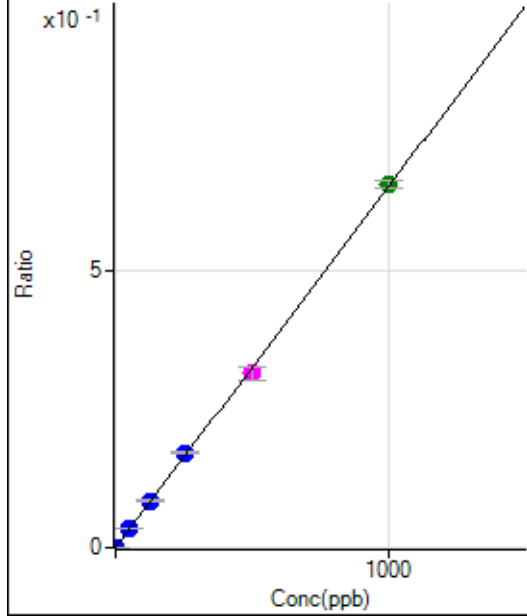


Calibration for 019\CSB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121622-MS.b\
 Analysis File: P7121622-MS.batch.bin
 DA Date-Time: 2022-12-19 15:09:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-16 14:40:19
2	005CALS.d	S02	2022-12-16 14:43:12
3	006CALS.d	S03	2022-12-16 14:46:06
4	007CALS.d	S04	2022-12-16 14:48:51
5	008CALS.d	S05	2022-12-16 14:51:38
6	009CALS.d	S06	2022-12-16 14:54:22
7	010CALS.d	S07	2022-12-16 14:57:10
8	011CALS.d	S08	2022-12-16 14:59:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0000	P	8.0
2	☐	1.000	1.058	2475.77	0.0007	P	6.2
3	☐	50.000	54.802	119336.83	0.0358	P	0.3
4	☐	125.000	128.140	281756.18	0.0836	P	4.3
5	☐	250.000	262.015	541642.44	0.1709	P	1.9
6	☐	500.000	482.562	1021167.04	0.3146	M	7.9
7	☐	1000.000	1005.083	1990739.85	0.6553	A	2.0
8	☐			831.14	0.0003	P	17.3

$$y = 6.5198\text{E-}004 * x + 2.6954\text{E-}005$$

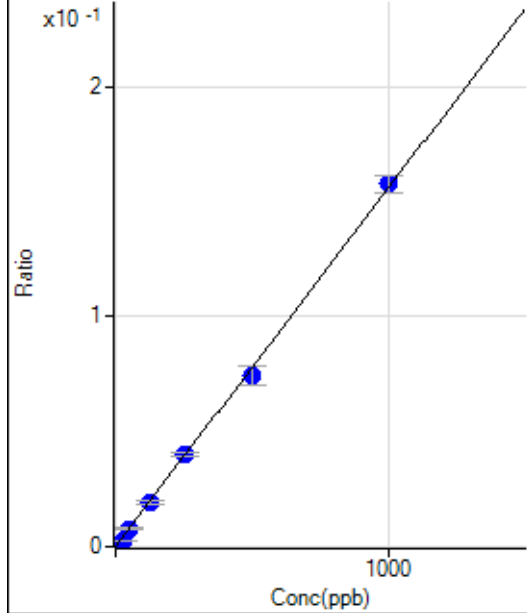
$$R = 0.9997$$

$$DL = 0.009972$$

$$BEC = 0.04134$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.46	0.0001	P	11.0
2	☐	25.000	16.300	9105.69	0.0026	P	12.6
3	☐	50.000	49.130	25894.46	0.0078	P	8.0
4	☐	125.000	120.246	63508.97	0.0188	P	8.5
5	☐	250.000	255.195	126437.11	0.0399	P	4.9
6	☐	500.000	476.806	241247.99	0.0744	P	10.6
7	☐	1000.000	1011.153	478932.66	0.1577	P	4.7
8	☐			22208.19	0.0087	P	18.0

$$y = 1.5583\text{E-}004 * x + 1.0321\text{E-}004$$

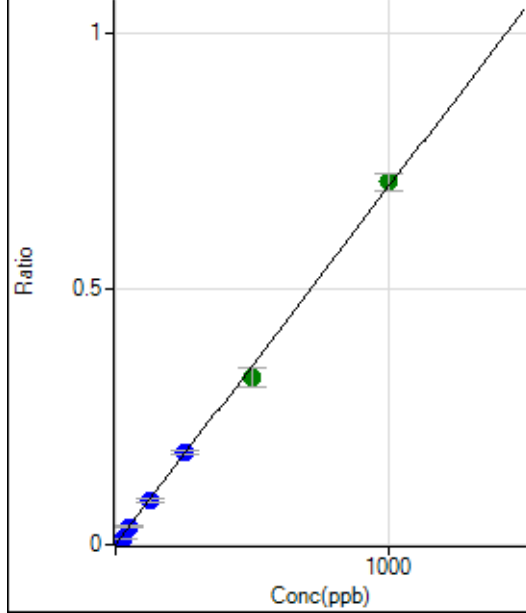
$$R = 0.9996$$

$$DL = 0.218$$

$$BEC = 0.6623$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1541.78	0.0005	P	3.8
2	☐	25.000	16.460	41256.03	0.0120	P	14.5
3	☐	50.000	50.363	119214.84	0.0357	P	7.5
4	☐	125.000	121.482	288220.88	0.0855	P	8.5
5	☐	250.000	257.794	573789.62	0.1810	P	3.6
6	☐	500.000	469.549	1067121.17	0.3292	A	11.5
7	☐	1000.000	1013.912	2157700.29	0.7103	A	4.8
8	☐			102349.03	0.0399	P	20.4

$$y = 7.0014\text{E-}004 * x + 4.6158\text{E-}004$$

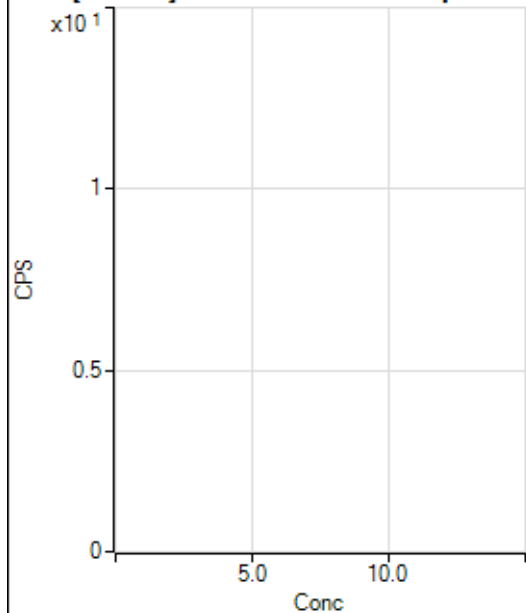
$$R = 0.9993$$

$$DL = 0.07435$$

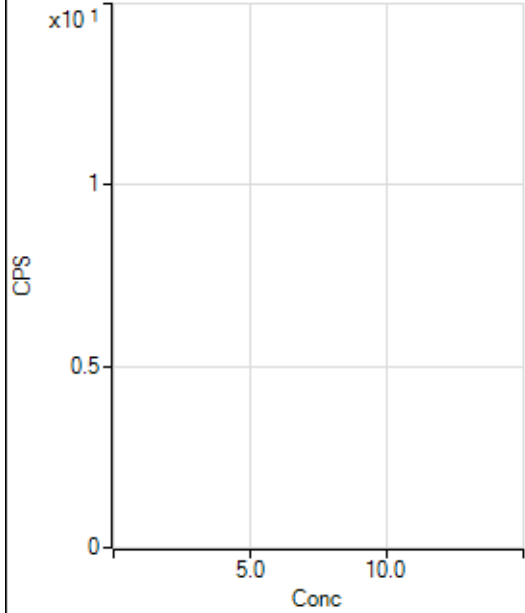
$$BEC = 0.6593$$

Weight: <None>

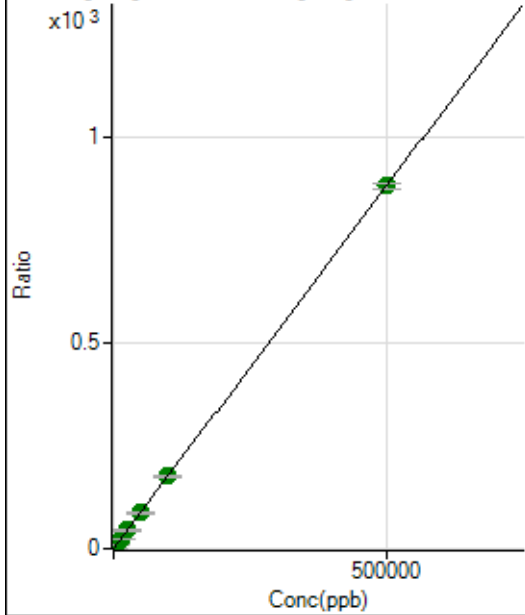
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12996.35	0.0353	P	1.0
2	☐	500.000	477.368	326038.06	0.8770	P	1.3
3	☐	5000.000	4969.064	3217766.74	8.7968	A	0.7
4	☐	12500.000	12493.561	7730204.63	22.0642	A	1.1
5	☐	25000.000	25228.710	15016540.73	44.5191	A	0.8
6	☐	50000.000	49271.832	29083830.28	86.9126	A	2.4
7	☐	100000.00	99856.675	57479674.43	176.1050	A	1.5
8	☐	500000.00	500090.53	280194117.3	881.8072	A	1.8

$$y = 0.0018 * x + 0.0353$$

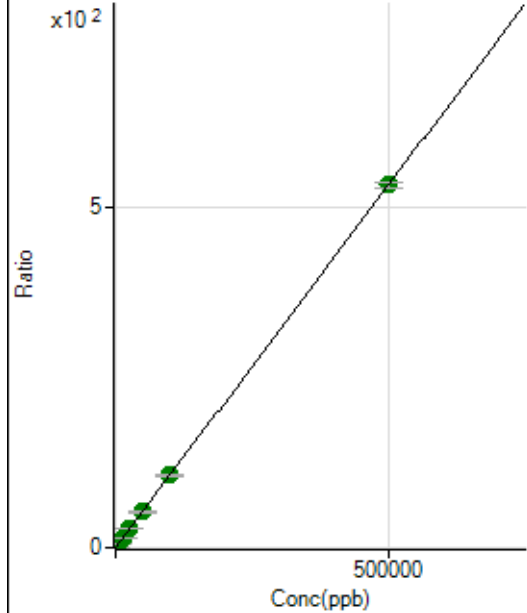
$$R = 1.0000$$

$$DL = 0.5749$$

$$BEC = 20$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.34	0.0009	P	10.5
2	☐	500.000	482.784	191791.11	0.5159	P	1.4
3	☐	5000.000	5106.449	1992715.38	5.4479	A	1.6
4	☐	12500.000	12668.441	4734751.67	13.5142	A	0.8
5	☐	25000.000	25439.613	9153637.94	27.1371	A	1.0
6	☐	50000.000	49569.763	17690608.96	52.8765	A	3.7
7	☐	100000.00	99681.997	34706841.98	106.3308	A	1.2
8	☐	500000.00	500079.38	169497279.7	533.4311	A	1.9

