cps
Zinc	66-2	1400865	1379444	1383094	1387801	0.83	cps
Zirconium	90-1	5151015	5166100	5212751	5176622	0.62	cps
Zirconium	91-1	1176254	1179690	1173763	1176569	0.25	cps

LB Number : LB128745 Operator : Jaswal
 Lab Sample ID : PB157663BS Instrumnet Name : P8
 Client Sample ID : PB157663BS Dilution Factor : 1
 Date & Time Acquired : 2023-12-11 17:07:41 DataFile Name : 047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500876	494963	492899	496246	0.83	cps
Antimony	121-1	2985976	2970605	2995394	2983992	0.42	cps
Arsenic	75-2	73089	72579	70827	72165	1.64	cps
Barium	135-1	3538193	3558200	3473191	3523195	1.26	cps
Barium	137-1	6083002	6028612	6029784	6047133	0.51	cps
Beryllium	9-1	744683	742448	741501	742877	0.22	cps
Bismuth	209-1	7172813	7393257	7376136	7314069	1.68	cps
Bismuth	209-2	3172922	3038175	3141088	3117395	2.26	cps
Bromine	81-1	2327	2344	2187	2286	3.77	cps
Cadmium	108-1	60676	62173	60971	61273	1.29	cps
Cadmium	106-1	85064	84537	85704	85102	0.69	cps
Cadmium	111-1	725762	719695	714392	719950	0.79	cps
Calcium	43-1	1026070	1034048	1035271	1031796	0.48	cps
Calcium	44-1	15844482	15453349	15690156	15662662	1.26	cps
Carbon	12-1	2195106	2239889	2191646	2208880	1.22	cps
Carbon	12-2	30198	30752	30438	30463	0.91	cps
Chlorine	35-1	142606	132378	131168	135384	4.64	cps
Chlorine	35-2	950	980	800	910	10.60	cps
Chromium	52-2	854225	860539	863100	859288	0.53	cps
Cobalt	59-2	1499650	1524028	1502188	1508622	0.89	cps
Copper	63-2	11668652	11704498	11622642	11665264	0.35	cps
Dysprosium	156-1	227	193	247	222	12.12	cps
Dysprosium	156-2	103	97	103	101	3.81	cps
Erbium	164-1	120	153	180	151	19.89	cps
Erbium	164-2	70	67	53	63	13.93	cps
Gadolinium	160-1	197	287	220	234	19.92	cps
Gadolinium	160-2	257	263	257	259	1.49	cps
Holmium	165-1	11045033	10710017	10710770	10821940	1.79	cps
Holmium	165-2	4318754	4093659	4155558	4189324	2.78	cps
Indium	115-1	7546958	7622841	7579232	7583010	0.50	cps
Indium	115-2	1058208	1017853	1022590	1032884	2.14	cps
Iron	54-2	1956248	1979611	1955200	1963687	0.70	cps
Iron	56-2	35144976	34276302	34635525	34685601	1.26	cps
Iron	57-2	871549	873670	880579	875266	0.54	cps
Krypton	83-1	200	197	167	188	9.78	cps
Lead	206-1	14282573	14462028	14034146	14259582	1.51	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P8
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:07:41	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12710331	12657676	12407858	12591955	1.28	cps
Lead	208-1	58223547	58116477	57102695	57814240	1.07	cps
Lithium	6-1	2463923	2455847	2391233	2437001	1.63	cps
Magnesium	24-2	6956939	7115913	7218697	7097183	1.86	cps
Manganese	55-2	4279141	4231713	4264053	4258303	0.57	cps
Molybdenum	94-1	11059527	10864645	10657211	10860461	1.85	cps
Molybdenum	95-1	16138258	15542303	15673956	15784839	1.98	cps
Molybdenum	96-1	17554608	17269243	17274556	17366136	0.94	cps
Molybdenum	97-1	9802110	9586527	9681829	9690155	1.11	cps
Molybdenum	98-1	25539240	25071651	25245037	25285309	0.93	cps
Neodymium	150-1	143	243	273	220	30.94	cps
Neodymium	150-2	43	30	17	30	44.43	cps
Nickel	60-2	406831	404877	405333	405680	0.25	cps
Phosphorus	31-2	22898	22841	23472	23071	1.51	cps
Potassium	39-2	2290231	2257652	2282421	2276768	0.75	cps
Rhodium	103-1	7413871	7490739	7228002	7377537	1.83	cps
Rhodium	103-2	3176322	3020897	3037419	3078212	2.77	cps
Scandium	45-1	4952246	4830088	4757093	4846476	2.03	cps
Scandium	45-2	170394	164824	164564	166594	1.98	cps
Selenium	82-1	51067	51910	51465	51480	0.82	cps
Selenium	77-2	1680	1600	1590	1623	3.04	cps
Selenium	78-2	5468	5271	5238	5326	2.33	cps
Silicon	28-1	20638746	20604179	20386875	20543267	0.66	cps
Silver	107-1	3827259	3836050	3879205	3847505	0.72	cps
Silver	109-1	3661968	3730360	3582905	3658411	2.02	cps