$$y = 0.0011 * x + 9.0554E-004$$

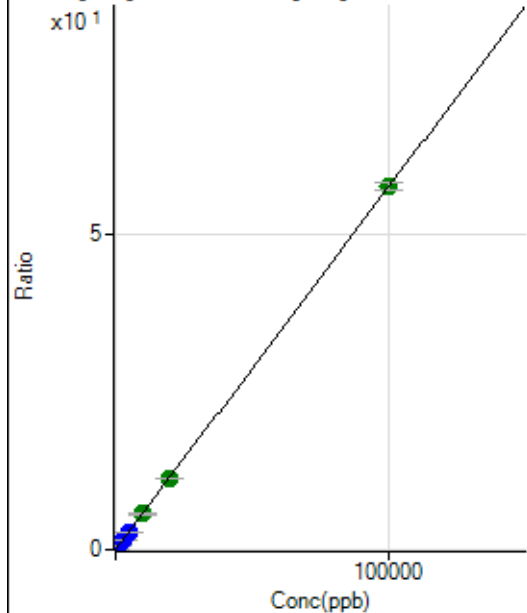
$$R = 1.0000$$

$$DL = 0.2669$$

$$BEC = 0.8489$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0002	P	20.9
2	☐	20.000	19.043	4158.05	0.0112	P	3.3
3	☐	1000.000	983.969	207482.73	0.5672	P	1.6
4	☐	2500.000	2445.098	493718.16	1.4092	P	0.5
5	☐	5000.000	4913.401	955077.95	2.8315	P	0.3
6	☐	10000.000	9823.341	1894442.68	5.6608	A	1.9
7	☐	20000.000	19793.532	3723023.75	11.4060	A	0.6
8	☐	100000.00	100064.82	18321277.03	57.6615	A	2.0

$$y = 5.7624E-004 * x + 2.1158E-004$$

$$R = 1.0000$$

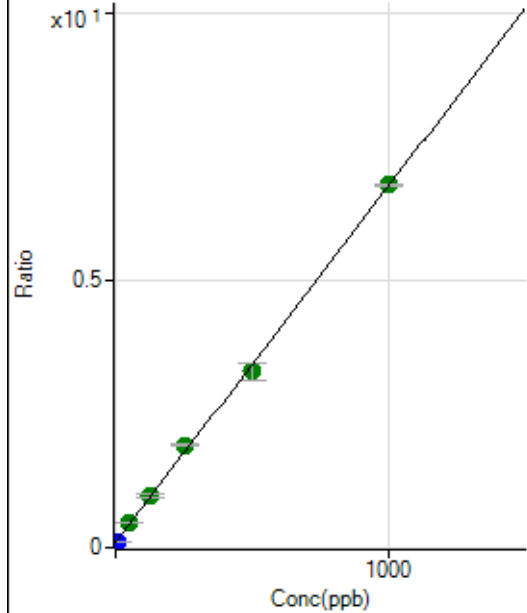
$$DL = 0.23$$

$$BEC = 0.3672$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	491185.34	0.0975	P	1.2
2	☐	10.000	1.269	546635.23	0.1059	P	4.3
3	☐	50.000	55.939	2330898.92	0.4697	A	0.4
4	☐	125.000	131.265	4735505.27	0.9711	A	4.0
5	☐	250.000	272.796	8629535.17	1.9130	A	1.3
6	☐	500.000	479.765	15556489.93	3.2904	A	9.6
7	☐	1000.000	1003.426	30094604.14	6.7755	A	0.6
8	☐			832502.31	0.2045	P	10.2

$$y = 0.0067 * x + 0.0975$$

$$R = 0.9993$$

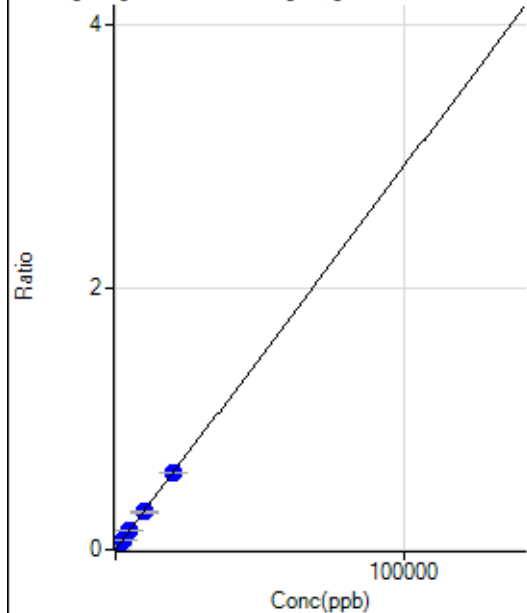
$$DL = 0.5268$$

$$BEC = 14.64$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-2.821	441.69	0.0012	P	16.5
2	☐	0.000	2.821	505.58	0.0014	P	17.1
3	☐	1000.000	1017.862	11321.08	0.0309	P	2.2
4	☐	2500.000	2533.610	26320.48	0.0751	P	1.9
5	☐	5000.000	5028.862	49876.29	0.1479	P	2.0
6	☐	10000.000	9819.789	96199.24	0.2875	P	3.1
7	☐	20000.000	20077.796	191445.68	0.5865	P	1.0
8	☐			380.57	0.0012	P	2.9

$$y = 2.9149E-005 * x + 0.0013$$

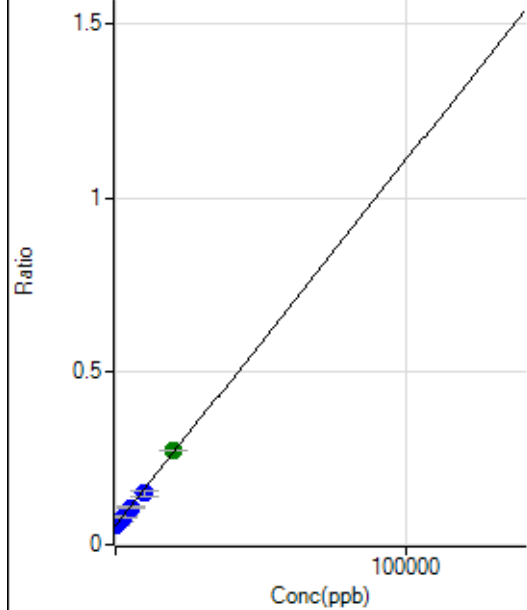
$$R = 0.9999$$

$$DL = 22.11$$

$$BEC = 43.86$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	18.132	277960.16	0.0552	P	1.4
2	☐	0.000	-18.132	282568.22	0.0548	P	5.6
3	☐	1000.000	1130.126	331834.27	0.0669	P	1.8
4	☐	2500.000	2348.175	388879.25	0.0797	P	2.4
5	☐	5000.000	5026.924	487094.76	0.1080	P	1.0
6	☐	10000.000	8772.435	697672.45	0.1475	P	8.5
7	☐	20000.000	20619.523	1210079.54	0.2724	A	0.5
8	☐			238463.93	0.0585	P	6.7

$$y = 1.0547E-005 * x + 0.0550$$

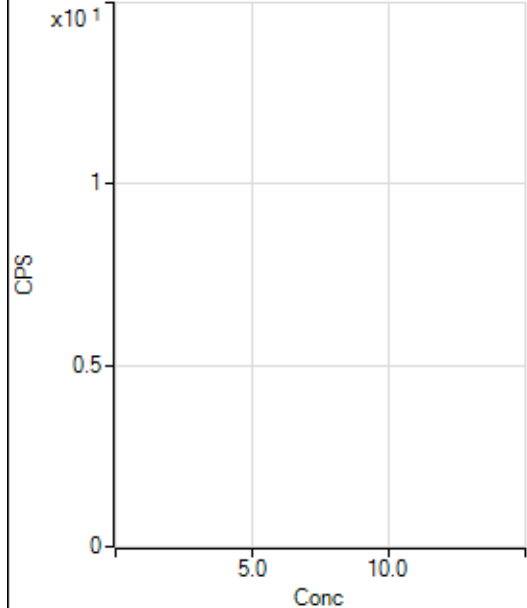
R = 0.9972

DL = 551.9

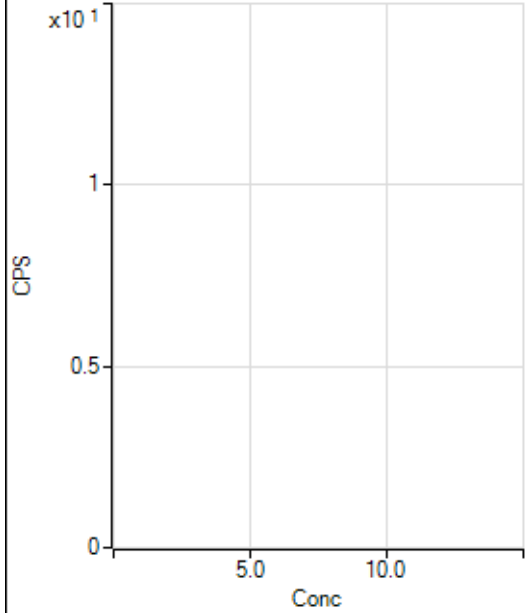
BEC = 5211

Weight: <None>

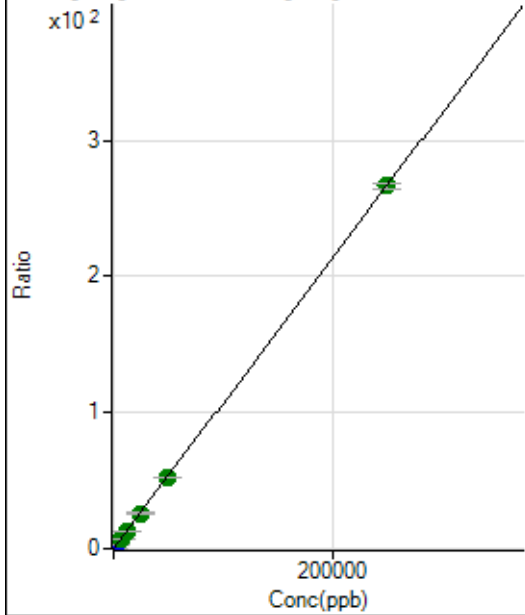
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41869.40	0.1136	P	2.2
2	☐	500.000	501.738	240686.39	0.6474	P	1.2
3	☐	2500.000	2623.026	1062271.46	2.9040	P	0.9
4	☐	6250.000	6088.443	2309368.11	6.5906	A	1.7
5	☐	12500.000	12218.758	4422857.96	13.1122	A	0.7
6	☐	25000.000	24178.437	8645149.76	25.8351	A	2.4
7	☐	50000.000	48964.622	17039310.45	52.2030	A	0.9
8	☐	250000.00	250306.09	84644406.75	266.3936	A	1.9