Sodium	23-2	12562776	12797361	12793584	12717907	1.06	cps
Strontium	86-1	22878164	23382740	23211165	23157356	1.11	cps
Strontium	88-1	200868177	200889577	202452870	201403541	0.45	cps
Sulfur	34-1	570345	564082	566908	567112	0.55	cps
Terbium	159-1	10824829	10821202	10651446	10765826	0.92	cps
Terbium	159-2	4038042	3975285	3955267	3989531	1.08	cps
Thallium	203-1	3413247	3482049	3479664	3458320	1.13	cps
Thallium	205-1	8140341	8015524	8112911	8089592	0.81	cps
Tin	118-1	2420530	2501137	2500569	2474079	1.87	cps
Titanium	47-1	4249165	4171003	4201366	4207178	0.94	cps
Uranium	238-1	12098335	12043952	12104356	12082214	0.28	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P8
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:07:41	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	665836	656738	655697	659424	0.85	cps
Ytterbium	172-1	173	147	153	158	8.80	cps
Ytterbium	172-2	100	60	93	84	25.38	cps
Ytterbium	176-1	15676	14655	15609	15313	3.73	cps
Ytterbium	176-2	19464	19551	19484	19500	0.23	cps
Yttrium	89-1	11851062	12142141	12074873	12022692	1.27	cps
Yttrium	89-2	1246182	1198601	1193376	1212720	2.40	cps
Zinc	66-2	1408698	1406375	1401736	1405603	0.25	cps
Zirconium	90-1	5211947	5243257	5175732	5210312	0.65	cps
Zirconium	91-1	1164312	1155819	1171500	1163877	0.67	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	496730	505375	497990	500032	0.93	cps
Antimony	121-1	2990383	3062921	3084068	3045791	1.61	cps
Arsenic	75-2	71849	72190	72120	72053	0.25	cps
Barium	135-1	3581057	3623597	3611174	3605276	0.61	cps
Barium	137-1	6072060	6146378	6157232	6125223	0.76	cps
Beryllium	9-1	747518	753152	751164	750611	0.38	cps
Bismuth	209-1	7433226	7331223	7272178	7345542	1.11	cps
Bismuth	209-2	3182187	3140517	3109255	3143986	1.16	cps
Bromine	81-1	2360	2107	2380	2282	6.68	cps
Cadmium	108-1	60991	62582	61141	61571	1.43	cps
Cadmium	106-1	86000	86697	87046	86581	0.62	cps
Cadmium	111-1	726904	740078	737480	734820	0.95	cps
Calcium	43-1	1029371	1041582	1033647	1034867	0.60	cps
Calcium	44-1	15408512	15915947	15923409	15749289	1.87	cps
Carbon	12-1	2190894	2238667	2224642	2218068	1.11	cps
Carbon	12-2	30094	31086	30084	30422	1.89	cps
Chlorine	35-1	148878	139498	137290	141889	4.34	cps
Chlorine	35-2	983	937	913	944	3.77	cps
Chromium	52-2	868210	861599	863759	864523	0.39	cps
Cobalt	59-2	1534190	1509360	1540674	1528075	1.08	cps
Copper	63-2	11930554	11726704	11552740	11736666	1.61	cps
Dysprosium	156-1	200	213	173	196	10.41	cps
Dysprosium	156-2	103	110	100	104	4.88	cps
Erbium	164-1	110	140	120	123	12.39	cps
Erbium	164-2	50	50	63	54	14.14	cps
Gadolinium	160-1	270	243	277	263	6.70	cps
Gadolinium	160-2	227	243	273	248	9.54	cps
Holmium	165-1	10960567	10810076	10730606	10833750	1.08	cps
Holmium	165-2	4140817	4204009	4141833	4162220	0.87	cps
Indium	115-1	7687831	7668348	7562516	7639565	0.88	cps
Indium	115-2	1041786	1043387	1035092	1040088	0.42	cps
Iron	54-2	2014176	2000067	2002939	2005727	0.37	cps
Iron	56-2	35377075	34941889	34846214	35055059	0.81	cps
Iron	57-2	891755	880378	875443	882525	0.95	cps
Krypton	83-1	190	183	203	192	5.30	cps
Lead	206-1	14548883	14524292	14695721	14589632	0.64	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12465376	12672829	12824862	12654356	1.43	cps
Lead	208-1	58119792	58872018	58911407	58634405	0.76	cps
Lithium	6-1	2560391	2455357	2495620	2503789	2.12	cps
Magnesium	24-2	7152439	6930533	7082587	7055186	1.61	cps
Manganese	55-2	4281085	4316458	4277040	4291528	0.51	cps
Molybdenum	94-1	10842905	11156757	11106888	11035517	1.53	cps
Molybdenum	95-1	15816324	15651594	15829721	15765879	0.63	cps
Molybdenum	96-1	17274227	17211521	17470716	17318821	0.78	cps
Molybdenum	97-1	9864127	9870206	9929477	9887937	0.37	cps