$$y = 0.0011 * x + 0.1136$$

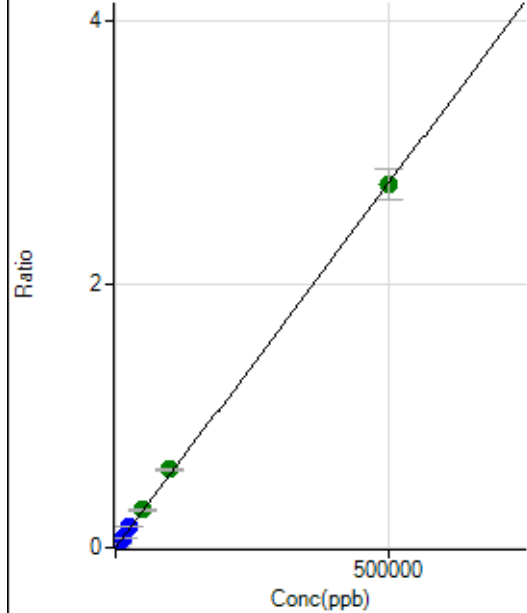
$$R = 1.0000$$

$$DL = 7.176$$

$$BEC = 106.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	24.9
2	☐	500.000	478.871	13795.55	0.0027	P	6.9
3	☐	5000.000	5734.868	157591.51	0.0318	P	0.7
4	☐	12500.000	13948.336	376533.40	0.0772	P	4.0
5	☐	25000.000	29005.288	724109.27	0.1605	P	1.5
6	☐	50000.000	51805.283	1356584.94	0.2867	A	8.1
7	☐	100000.00	107968.01	2653545.02	0.5975	A	2.8
8	☐	500000.00	497982.06	11226386.02	2.7556	A	8.4

$$y = 5.5335E-006 * x + 2.5295E-005$$

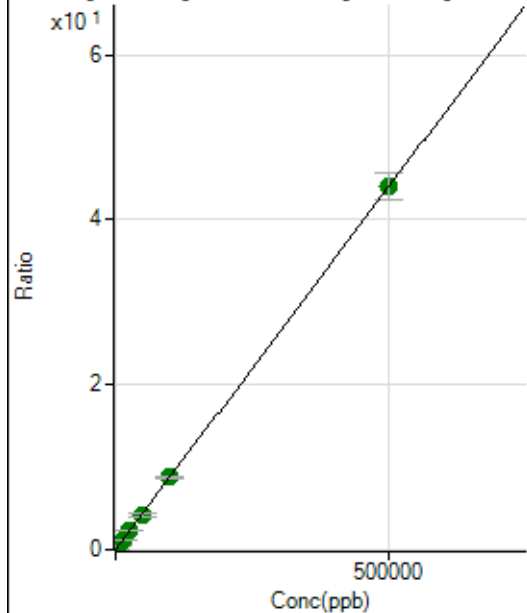
$$R = 0.9999$$

$$DL = 3.412$$

$$BEC = 4.571$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7085.24	0.0014	P	4.2
2	☐	500.000	475.613	222972.11	0.0432	P	5.8
3	☐	5000.000	5222.192	2285228.91	0.4605	A	1.1
4	☐	12500.000	12609.422	5413113.14	1.1100	A	4.0
5	☐	25000.000	25923.848	10288102.05	2.2805	A	1.3
6	☐	50000.000	47391.775	19709629.43	4.1678	A	9.1
7	☐	100000.00	100231.46	39143121.71	8.8132	A	1.9
8	☐	500000.00	500163.40	179212177.6	43.9729	A	7.6

$$y = 8.7914E-005 * x + 0.0014$$

$$R = 1.0000$$

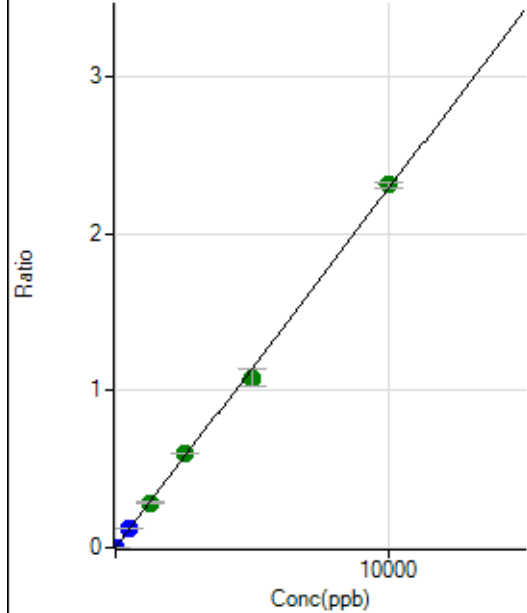
$$DL = 2.013$$

$$BEC = 15.99$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	25.9
2	☐	5.000	5.089	6129.18	0.0012	P	10.5
3	☐	500.000	512.898	582170.23	0.1173	P	0.2
4	☐	1250.000	1246.375	1390296.92	0.2851	A	3.2
5	☐	2500.000	2612.499	2695532.91	0.5975	A	0.7
6	☐	5000.000	4732.235	5116361.83	1.0822	A	9.7
7	☐	10000.000	10105.566	10264593.20	2.3111	A	1.6
8	☐			3900.60	0.0010	P	22.8

$$y = 2.2869E-004 * x + 2.5908E-005$$

$$R = 0.9994$$

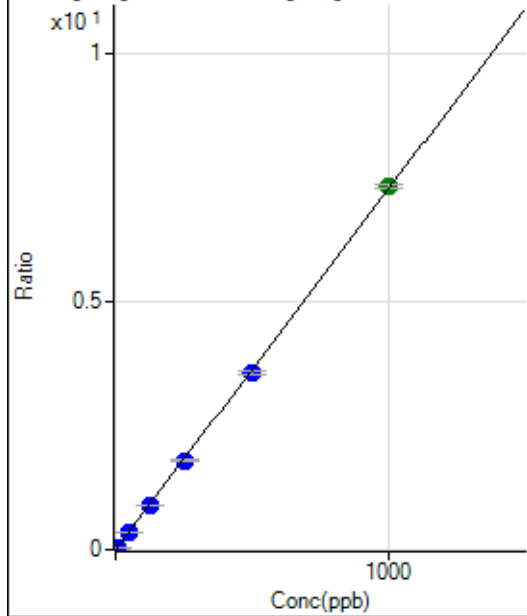
$$DL = 0.08804$$

$$BEC = 0.1133$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	17.0
2	☐	5.000	4.834	13070.18	0.0352	P	0.4
3	☐	50.000	49.191	130736.85	0.3574	P	0.9
4	☐	125.000	122.803	312599.36	0.8922	P	0.5
5	☐	250.000	247.377	606231.95	1.7973	P	0.4
6	☐	500.000	490.705	1192927.27	3.5651	P	2.7
7	☐	1000.000	1005.619	2384720.43	7.3061	A	1.0
8	☐			683.36	0.0021	P	9.8

$$y = 0.0073 * x + 3.0140E-005$$

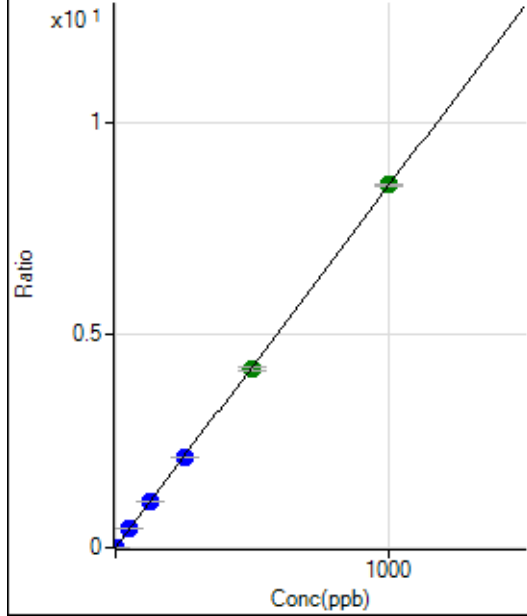
$$R = 0.9999$$

$$DL = 0.002121$$

$$BEC = 0.004149$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	833.36	0.0023	P	5.0
2	☐	2.000	1.948	7000.57	0.0188	P	2.9
3	☐	50.000	50.622	158333.38	0.4329	P	0.7
4	☐	125.000	125.679	375336.82	1.0713	P	0.4
5	☐	250.000	251.655	722784.42	2.1428	P	0.3
6	☐	500.000	492.546	1402782.74	4.1918	A	2.2
7	☐	1000.000	1003.198	2786048.22	8.5354	A	0.6
8	☐			17969.69	0.0565	P	0.8

$$y = 0.0085 * x + 0.0023$$

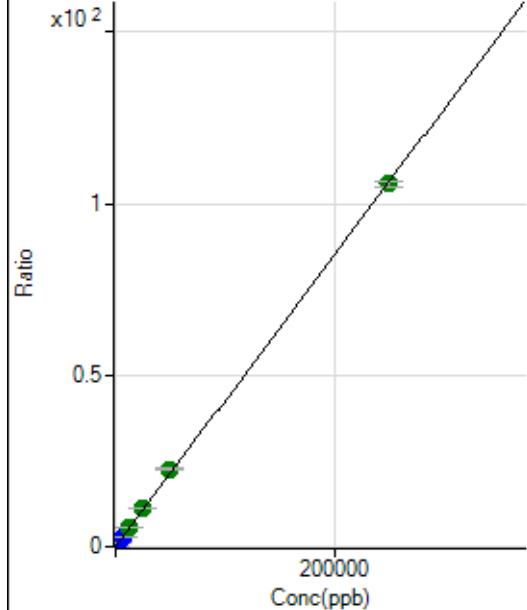
$$R = 1.0000$$

$$DL = 0.04008$$

$$BEC = 0.2658$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1751.91	0.0048	P	2.9
2	☐	50.000	55.196	10481.13	0.0282	P	2.8
3	☐	2500.000	2809.637	437957.20	1.1973	P	0.7
4	☐	6250.000	6977.095	1039210.02	2.9662	P	0.8
5	☐	12500.000	13627.375	1952618.26	5.7889	A	0.5
6	☐	25000.000	26695.191	3793041.87	11.3356	A	2.7
7	☐	50000.000	53146.722	7364822.69	22.5629	A	1.3
8	☐	250000.00	249123.49	33600785.02	105.7455	A	1.7

$$y = 4.2445E-004 * x + 0.0048$$

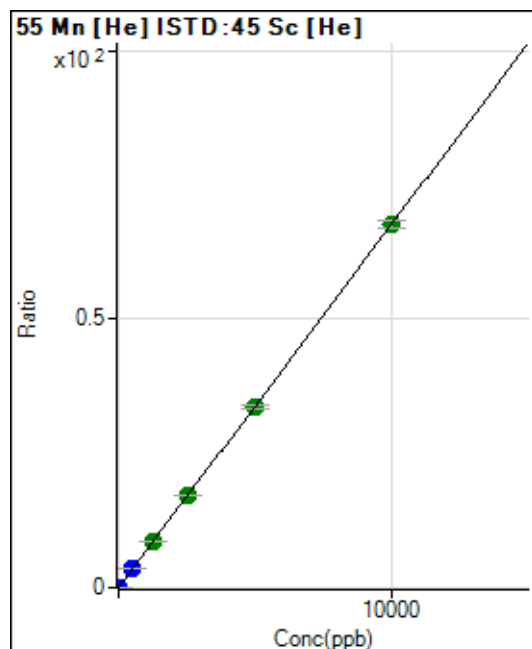
$$R = 0.9999$$

$$DL = 0.9866$$

$$BEC = 11.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.33	0.0003	P	9.6
2	☐	1.000	1.064	2770.28	0.0074	P	2.3
3	☐	500.000	508.527	1258416.67	3.4403	P	0.7
4	☐	1250.000	1266.770	3002377.94	8.5696	A	0.9
5	☐	2500.000	2531.223	5775649.91	17.1233	A	1.2
6	☐	5000.000	5001.607	11322622.19	33.8349	A	2.1
7	☐	10000.000	9988.868	22055756.61	67.5724	A	2.1
8	☐			22884.15	0.0720	P	0.2

$$y = 0.0068 * x + 2.5329E-004$$

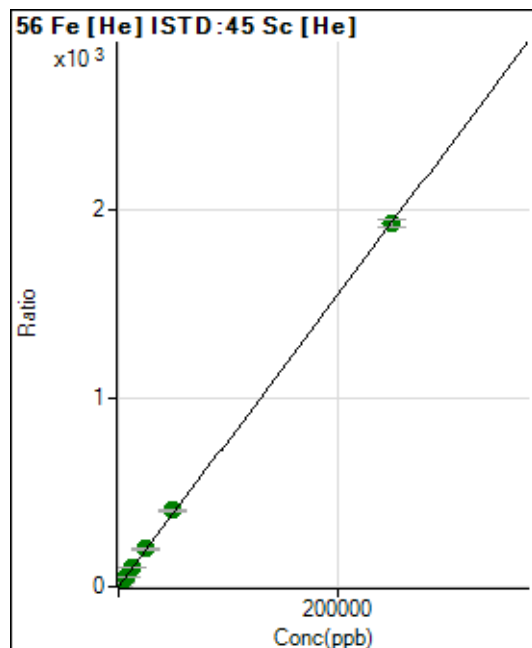
$$R = 1.0000$$

$$DL = 0.01075$$

$$BEC = 0.03744$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9805.20	0.0266	P	1.2
2	☐	50.000	53.404	162856.84	0.4380	P	1.1
3	☐	2500.000	2671.507	7538463.07	20.6085	A	0.8
4	☐	6250.000	6657.515	17978940.22	51.3176	A	1.1
5	☐	12500.000	13407.961	34852014.44	103.3246	A	0.4
6	☐	25000.000	26008.466	67044792.24	200.4017	A	3.9
7	☐	50000.000	52251.123	131407183.4	402.5810	A	0.7
8	☐	250000.00	249391.62	610505791.4	1,921.395	A	2.1

$$y = 0.0077 * x + 0.0266$$

$$R = 1.0000$$

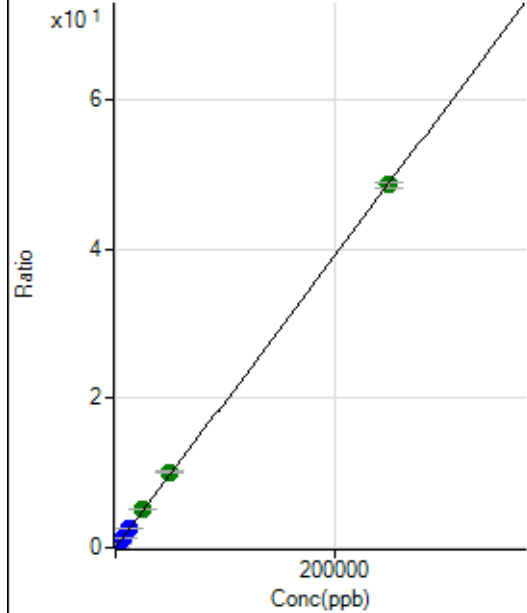
$$DL = 0.125$$

$$BEC = 3.453$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0006	P	12.7
2	☐	50.000	56.339	4313.65	0.0116	P	1.5
3	☐	2500.000	2708.475	193658.98	0.5294	P	0.4
4	☐	6250.000	6729.542	460549.87	1.3145	P	0.6
5	☐	12500.000	13487.724	888467.17	2.6340	P	0.2
6	☐	25000.000	26420.957	1726267.16	5.1592	A	2.9
7	☐	50000.000	52177.228	3325407.68	10.1880	A	0.8
8	☐	250000.00	249358.99	15470493.64	48.6869	A	1.7

$$y = 1.9525E-004 * x + 6.0274E-004$$

$$R = 1.0000$$

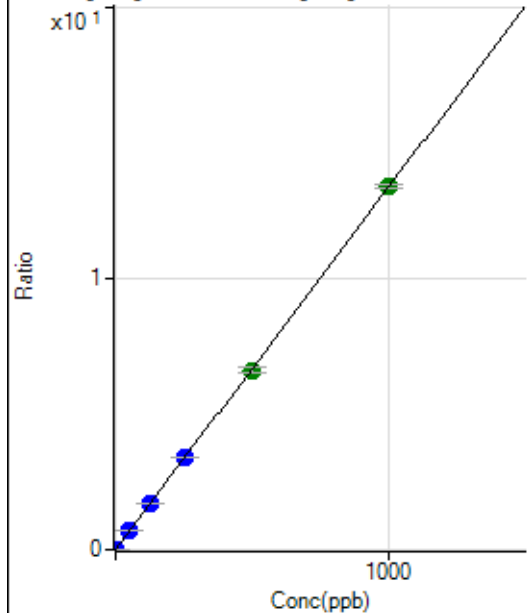
$$DL = 1.177$$

$$BEC = 3.087$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0001	P	14.4
2	☐	1.000	1.025	5149.82	0.0139	P	1.3
3	☐	50.000	51.194	250734.90	0.6855	P	1.0
4	☐	125.000	126.347	592657.04	1.6916	P	0.5
5	☐	250.000	252.370	1139637.34	3.3786	P	0.2
6	☐	500.000	495.890	2221274.72	6.6387	A	3.1
7	☐	1000.000	1001.235	4374992.12	13.4038	A	1.1
8	☐			5402.13	0.0170	P	3.2

$$y = 0.0134 * x + 1.2964E-004$$

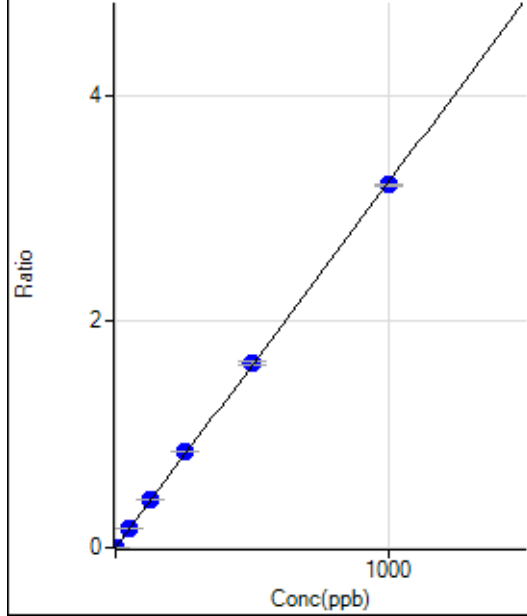
$$R = 1.0000$$

$$DL = 0.004192$$

$$BEC = 0.009684$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.56	0.0003	P	10.1
2	☐	1.000	1.025	1357.85	0.0037	P	4.2
3	☐	50.000	53.787	63650.92	0.1740	P	1.6
4	☐	125.000	132.498	150004.53	0.4281	P	0.9
5	☐	250.000	261.989	285443.42	0.8462	P	0.4
6	☐	500.000	505.387	546128.91	1.6321	P	2.6
7	☐	1000.000	993.183	1046828.71	3.2071	P	0.8
8	☐			3792.74	0.0119	P	2.8

$$y = 0.0032 * x + 3.4073E-004$$

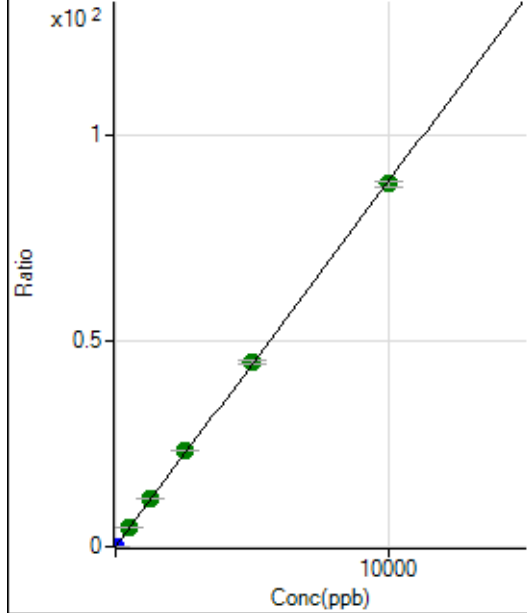
$$R = 0.9999$$

$$DL = 0.03197$$

$$BEC = 0.1055$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1076.71	0.0029	P	5.6
2	☐	2.000	2.108	8057.78	0.0217	P	2.0
3	☐	500.000	538.485	1753086.19	4.7923	A	2.8
4	☐	1250.000	1322.315	4121560.04	11.7637	A	0.4
5	☐	2500.000	2614.866	7845730.78	23.2598	A	0.4
6	☐	5000.000	5060.265	15061717.69	45.0094	A	2.3
7	☐	10000.000	9930.187	28828448.74	88.3230	A	1.9
8	☐			7371.88	0.0232	P	0.5

$$y = 0.0089 * x + 0.0029$$

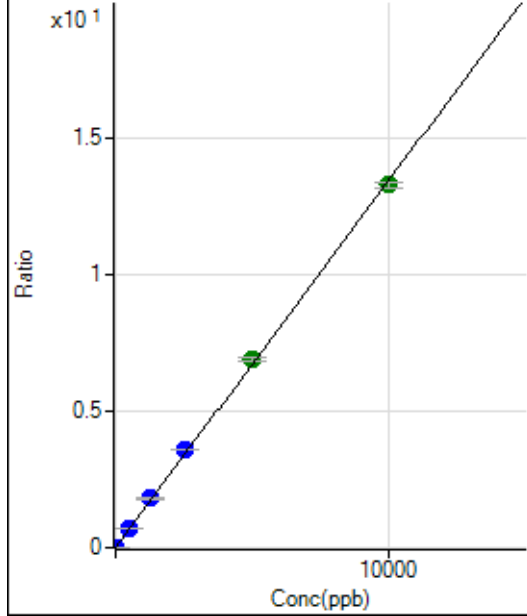
$$R = 0.9999$$

$$DL = 0.05477$$

$$BEC = 0.3283$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	325.56	0.0009	P	10.5
2	☐	2.000	2.312	1484.53	0.0040	P	2.5
3	☐	500.000	543.995	267789.01	0.7321	P	0.2
4	☐	1250.000	1341.333	631971.64	1.8038	P	0.8
5	☐	2500.000	2657.912	1205356.77	3.5734	P	0.6
6	☐	5000.000	5114.643	2300891.25	6.8756	A	2.0
7	☐	10000.000	9889.584	4338963.41	13.2937	A	1.6
8	☐			3188.15	0.0100	P	3.4