Molybdenum	98-1	25699644	26222935	25575758	25832779	1.33	cps
Neodymium	150-1	223	227	240	230	3.84	cps
Neodymium	150-2	53	33	27	38	36.73	cps
Nickel	60-2	411681	410048	406892	409540	0.59	cps
Phosphorus	31-2	23723	23409	23743	23625	0.79	cps
Potassium	39-2	2294438	2282205	2257653	2278099	0.82	cps
Rhodium	103-1	7553408	7427288	7247779	7409492	2.07	cps
Rhodium	103-2	3155056	3187856	3073335	3138749	1.88	cps
Scandium	45-1	4879981	4911728	4932724	4908144	0.54	cps
Scandium	45-2	168759	168201	166716	167892	0.63	cps
Selenium	82-1	51197	53161	52492	52284	1.91	cps
Selenium	77-2	1713	1533	1467	1571	8.12	cps
Selenium	78-2	5171	5084	5261	5172	1.71	cps
Silicon	28-1	20870984	20815458	20726708	20804383	0.35	cps
Silver	107-1	3887320	3968895	3920019	3925411	1.05	cps
Silver	109-1	3648894	3743107	3774626	3722209	1.76	cps
Sodium	23-2	13163067	12399839	12670937	12744615	3.04	cps
Strontium	86-1	23129820	23835681	23573978	23513160	1.52	cps
Strontium	88-1	201364624	204169910	202510504	202681679	0.70	cps
Sulfur	34-1	566717	569638	567233	567863	0.27	cps
Terbium	159-1	10840858	10721220	10506549	10689542	1.58	cps
Terbium	159-2	4017458	4155417	4039721	4070865	1.82	cps
Thallium	203-1	3520828	3512716	3592034	3541859	1.23	cps
Thallium	205-1	8252745	8255721	8474461	8327642	1.53	cps
Tin	118-1	2480746	2547067	2549143	2525652	1.54	cps
Titanium	47-1	4206420	4291045	4285810	4261091	1.11	cps
Uranium	238-1	12246381	12143315	12307886	12232528	0.68	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P8
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:10:41	DataFile Name :	048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	668222	661922	660525	663556	0.62	cps
Ytterbium	172-1	163	183	187	178	7.10	cps
Ytterbium	172-2	90	60	63	71	23.12	cps
Ytterbium	176-1	15312	16026	15379	15573	2.53	cps
Ytterbium	176-2	19491	19521	19605	19539	0.30	cps
Yttrium	89-1	12125760	11878331	11703878	11902656	1.78	cps
Yttrium	89-2	1219183	1219267	1208293	1215581	0.52	cps
Zinc	66-2	1417892	1413204	1414459	1415185	0.17	cps
Zirconium	90-1	5159474	5189884	5237918	5195759	0.76	cps
Zirconium	91-1	1167475	1192919	1191585	1183993	1.21	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2561340	2507739	2463487	2510855	1.95	cps
Antimony	121-1	2927867	2953172	2935082	2938707	0.44	cps
Arsenic	75-2	72080	71139	72013	71744	0.73	cps
Barium	135-1	3474786	3454672	3544791	3491416	1.35	cps
Barium	137-1	5911698	5900010	6058880	5956863	1.49	cps
Beryllium	9-1	732109	735360	728190	731886	0.49	cps
Bismuth	209-1	6884648	6862308	6601388	6782781	2.32	cps
Bismuth	209-2	2894085	2928974	2947897	2923652	0.93	cps
Bromine	81-1	2637	2787	2590	2671	3.85	cps
Cadmium	108-1	59250	58504	58992	58915	0.64	cps
Cadmium	106-1	82505	83149	84400	83351	1.16	cps
Cadmium	111-1	684487	693244	701674	693135	1.24	cps
Calcium	43-1	4515281	4550816	4469059	4511719	0.91	cps
Calcium	44-1	73299974	73404186	71650409	72784856	1.35	cps
Carbon	12-1	2205075	2392721	2353316	2317037	4.27	cps
Carbon	12-2	34350	34791	35346	34829	1.43	cps
Chlorine	35-1	147267	138781	136718	140922	3.97	cps
Chlorine	35-2	1040	1053	1077	1057	1.76	cps
Chromium	52-2	852685	838230	847970	846295	0.87	cps
Cobalt	59-2	1474498	1507449	1495638	1492528	1.12	cps
Copper	63-2	11156855	11360340	11131225	11216140	1.12	cps
Dysprosium	156-1	770	820	787	792	3.21	cps
Dysprosium	156-2	370	357	300	342	10.86	cps
Erbium	164-1	233	277	200	237	16.24	cps
Erbium	164-2	87	97	113	99	13.62	cps
Gadolinium	160-1	800	850	803	818	3.42	cps
Gadolinium	160-2	513	577	507	532	7.26	cps
Holmium	165-1	10379501	10708401	10637930	10575277	1.64	cps
Holmium	165-2	4125301	4093475	4151882	4123553	0.71	cps
Indium	115-1	7319142	7258479	7134361	7237327	1.30	cps