$$y = 0.0013 * x + 8.8410E-004$$

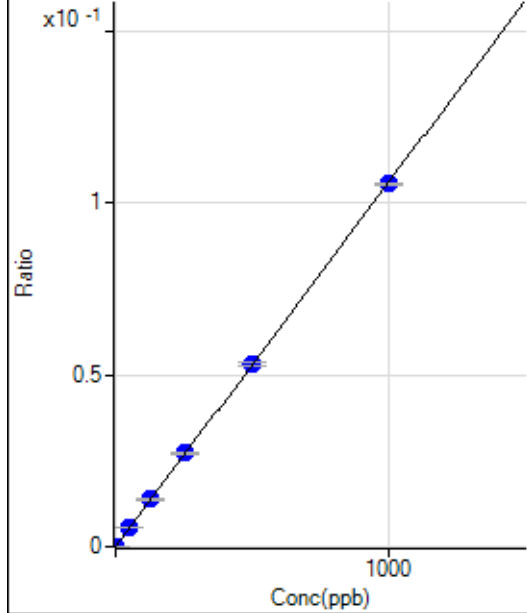
$$R = 0.9997$$

$$DL = 0.2072$$

$$BEC = 0.6578$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	1.000	1.165	357.41	0.0001	P	2.3
3	☐	50.000	52.924	15886.92	0.0056	P	0.6
4	☐	125.000	130.022	37568.87	0.0138	P	1.0
5	☐	250.000	256.990	72235.95	0.0272	P	1.2
6	☐	500.000	502.219	140321.50	0.0532	P	2.2
7	☐	1000.000	996.369	273049.11	0.1055	P	0.7
8	☐			94.44	0.0000	P	10.6

$$y = 1.0593E-004 * x + 2.1906E-007$$

$$R = 1.0000$$

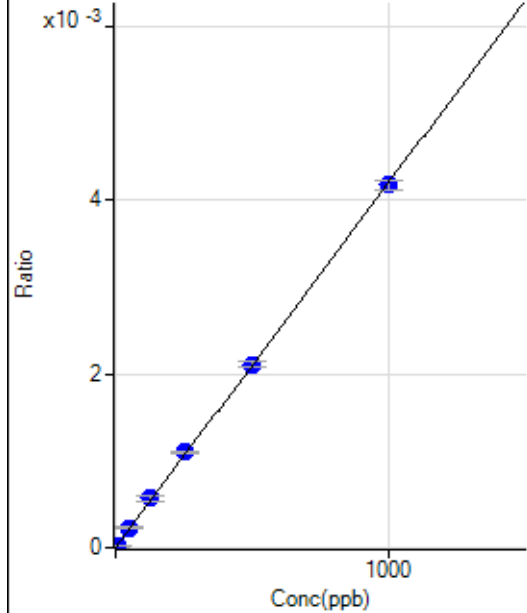
$$DL = 0.01075$$

$$BEC = 0.002068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.225	76.67	0.0000	P	9.0
3	☐	50.000	53.302	635.58	0.0002	P	8.8
4	☐	125.000	134.891	1545.65	0.0006	P	8.8
5	☐	250.000	261.557	2915.87	0.0011	P	1.6
6	☐	500.000	502.459	5566.65	0.0021	P	2.7
7	☐	1000.000	994.474	10805.12	0.0042	P	2.5
8	☐			2.22	0.0000	P	86.6

$$y = 4.1997\text{E-}006 * x + 3.8347\text{E-}007$$

$$R = 0.9999$$

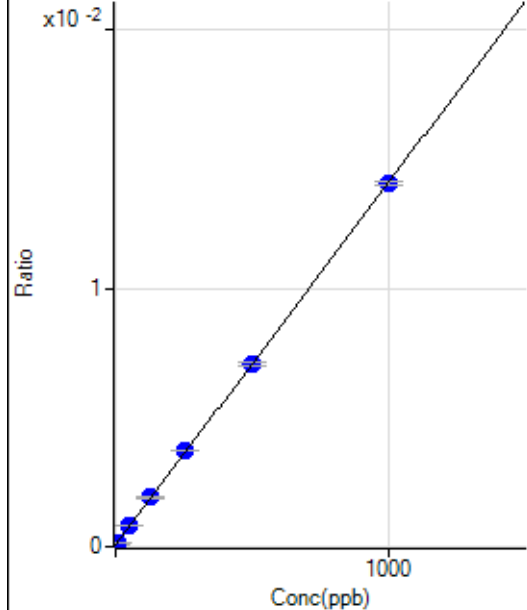
$$DL = 0.4745$$

$$BEC = 0.09131$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	178.40	0.0001	P	4.9
2	☐	5.000	4.951	380.87	0.0001	P	2.9
3	☐	50.000	52.766	2273.64	0.0008	P	2.2
4	☐	125.000	131.099	5184.88	0.0019	P	4.6
5	☐	250.000	261.490	9898.40	0.0037	P	1.1
6	☐	500.000	499.441	18641.97	0.0071	P	2.2
7	☐	1000.000	996.506	36321.47	0.0140	P	1.1
8	☐			180.87	0.0001	P	4.3

$$y = 1.4026\text{E-}005 * x + 6.2332\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.6479$$

$$BEC = 4.444$$

Weight: <None>

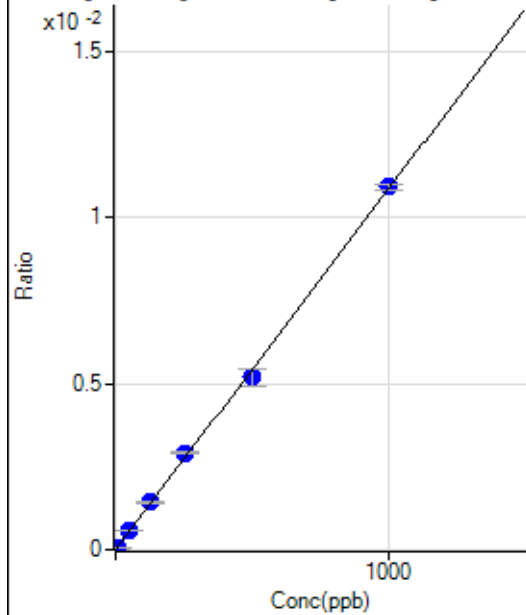
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71183.96		P	1.4
2	☐			68853.69		P	2.1
3	☐			68541.08		P	2.6
4	☐			64349.90		P	2.1
5	☐			59878.23		P	0.2
6	☐			59749.58		P	1.2
7	☐			59707.82		P	1.0
8	☐			59830.28		P	1.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.77		P	36.3
2	☐			106.78		P	43.3
3	☐			63.40		P	39.7
4	☐			120.13		P	22.1
5	☐			46.71		P	32.7
6	☐			143.48		P	21.3
7	☐			96.77		P	43.1
8	☐			126.80		P	12.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.65	0.0000	P	97.9
2	☐	5.000	5.103	800.94	0.0001	P	1.4
3	☐	50.000	53.852	7565.94	0.0006	P	1.5
4	☐	125.000	130.535	18239.58	0.0014	P	4.4
5	☐	250.000	266.836	34825.49	0.0029	P	1.7
6	☐	500.000	478.489	65816.56	0.0052	P	9.6
7	☐	1000.000	1005.661	128436.54	0.0109	P	1.9
8	☐			272.52	0.0000	P	25.4

$$y = 1.0856E-005 * x + 3.5451E-006$$

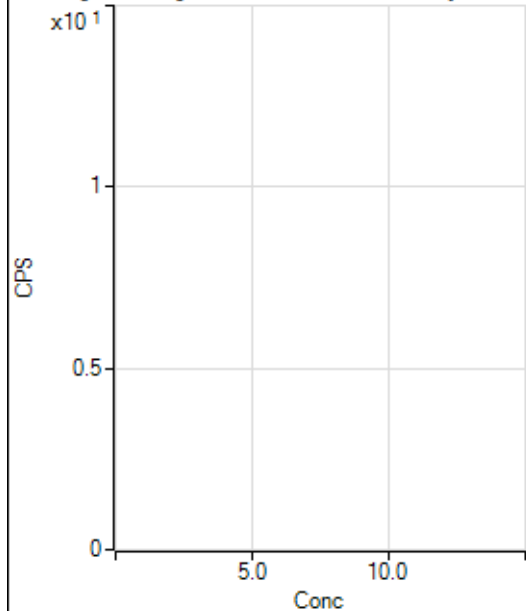
$$R = 0.9995$$

$$DL = 0.9596$$

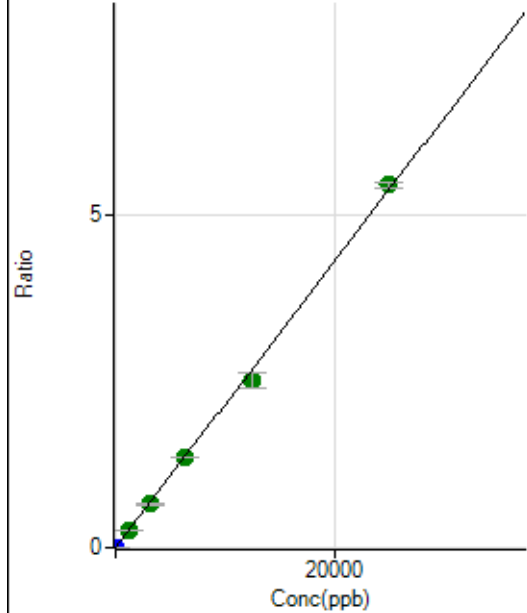
$$BEC = 0.3266$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			173.34		P	12.6
2	☐			171.12		P	7.9
3	☐			167.78		P	8.0
4	☐			164.45		P	20.4
5	☐			158.89		P	14.0
6	☐			176.67		P	13.6
7	☐			198.89		P	14.1
8	☐			204.45		P	9.6