Indium	115-2	1006291	1003567	1007156	1005671	0.19	cps
Iron	54-2	9520331	9423376	9467654	9470453	0.51	cps
Iron	56-2	171850871	169947891	172333271	171377344	0.74	cps
Iron	57-2	4296180	4360663	4369884	4342243	0.92	cps
Krypton	83-1	157	190	130	159	18.92	cps
Lead	206-1	13832401	14455064	14516187	14267884	2.65	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11840045	12445439	12343570	12209685	2.65	cps
Lead	208-1	55153993	57182752	56933249	56423331	1.96	cps
Lithium	6-1	2377701	2295996	2299346	2324348	1.99	cps
Magnesium	24-2	35522384	35166509	35513549	35400814	0.57	cps
Manganese	55-2	4170288	4114613	4243657	4176186	1.55	cps
Molybdenum	94-1	10814064	10871293	10964156	10883171	0.70	cps
Molybdenum	95-1	15437576	15740518	15570243	15582779	0.97	cps
Molybdenum	96-1	17255886	17440432	16688165	17128161	2.29	cps
Molybdenum	97-1	9539169	9792489	9530133	9620597	1.55	cps
Molybdenum	98-1	25206045	25551924	24696132	25151367	1.71	cps
Neodymium	150-1	377	320	340	346	8.32	cps
Neodymium	150-2	60	77	37	58	34.77	cps
Nickel	60-2	397880	388513	394411	393601	1.20	cps
Phosphorus	31-2	23242	23299	23402	23314	0.35	cps
Potassium	39-2	10812409	10662299	10793188	10755965	0.76	cps
Rhodium	103-1	6857376	6764103	6730231	6783904	0.97	cps
Rhodium	103-2	2952968	2870705	2887070	2903581	1.50	cps
Scandium	45-1	4812741	4725670	4595077	4711162	2.33	cps
Scandium	45-2	163451	164898	164269	164206	0.44	cps
Selenium	82-1	49006	49494	49070	49190	0.54	cps
Selenium	77-2	1557	1447	1460	1488	4.04	cps
Selenium	78-2	4871	4841	5104	4939	2.92	cps
Silicon	28-1	22421700	23030513	22644236	22698816	1.36	cps
Silver	107-1	3810699	3742723	3760215	3771212	0.94	cps
Silver	109-1	3539022	3609180	3569139	3572447	0.99	cps
Sodium	23-2	62334776	61507146	62751294	62197739	1.02	cps
Strontium	86-1	23122049	23195720	22844500	23054090	0.80	cps
Strontium	88-1	201464524	203602797	203610010	202892444	0.61	cps
Sulfur	34-1	565142	561048	556845	561012	0.74	cps
Terbium	159-1	10579206	10488653	10401889	10489916	0.85	cps
Terbium	159-2	3939536	3943022	3960814	3947791	0.29	cps
Thallium	203-1	3365379	3477240	3451049	3431223	1.71	cps
Thallium	205-1	8020913	8224284	8249905	8165034	1.54	cps
Tin	118-1	2418479	2455776	2438614	2437623	0.77	cps
Titanium	47-1	4173488	4212702	4205051	4197080	0.50	cps
Uranium	238-1	11874328	12526366	12177144	12192613	2.68	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:18:09	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	664143	657907	662304	661451	0.48	cps
Ytterbium	172-1	227	243	277	249	10.23	cps
Ytterbium	172-2	133	107	70	103	30.77	cps
Ytterbium	176-1	15553	16040	15229	15607	2.62	cps
Ytterbium	176-2	19464	19181	19568	19404	1.03	cps
Yttrium	89-1	11203740	11696345	11246963	11382349	2.40	cps
Yttrium	89-2	1192212	1182483	1208906	1194534	1.12	cps
Zinc	66-2	1346116	1340646	1348327	1345030	0.29	cps
Zirconium	90-1	4980539	5260705	5132056	5124433	2.74	cps
Zirconium	91-1	1149086	1173433	1171321	1164613	1.16	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	97	173	112	49.02	cps
Antimony	121-1	233	200	323	252	25.30	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	67	43	157	89	67.33	cps
Barium	137-1	127	120	307	184	57.43	cps
Beryllium	9-1	70	95	86	84	15.15	cps
Bismuth	209-1	7698427	7623532	7473918	7598625	1.50	cps
Bismuth	209-2	3181162	3234639	3385037	3266946	3.24	cps
Bromine	81-1	2617	2414	2764	2598	6.77	cps
Cadmium	108-1	23	17	20	20	16.65	cps
Cadmium	106-1	3360	3200	3427	3329	3.50	cps
Cadmium	111-1	340	335	365	347	4.71	cps
Calcium	43-1	213	634	153	333	78.48	cps
Calcium	44-1	28141	32948	26698	29262	11.18	cps
Carbon	12-1	1925841	1880299	1932159	1912766	1.48	cps
Carbon	12-2	25058	24721	25048	24942	0.77	cps
Chlorine	35-1	99082	88804	87800	91895	6.79	cps
Chlorine	35-2	723	657	620	667	7.86	cps
Chromium	52-2	810	903	1017	910	11.37	cps
Cobalt	59-2	107	117	107	110	5.25	cps
Copper	63-2	723	710	907	780	14.09	cps
Dysprosium	156-1	20	7	3	10	88.20	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	93	80	97	90	9.80	cps
Erbium	164-2	10	27	40	26	58.81	cps
Gadolinium	160-1	103	100	73	92	17.83	cps
Gadolinium	160-2	160	170	177	169	4.97	cps
Holmium	165-1	11203514	11003875	10779845	10995745	1.93	cps
Holmium	165-2	4148742	4248341	4362385	4253156	2.51	cps
Indium	115-1	8123750	8178551	8084465	8128922	0.58	cps
Indium	115-2	1073326	1100444	1144487	1106086	3.25	cps
Iron	54-2	270	240	500	337	42.25	cps
Iron	56-2	2070	2147	3907	2708	38.36	cps
Iron	57-2	107	103	153	121	23.09	cps
Krypton	83-1	207	157	177	180	13.98	cps
Lead	206-1	750	673	797	740	8.42	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	693	623	647	654	5.45	cps
Lead	208-1	2997	2817	2987	2934	3.45	cps
Lithium	6-1	2646947	2536227	2652466	2611880	2.51	cps
Magnesium	24-2	217	173	1632	674	123.13	cps
Manganese	55-2	70	53	83	69	21.83	cps
Molybdenum	94-1	263	433	2643	1113	119.25	cps
Molybdenum	95-1	270	437	3737	1481	132.01	cps
Molybdenum	96-1	417	447	3924	1596	126.35	cps
Molybdenum	97-1	180	153	2017	784	136.37	cps
Molybdenum	98-1	503	623	4119	1749	117.45	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	60	57	63	13.92	cps
Phosphorus	31-2	187	157	280	208	30.96	cps
Potassium	39-2	10270	10250	10504	10342	1.36	cps
Rhodium	103-1	8098745	7777737	7716875	7864452	2.61	cps
Rhodium	103-2	3223422	3318339	3376098	3305953	2.33	cps
Scandium	45-1	5325990	5129406	5112340	5189245	2.29	cps
Scandium	45-2	168784	172252	179813	173616	3.25	cps
Selenium	82-1	17	63	-3	26	133.85	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	17	10	57.72	cps
Silicon	28-1	193973	198271	189389	193878	2.29	cps
Silver	107-1	147	163	560	290	80.70	cps
Silver	109-1	110	97	440	216	90.24	cps
Sodium	23-2	22651	23996	27624	24757	10.39	cps
Strontium	86-1	600	1040	447	696	44.30	cps
Strontium	88-1	2870	5139	6724	4911	39.44	cps
Sulfur	34-1	312584	313777	315933	314098	0.54	cps
Terbium	159-1	11233625	11136490	10856271	11075462	1.77	cps
Terbium	159-2	4067860	4070214	4273175	4137083	2.85	cps
Thallium	203-1	280	230	293	268	12.47	cps
Thallium	205-1	560	523	670	584	13.06	cps
Tin	118-1	633	603	663	633	4.74	cps
Titanium	47-1	123	530	100	251	96.31	cps
Uranium	238-1	140	107	77	108	29.39	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:32:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	17	14	13.35	cps
Ytterbium	172-1	60	110	70	80	33.07	cps
Ytterbium	172-2	30	30	43	34	22.34	cps
Ytterbium	176-1	1247	1250	1203	1233	2.11	cps
Ytterbium	176-2	14058	14615	14598	14424	2.20	cps
Yttrium	89-1	13162711	12387909	12254704	12601775	3.89	cps
Yttrium	89-2	1229694	1274175	1314876	1272915	3.35	cps
Zinc	66-2	530	547	493	523	5.21	cps
Zirconium	90-1	577	713	1157	816	37.20	cps
Zirconium	91-1	103	93	267	154	63.02	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	77	110	93	17.86	cps
Antimony	121-1	103	93	227	141	52.63	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	43	70	67	60	24.22	cps
Barium	137-1	73	53	87	71	23.60	cps
Beryllium	9-1	65	57	85	69	20.56	cps
Bismuth	209-1	7355692	7423668	6968494	7249285	3.39	cps
Bismuth	209-2	3329037	3326080	3362723	3339280	0.61	cps
Bromine	81-1	2554	2617	2740	2637	3.60	cps
Cadmium	108-1	20	27	10	19	44.42	cps
Cadmium	106-1	3314	3440	3254	3336	2.86	cps
Cadmium	111-1	331	349	328	336	3.31	cps
Calcium	43-1	193	237	137	189	26.55	cps
Calcium	44-1	29474	28585	29123	29061	1.54	cps
Carbon	12-1	1905242	1926758	1911370	1914457	0.58	cps
Carbon	12-2	24858	24347	24584	24596	1.04	cps
Chlorine	35-1	106709	97780	95690	100060	5.85	cps