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	11.5
2	☐	1.000	0.983	3142.08	0.0002	P	8.0
3	☐	1250.000	1266.882	3492394.09	0.2715	A	0.7
4	☐	3125.000	3075.145	8461211.04	0.6589	A	3.7
5	☐	6250.000	6363.044	16371463.39	1.3634	A	0.7
6	☐	12500.000	11679.342	31685708.69	2.5024	A	9.7
7	☐	25000.000	25387.456	63973603.51	5.4396	A	1.8
8	☐			26129.72	0.0025	P	23.8

$$y = 2.1426E-004 * x + 2.1037E-005$$

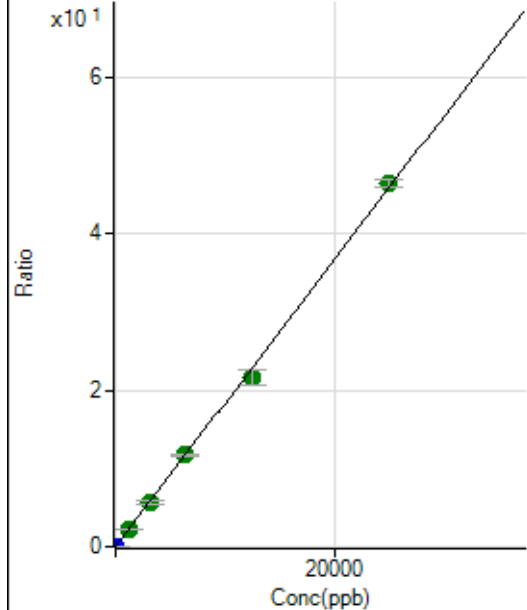
$$R = 0.9992$$

$$DL = 0.03388$$

$$BEC = 0.09818$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	18.4
2	☐	1.000	0.951	23808.78	0.0018	P	5.8
3	☐	1250.000	1271.608	29992544.07	2.3314	A	0.5
4	☐	3125.000	3102.863	73016864.13	5.6888	A	6.1
5	☐	6250.000	6399.678	140894965.6	11.7331	A	0.8
6	☐	12500.000	11792.653	273871850.5	21.6205	A	8.8
7	☐	25000.000	25317.941	545895089.9	46.4176	A	2.1
8	☐			222565.68	0.0212	P	21.9

$$y = 0.0018 * x + 1.2257E-005$$

$$R = 0.9994$$

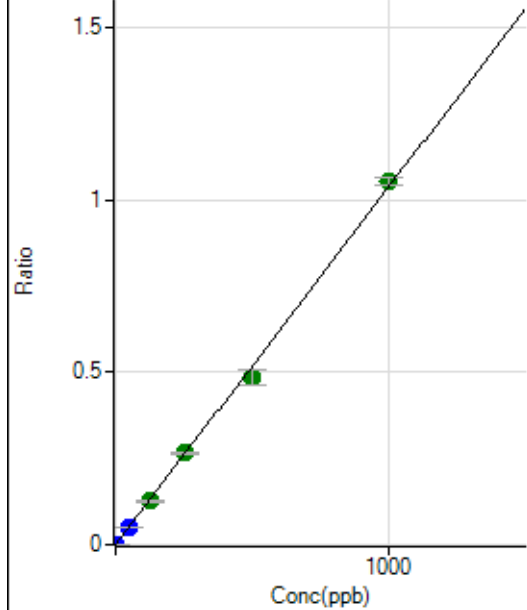
$$DL = 0.003694$$

$$BEC = 0.006686$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.14	0.0000	P	5.2
2	☐	1.000	0.936	13726.17	0.0010	P	6.3
3	☐	50.000	49.998	667755.36	0.0519	P	1.5
4	☐	125.000	122.016	1625289.47	0.1266	A	6.0
5	☐	250.000	255.663	3185178.93	0.2653	A	0.9
6	☐	500.000	467.208	6138221.19	0.4847	A	9.4
7	☐	1000.000	1015.353	12388453.67	1.0534	A	2.3
8	☐			5162.18	0.0005	P	25.4

$$y = 0.0010 * x + 4.0741E-005$$

$$R = 0.9992$$

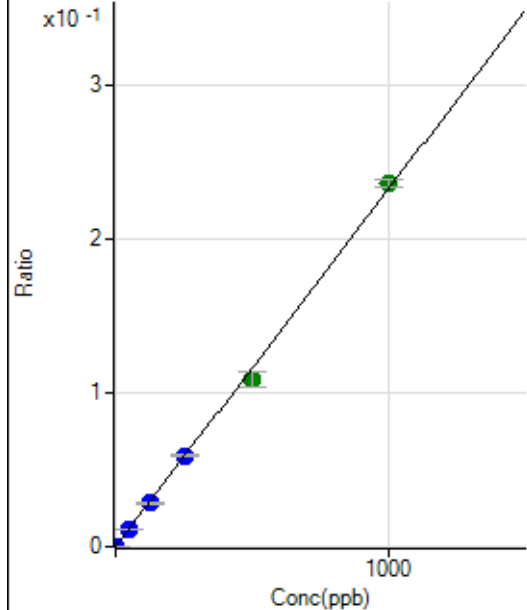
$$DL = 0.006117$$

$$BEC = 0.03927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	2.0
2	☐	1.000	0.951	3100.41	0.0002	P	4.7
3	☐	50.000	49.987	149476.67	0.0116	P	2.2
4	☐	125.000	121.990	363894.38	0.0283	P	5.7
5	☐	250.000	255.179	711975.26	0.0593	P	1.1
6	☐	500.000	468.760	1379057.41	0.1089	A	9.6
7	☐	1000.000	1014.702	2772455.75	0.2357	A	2.3
8	☐			1130.64	0.0001	P	27.1

$$y = 2.3232E-004 * x + 7.1667E-006$$

$$R = 0.9993$$

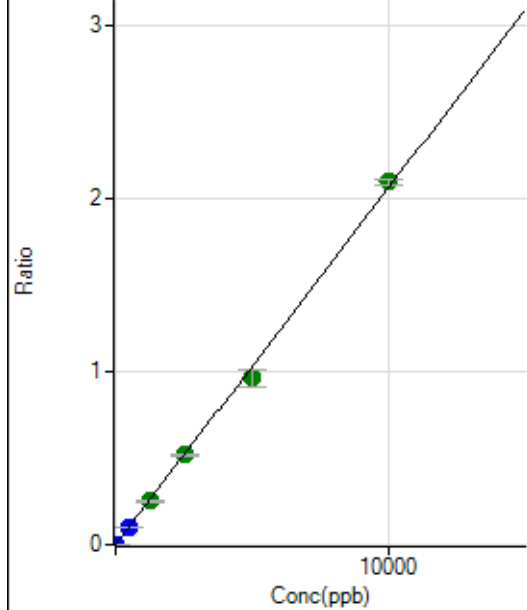
$$DL = 0.001819$$

$$BEC = 0.03085$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	30.9
2	☐	5.000	5.731	16164.87	0.0012	P	7.8
3	☐	500.000	505.566	1341940.19	0.1043	P	2.3
4	☐	1250.000	1222.513	3237626.37	0.2522	A	6.2
5	☐	2500.000	2521.728	6248153.74	0.5203	A	1.9
6	☐	5000.000	4663.648	12184516.68	0.9622	A	9.6
7	☐	10000.000	10165.901	24668354.02	2.0975	A	1.8
8	☐			11510.44	0.0011	P	22.4

$$y = 2.0633\text{E-}004 * x + 9.9669\text{E-}006$$

$$R = 0.9992$$

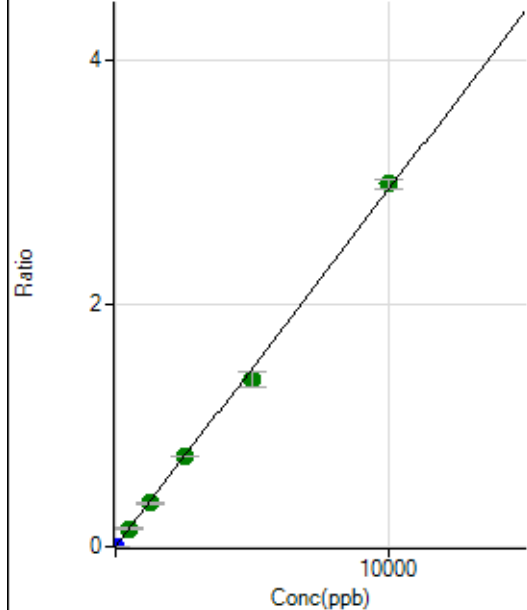
$$DL = 0.04479$$

$$BEC = 0.04831$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	44.2
2	☐	5.000	4.875	19491.21	0.0014	P	6.3
3	☐	500.000	510.500	1930912.58	0.1501	A	2.6
4	☐	1250.000	1232.961	4654406.61	0.3625	A	4.9
5	☐	2500.000	2529.461	8931114.35	0.7437	A	1.2
6	☐	5000.000	4666.118	17374465.32	1.3720	A	9.4
7	☐	10000.000	10161.181	35137068.15	2.9877	A	2.4
8	☐			15063.81	0.0014	P	21.7

$$y = 2.9403\text{E-}004 * x + 3.3450\text{E-}006$$

$$R = 0.9992$$

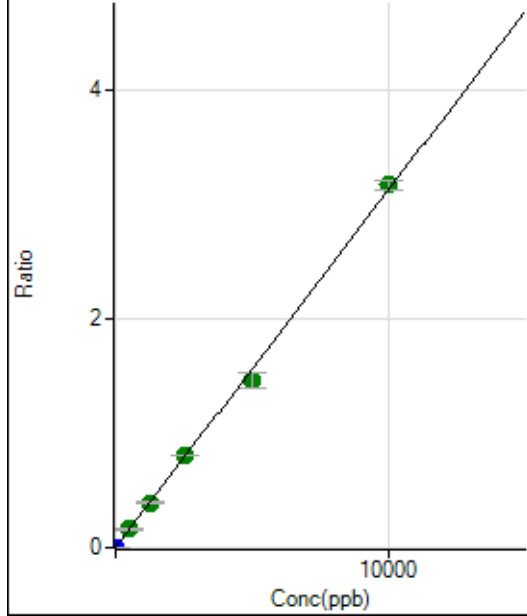
$$DL = 0.01508$$

$$BEC = 0.01138$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	22.9
2	☐	5.000	4.907	20957.20	0.0015	P	5.9
3	☐	500.000	512.936	2062984.70	0.1604	A	2.1
4	☐	1250.000	1237.715	4968700.37	0.3870	A	4.2
5	☐	2500.000	2563.775	9624931.29	0.8015	A	0.5
6	☐	5000.000	4684.656	18548966.39	1.4646	A	9.2
7	☐	10000.000	10142.617	37292350.84	3.1710	A	2.6
8	☐			37702.27	0.0036	P	14.9