Chlorine	35-2	753	657	680	697	7.24	cps
Chromium	52-2	943	983	893	940	4.80	cps
Cobalt	59-2	113	120	153	129	16.63	cps
Copper	63-2	637	840	740	739	13.76	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	60	80	57	66	19.25	cps
Erbium	164-2	23	37	33	31	22.31	cps
Gadolinium	160-1	57	87	90	78	23.60	cps
Gadolinium	160-2	177	140	140	152	13.91	cps
Holmium	165-1	11208473	10847763	10629500	10895245	2.68	cps
Holmium	165-2	4418963	4319900	4390332	4376398	1.16	cps
Indium	115-1	8039056	7856275	7644825	7846719	2.51	cps
Indium	115-2	1162693	1147896	1153999	1154862	0.64	cps
Iron	54-2	303	240	370	304	21.35	cps
Iron	56-2	2277	2050	3148	2492	23.26	cps
Iron	57-2	103	117	130	117	11.43	cps
Krypton	83-1	187	240	163	197	19.98	cps
Lead	206-1	487	597	567	550	10.34	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	577	430	523	510	14.56	cps
Lead	208-1	2283	2323	2420	2342	3.00	cps
Lithium	6-1	2591848	2656264	2528099	2592070	2.47	cps
Magnesium	24-2	187	180	1164	510	110.98	cps
Manganese	55-2	63	57	123	81	45.27	cps
Molybdenum	94-1	257	230	277	254	9.20	cps
Molybdenum	95-1	100	97	87	94	7.35	cps
Molybdenum	96-1	220	263	193	226	15.66	cps
Molybdenum	97-1	67	60	113	80	36.33	cps
Molybdenum	98-1	230	157	213	200	19.22	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	77	67	60	68	12.38	cps
Phosphorus	31-2	133	233	213	193	27.37	cps
Potassium	39-2	10190	10010	10511	10237	2.48	cps
Rhodium	103-1	7741901	7766996	7631631	7713509	0.93	cps
Rhodium	103-2	3350614	3450450	3442767	3414611	1.63	cps
Scandium	45-1	5119764	5266876	4871013	5085884	3.93	cps
Scandium	45-2	183894	181293	181660	182282	0.77	cps
Selenium	82-1	-27	-80	50	-19	-345.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	10	13	18	60.28	cps
Silicon	28-1	194935	195229	192726	194296	0.70	cps
Silver	107-1	107	103	107	106	1.82	cps
Silver	109-1	80	50	87	72	27.04	cps
Sodium	23-2	23532	22858	25118	23836	4.87	cps
Strontium	86-1	413	423	440	426	3.17	cps
Strontium	88-1	1233	1043	1243	1173	9.61	cps
Sulfur	34-1	316859	318501	319121	318160	0.37	cps
Terbium	159-1	10857594	10990559	10685100	10844418	1.41	cps
Terbium	159-2	4261897	4230710	4332519	4275042	1.22	cps
Thallium	203-1	223	200	193	206	7.66	cps
Thallium	205-1	457	490	523	490	6.80	cps
Tin	118-1	580	593	543	572	4.52	cps
Titanium	47-1	120	90	113	108	14.62	cps
Uranium	238-1	47	50	63	53	16.53	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P8
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:36:17	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	7	13	7	99.98	cps
Ytterbium	172-1	67	63	67	66	2.94	cps
Ytterbium	172-2	17	23	37	26	39.85	cps
Ytterbium	176-1	1440	1290	1227	1319	8.31	cps
Ytterbium	176-2	14525	14715	15436	14892	3.23	cps
Yttrium	89-1	12412218	12461427	12010516	12294720	2.01	cps
Yttrium	89-2	1341824	1340275	1336330	1339476	0.21	cps
Zinc	66-2	580	590	560	577	2.65	cps
Zirconium	90-1	463	553	577	531	11.27	cps
Zirconium	91-1	93	123	110	109	13.80	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2487900	2529045	2533242	2516729	1.00	cps
Antimony	121-1	3002698	2954203	2907431	2954777	1.61	cps
Arsenic	75-2	70191	70291	71205	70562	0.79	cps
Barium	135-1	3534931	3513992	3483050	3510658	0.74	cps
Barium	137-1	5910792	5933511	5979392	5941232	0.59	cps
Beryllium	9-1	753478	745938	739251	746222	0.95	cps
Bismuth	209-1	7007329	6775667	6695886	6826294	2.37	cps
Bismuth	209-2	2923475	2835562	2898974	2886003	1.57	cps
Bromine	81-1	2734	2817	2684	2745	2.45	cps
Cadmium	108-1	59200	59056	58571	58942	0.56	cps
Cadmium	106-1	85624	84343	83538	84501	1.25	cps
Cadmium	111-1	698874	699025	695854	697918	0.26	cps
Calcium	43-1	4642881	4539362	4495641	4559295	1.66	cps
Calcium	44-1	73349046	71948171	70139627	71812281	2.24	cps
Carbon	12-1	2258324	2334476	2329074	2307291	1.84	cps