$$y = 3.1264\text{E-}004 * x + 1.0519\text{E-}005$$

$$R = 0.9992$$

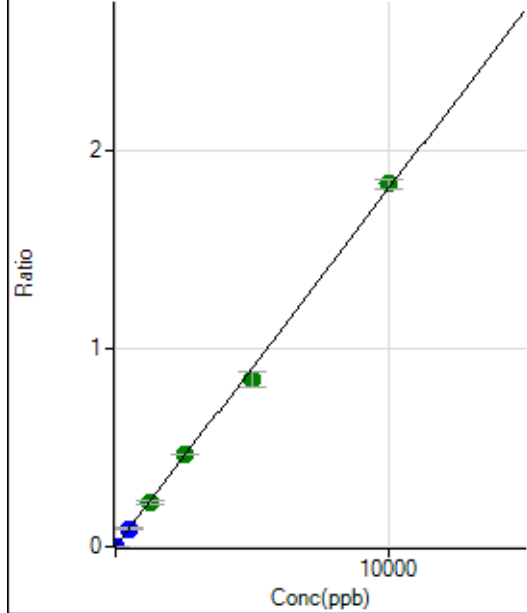
$$DL = 0.02315$$

$$BEC = 0.03365$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	59.1
2	☐	5.000	4.968	12230.39	0.0009	P	6.0
3	☐	500.000	509.803	1187390.82	0.0923	P	2.1
4	☐	1250.000	1231.594	2862321.68	0.2230	A	5.9
5	☐	2500.000	2571.123	5589992.01	0.4655	A	1.2
6	☐	5000.000	4691.427	10760216.73	0.8494	A	8.7
7	☐	10000.000	10138.316	21587236.94	1.8356	A	2.8
8	☐			9711.86	0.0009	P	24.1

$$y = 1.8106\text{E-}004 * x + 1.9211\text{E-}006$$

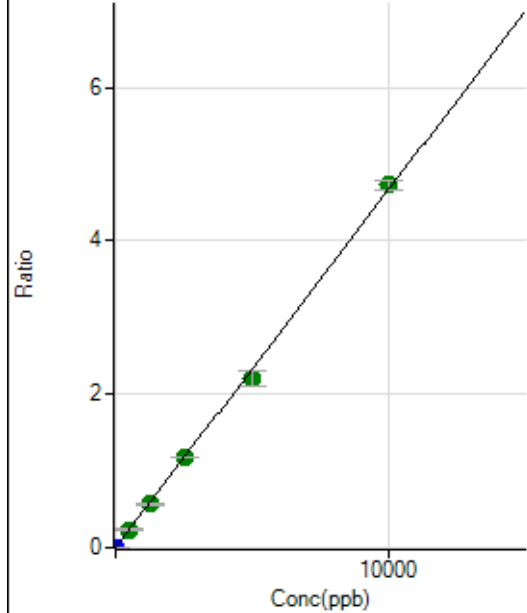
$$R = 0.9993$$

$$DL = 0.01881$$

$$BEC = 0.01061$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	61.4
2	☐	5.000	4.848	30702.46	0.0023	P	7.5
3	☐	500.000	508.509	3050020.14	0.2371	A	1.2
4	☐	1250.000	1215.966	7276090.88	0.5669	A	6.7
5	☐	2500.000	2531.280	14171866.72	1.1802	A	1.3
6	☐	5000.000	4713.047	27835940.03	2.1974	A	8.8
7	☐	10000.000	10139.486	55596727.28	4.7275	A	2.5
8	☐			22982.84	0.0022	P	25.5

$$y = 4.6624\text{E-}004 * x + 3.8284\text{E-}006$$

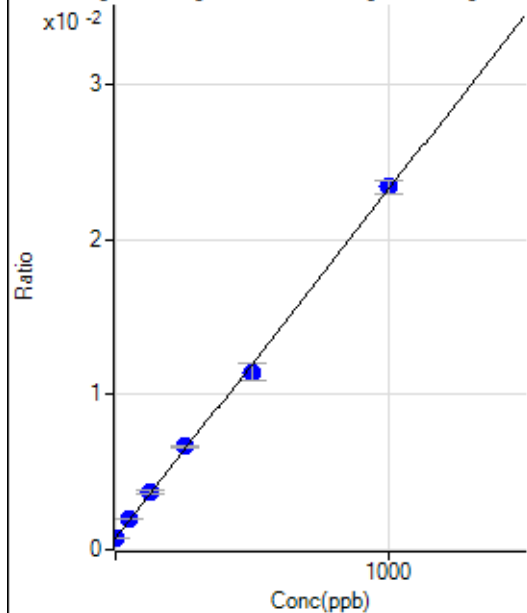
$$R = 0.9994$$

$$DL = 0.01514$$

$$BEC = 0.008211$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7485.45	0.0007	P	2.3
2	☐	1.000	1.325	8044.17	0.0008	P	1.6
3	☐	50.000	56.156	20278.60	0.0020	P	1.5
4	☐	125.000	133.063	38084.07	0.0037	P	4.3
5	☐	250.000	263.721	64995.58	0.0067	P	1.5
6	☐	500.000	475.820	117182.75	0.0114	P	9.6
7	☐	1000.000	1007.344	222484.61	0.0234	P	3.9
8	☐			6459.97	0.0008	P	2.7

$$y = 2.2486\text{E-}005 * x + 7.3614\text{E-}004$$

$$R = 0.9994$$

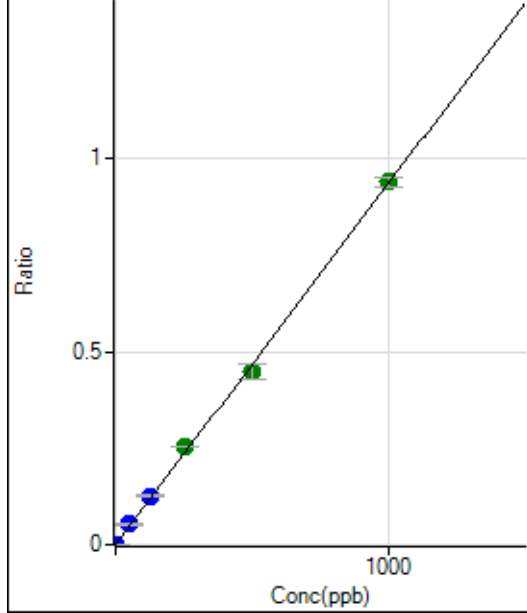
$$DL = 2.256$$

$$BEC = 32.74$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	35.0
2	☐	1.000	1.030	10217.72	0.0010	P	6.2
3	☐	50.000	56.219	534224.28	0.0527	P	1.9
4	☐	125.000	133.396	1276262.64	0.1249	P	4.1
5	☐	250.000	270.689	2472146.06	0.2535	A	1.0
6	☐	500.000	478.494	4593799.28	0.4481	A	8.8
7	☐	1000.000	1004.220	8948454.54	0.9404	A	2.8
8	☐			4845.40	0.0006	P	19.3

$$y = 9.3647E-004 * x + 1.0355E-005$$

$$R = 0.9994$$

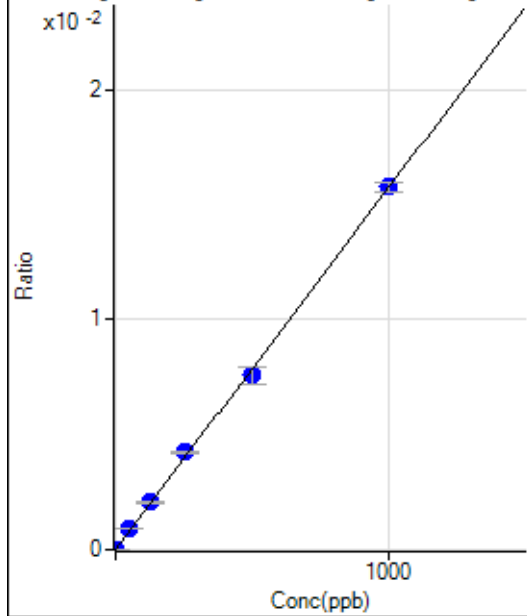
$$DL = 0.0116$$

$$BEC = 0.01106$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.61	0.0000	P	66.7
2	☐	1.000	0.885	169.45	0.0000	P	22.8
3	☐	50.000	57.389	9184.96	0.0009	P	2.8
4	☐	125.000	130.889	21061.27	0.0021	P	4.6
5	☐	250.000	269.005	41296.10	0.0042	P	1.2
6	☐	500.000	482.472	77816.98	0.0076	P	9.7
7	☐	1000.000	1002.907	150181.43	0.0158	P	2.5
8	☐			108.34	0.0000	P	18.0

$$y = 1.5735E-005 * x + 2.3185E-006$$

$$R = 0.9996$$

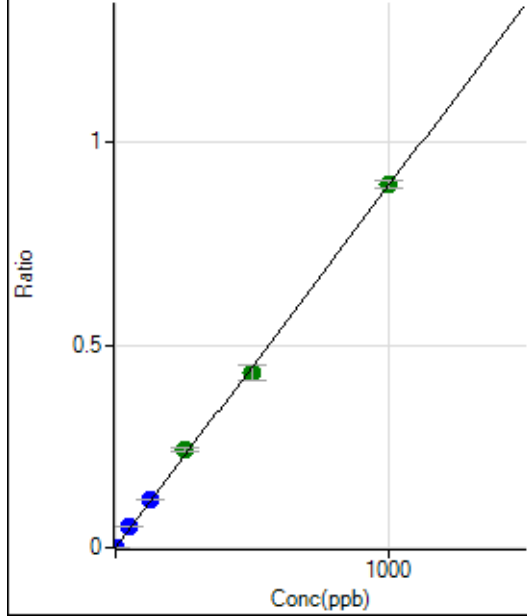
$$DL = 0.2949$$

$$BEC = 0.1473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.0
2	☐	1.000	1.073	10053.76	0.0010	P	10.4
3	☐	50.000	56.376	510393.60	0.0503	P	1.7
4	☐	125.000	133.006	1212570.34	0.1187	P	3.0
5	☐	250.000	271.875	2365090.05	0.2426	A	2.7
6	☐	500.000	481.197	4401936.99	0.4294	A	8.9
7	☐	1000.000	1002.613	8513505.22	0.8947	A	2.1
8	☐			4856.50	0.0006	P	11.7

$$y = 8.9233\text{E-}004 * x + 2.9947\text{E-}006$$

$$R = 0.9995$$

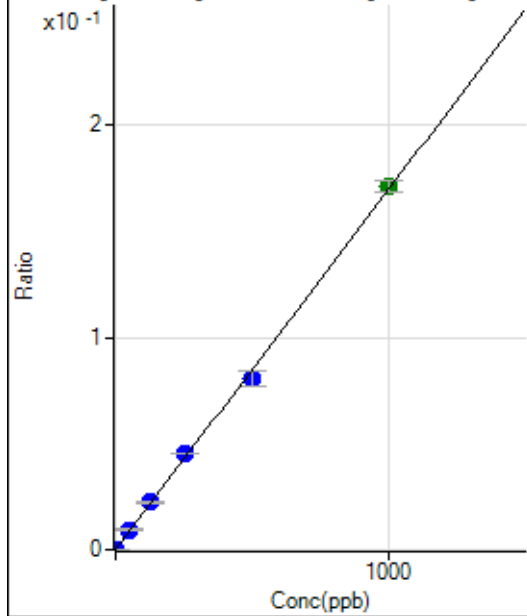
$$DL = 0.004127$$

$$BEC = 0.003356$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	733.40	0.0001	P	3.3
2	☐	1.000	1.094	2699.86	0.0003	P	8.9
3	☐	50.000	55.535	96338.72	0.0095	P	1.1
4	☐	125.000	132.144	229827.30	0.0225	P	3.7
5	☐	250.000	266.391	441497.21	0.0453	P	1.0
6	☐	500.000	474.345	825639.67	0.0806	P	9.5
7	☐	1000.000	1007.560	1627406.71	0.1711	A	3.3
8	☐			1307.70	0.0002	P	9.1