Carbon	12-2	34748	34567	34935	34750	0.53	cps
Chlorine	35-1	146346	134797	134087	138410	4.97	cps
Chlorine	35-2	973	1020	987	993	2.42	cps
Chromium	52-2	852555	854949	845807	851104	0.56	cps
Cobalt	59-2	1465945	1496802	1479768	1480838	1.04	cps
Copper	63-2	11070342	11206375	11234714	11170477	0.79	cps
Dysprosium	156-1	780	877	823	827	5.86	cps
Dysprosium	156-2	363	323	353	347	6.00	cps
Erbium	164-1	263	213	233	237	10.63	cps
Erbium	164-2	97	103	110	103	6.45	cps
Gadolinium	160-1	967	960	820	916	9.05	cps
Gadolinium	160-2	523	487	507	506	3.63	cps
Holmium	165-1	10946187	10596442	10545843	10696157	2.04	cps
Holmium	165-2	4071346	4071235	4100900	4081160	0.42	cps
Indium	115-1	7512596	7244844	7092176	7283205	2.92	cps
Indium	115-2	1005886	998996	1005338	1003406	0.38	cps
Iron	54-2	9218499	9506338	9435737	9386858	1.60	cps
Iron	56-2	171632397	169479144	172302137	171137893	0.86	cps
Iron	57-2	4179172	4415699	4236316	4277063	2.89	cps
Krypton	83-1	157	190	183	177	9.98	cps
Lead	206-1	14194577	14487641	13939303	14207174	1.93	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12350301	12195271	11959089	12168220	1.62	cps
Lead	208-1	57445006	56366747	55950927	56587560	1.36	cps
Lithium	6-1	2432727	2366339	2313879	2370982	2.51	cps
Magnesium	24-2	34921050	34866338	35857064	35214818	1.58	cps
Manganese	55-2	4194081	4102416	4208047	4168181	1.38	cps
Molybdenum	94-1	11245463	10877375	10835076	10985971	2.05	cps
Molybdenum	95-1	15891032	15469541	15328645	15563073	1.88	cps
Molybdenum	96-1	17146086	17272434	16954087	17124203	0.94	cps
Molybdenum	97-1	9737703	9720021	9618511	9692079	0.66	cps
Molybdenum	98-1	25789537	25059974	25166013	25338508	1.56	cps
Neodymium	150-1	387	357	380	374	4.21	cps
Neodymium	150-2	60	73	43	59	25.53	cps
Nickel	60-2	388651	384586	389065	387434	0.64	cps
Phosphorus	31-2	22945	23646	23199	23263	1.53	cps
Potassium	39-2	10690410	10815407	10759399	10755072	0.58	cps
Rhodium	103-1	7002283	6805604	6731274	6846387	2.05	cps
Rhodium	103-2	2945372	2901405	2896312	2914363	0.93	cps
Scandium	45-1	4810116	4743297	4620844	4724753	2.03	cps
Scandium	45-2	165671	166574	163665	165303	0.90	cps
Selenium	82-1	51512	50133	48120	49922	3.42	cps
Selenium	77-2	1567	1600	1370	1512	8.22	cps
Selenium	78-2	4928	5008	4914	4950	1.02	cps
Silicon	28-1	23363135	22826515	22482730	22890793	1.94	cps
Silver	107-1	3828977	3740640	3751350	3773656	1.28	cps
Silver	109-1	3649513	3587803	3578280	3605199	1.07	cps
Sodium	23-2	61140889	60972491	62462334	61525238	1.33	cps
Strontium	86-1	23047098	22964143	22995680	23002307	0.18	cps
Strontium	88-1	201830157	201852844	198304704	200662568	1.02	cps
Sulfur	34-1	601453	591476	578007	590312	1.99	cps
Terbium	159-1	10739769	10440294	10447474	10542512	1.62	cps
Terbium	159-2	3950814	4032111	4027294	4003406	1.14	cps
Thallium	203-1	3532340	3455994	3345266	3444534	2.73	cps
Thallium	205-1	8170241	8194675	7947261	8104059	1.68	cps
Tin	118-1	2426280	2449227	2429599	2435035	0.51	cps
Titanium	47-1	4202580	4126750	4124181	4151171	1.07	cps
Uranium	238-1	12421514	12031549	12053526	12168863	1.80	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:39:41	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	665261	654406	665273	661646	0.95	cps
Ytterbium	172-1	217	230	240	229	5.11	cps
Ytterbium	172-2	83	120	103	102	17.96	cps
Ytterbium	176-1	16314	15833	15339	15829	3.08	cps
Ytterbium	176-2	18703	19147	19241	19031	1.51	cps
Yttrium	89-1	12046008	11264315	11383999	11564774	3.64	cps
Yttrium	89-2	1205966	1194058	1186511	1195512	0.82	cps
Zinc	66-2	1335767	1338288	1330332	1334796	0.30	cps
Zirconium	90-1	5203617	5056281	5265899	5175266	2.08	cps
Zirconium	91-1	1186956	1169254	1172992	1176401	0.79	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137	167	97	133	26.34	cps
Antimony	121-1	243	370	610	408	45.67	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	93	50	157	100	53.65	cps
Barium	137-1	100	77	173	117	43.24	cps
Beryllium	9-1	85	85	76	82	6.16	cps
Bismuth	209-1	7344141	6849155	7586709	7260002	5.18	cps
Bismuth	209-2	3299805	3260185	3222674	3260888	1.18	cps
Bromine	81-1	2820	2680	2767	2756	2.56	cps
Cadmium	108-1	17	13	17	16	12.40	cps
Cadmium	106-1	3107	2770	3094	2990	6.38	cps
Cadmium	111-1	332	288	348	323	9.66	cps
Calcium	43-1	173	240	303	239	27.21	cps
Calcium	44-1	27620	27690	26982	27431	1.42	cps
Carbon	12-1	1925279	1911189	1859485	1898651	1.82	cps
Carbon	12-2	24898	24314	24133	24448	1.63	cps
Chlorine	35-1	98220	85990	85809	90006	7.90	cps
Chlorine	35-2	580	647	577	601	6.57	cps
Chromium	52-2	880	933	967	927	4.72	cps
Cobalt	59-2	73	113	90	92	21.79	cps
Copper	63-2	737	1013	730	827	19.56	cps
Dysprosium	156-1	0	10	0	3	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	87	53	83	74	24.66	cps
Erbium	164-2	27	27	33	29	13.31	cps
Gadolinium	160-1	83	57	53	64	25.51	cps
Gadolinium	160-2	160	157	177	164	6.52	cps
Holmium	165-1	10770093	9668256	11105990	10514780	7.15	cps
Holmium	165-2	4365691	4213928	4310442	4296687	1.79	cps
Indium	115-1	7945548	7292546	7928462	7722185	4.82	cps
Indium	115-2	1118729	1106861	1110837	1112142	0.54	cps
Iron	54-2	300	573	297	390	40.72	cps
Iron	56-2	2254	5950	2770	3658	54.72	cps
Iron	57-2	107	223	153	161	36.45	cps
Krypton	83-1	163	150	207	173	17.09	cps
Lead	206-1	807	763	877	816	7.01	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	770	580	690	680	14.03	cps
Lead	208-1	3364	3207	3460	3344	3.82	cps
Lithium	6-1	2537207	2469724	2604879	2537270	2.66	cps
Magnesium	24-2	297	2206	287	930	118.87	cps
Manganese	55-2	93	163	53	103	53.89	cps
Molybdenum	94-1	300	360	1933	864	107.12	cps
Molybdenum	95-1	233	263	2388	962	128.48	cps
Molybdenum	96-1	323	280	2043	882	113.99	cps
Molybdenum	97-1	120	133	971	408	119.45	cps
Molybdenum	98-1	440	320	2384	1048	110.55	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	43	70	67	60	24.22	cps
Phosphorus	31-2	157	190	193	180	11.26	cps
Potassium	39-2	10744	11408	10901	11018	3.15	cps
Rhodium	103-1	7779926	6976145	7665555	7473875	5.82	cps
Rhodium	103-2	3299506	3300977	3329734	3310072	0.51	cps
Scandium	45-1	4927236	4773303	4892669	4864403	1.66	cps
Scandium	45-2	176769	175573	177564	176635	0.57	cps
Selenium	82-1	33	3	-30	2	1424.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	10	20	13	14	35.26	cps
Silicon	28-1	185922	187401	183968	185763	0.93	cps
Silver	107-1	157	140	313	203	47.04	cps
Silver	109-1	113	73	227	138	57.74	cps
Sodium	23-2	26928	32160	28859	29316	9.03	cps
Strontium	86-1	527	423	1367	772	67.03	cps
Strontium	88-1	1907	2237	18640	7595	125.97	cps
Sulfur	34-1	305790	302425	306856	305024	0.76	cps
Terbium	159-1	10709742	9722484	10835890	10422705	5.85	cps
Terbium	159-2	4178264	4169924	4171621	4173270	0.11	cps
Thallium	203-1	220	213	260	231	10.92	cps
Thallium	205-1	593	497	563	551	8.98	cps
Tin	118-1	580	497	677	584	15.41	cps
Titanium	47-1	70	90	133	98	33.11	cps
Uranium	238-1	120	63	70	84	36.68	cps

LB Number :	LB128745	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-12-11 17:47:16	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	40	10	22	70.88	cps
Ytterbium	172-1	90	83	90	88	4.39	cps
Ytterbium	172-2	27	33	37	32	15.80	cps
Ytterbium	176-1	1157	1110	1080	1116	3.46	cps
Ytterbium	176-2	14348	14338	14405	14363	0.25	cps
Yttrium	89-1	12415935	11175599	12076419	11889318	5.39	cps
Yttrium	89-2	1287795	1280184	1283246	1283742	0.30	cps
Zinc	66-2	500	533	437	490	10.02	cps
Zirconium	90-1	527	507	1407	814	63.22	cps
Zirconium	91-1	103	103	253	153	56.49	cps