$$y = 1.6970\text{E-}004 * x + 7.2128\text{E-}005$$

$$R = 0.9993$$

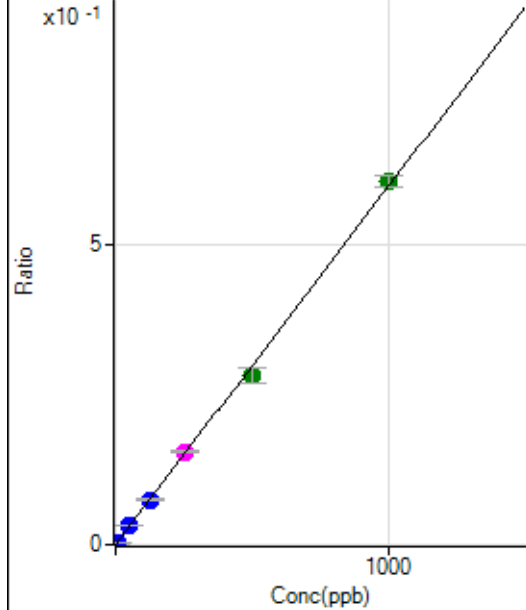
$$DL = 0.0423$$

$$BEC = 0.425$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	597.30	0.0001	P	26.2
2	☐	5.000	5.016	32078.07	0.0031	P	6.3
3	☐	50.000	52.233	317729.22	0.0313	P	2.2
4	☐	125.000	124.299	760588.55	0.0744	P	3.9
5	☐	250.000	259.732	1516454.62	0.1555	M	1.0
6	☐	500.000	470.338	2885377.95	0.2815	A	9.4
7	☐	1000.000	1012.374	5765007.25	0.6059	A	3.2
8	☐			7388.22	0.0009	P	15.8

$$y = 5.9846\text{E-}004 * x + 5.8908\text{E-}005$$

$$R = 0.9993$$

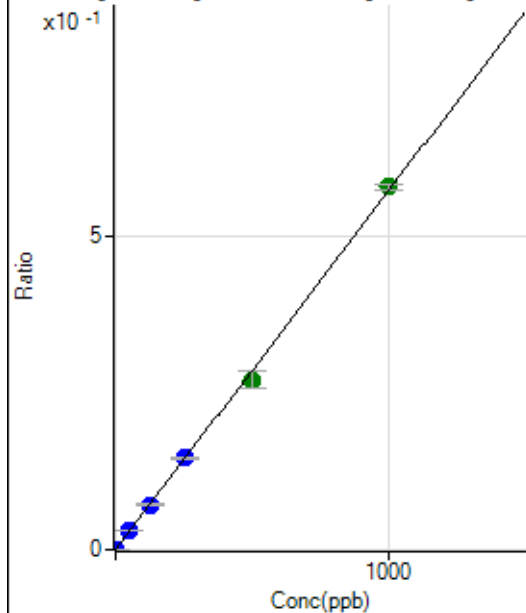
$$DL = 0.07751$$

$$BEC = 0.09843$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	37.5
2	☐	2.000	1.968	11888.54	0.0011	P	5.8
3	☐	50.000	52.030	302422.71	0.0298	P	1.8
4	☐	125.000	125.182	732667.77	0.0717	P	3.4
5	☐	250.000	255.483	1427014.50	0.1464	P	1.2
6	☐	500.000	474.328	2784288.08	0.2717	A	9.6
7	☐	1000.000	1011.341	5513123.52	0.5793	A	1.6
8	☐			3989.54	0.0005	P	6.8

$$y = 5.7281\text{E-}004 * x + 6.2812\text{E-}006$$

$$R = 0.9995$$

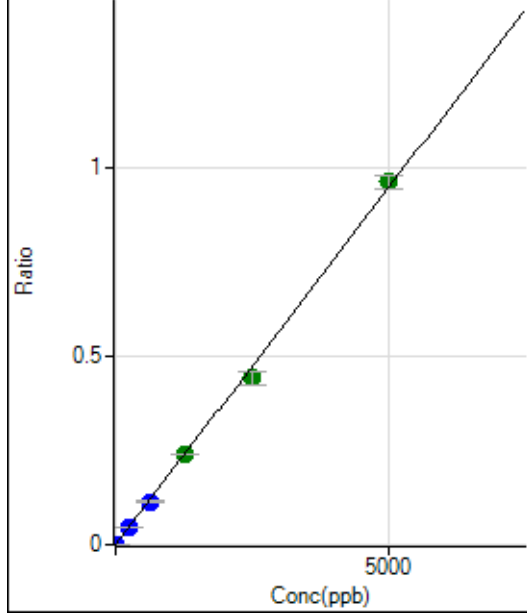
$$DL = 0.01235$$

$$BEC = 0.01097$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	115.
2	☐	10.000	9.359	18551.39	0.0018	P	7.8
3	☐	250.000	246.778	473488.90	0.0467	P	1.8
4	☐	625.000	596.593	1152664.99	0.1128	P	3.8
5	☐	1250.000	1258.250	2320716.74	0.2380	A	0.4
6	☐	2500.000	2338.107	4534329.40	0.4422	A	8.4
7	☐	5000.000	5082.597	9144937.70	0.9612	A	3.7
8	☐			5770.79	0.0007	P	21.7

$$y = 1.8912\text{E-}004 * x + 1.1029\text{E-}006$$

$$R = 0.9992$$

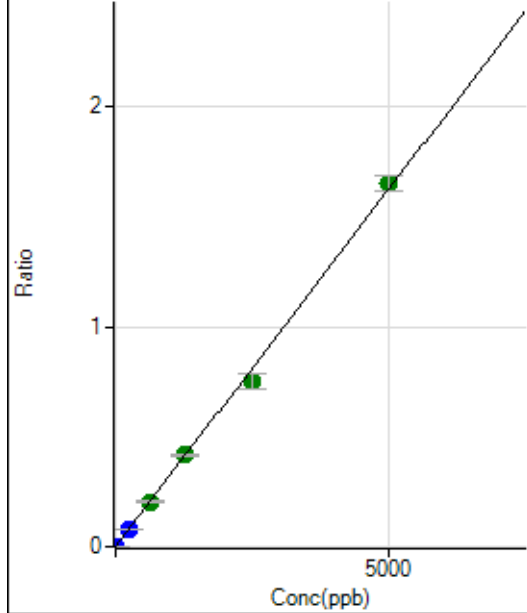
$$DL = 0.02027$$

$$BEC = 0.005832$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	95.4
2	☐	10.000	9.548	32510.10	0.0031	P	5.0
3	☐	250.000	249.625	821921.20	0.0810	P	1.6
4	☐	625.000	628.187	2082553.13	0.2039	A	4.6
5	☐	1250.000	1279.205	4048081.43	0.4152	A	1.3
6	☐	2500.000	2325.501	7736137.59	0.7547	A	9.1
7	☐	5000.000	5079.569	15682301.04	1.6485	A	4.1
8	☐			9959.30	0.0012	P	14.7

$$y = 3.2454\text{E-}004 * x + 2.1966\text{E-}006$$

$$R = 0.9991$$

$$DL = 0.01937$$

$$BEC = 0.006768$$

Weight: <None>

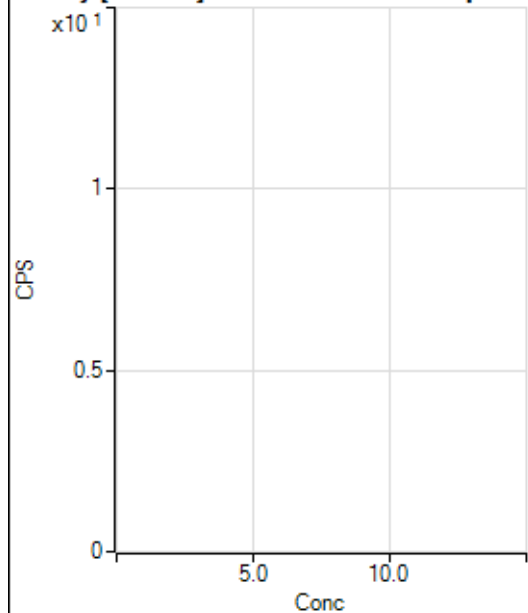
Min Conc: 0

150 Nd [No Gas] No available calibration points

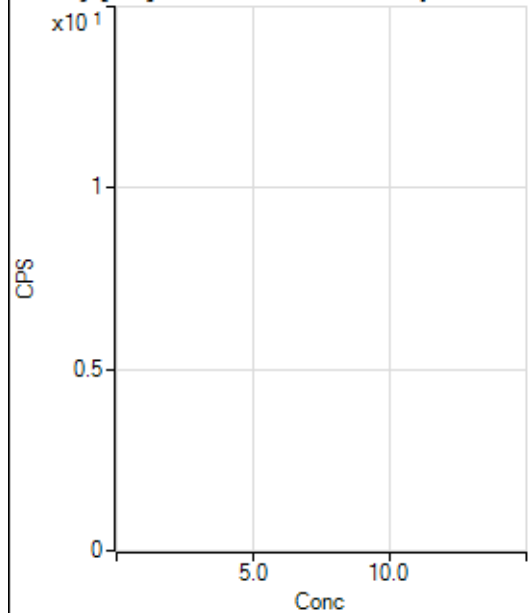
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			8.89		P	114.
3	☐			131.11		P	19.2
4	☐			408.90		P	0.9
5	☐			584.47		P	6.3
6	☐			1237.86		P	10.6
7	☐			2451.37		P	3.0
8	☐			64.44		P	52.1

150 Nd [He] No available calibration points

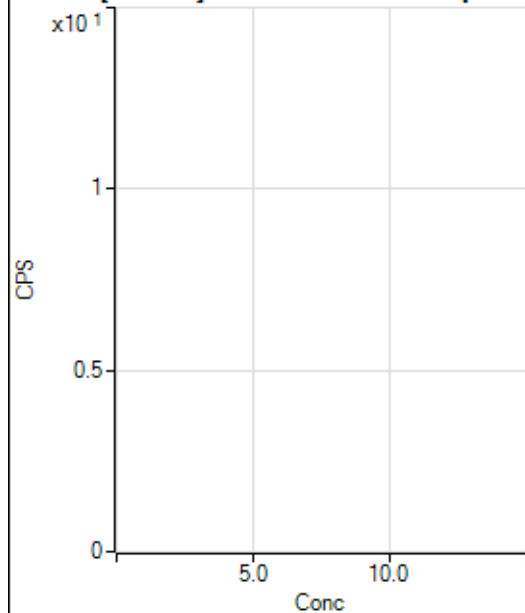
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			3.33		P	100.
3	☐			20.00		P	28.9
4	☐			60.00		P	25.5
5	☐			98.89		P	20.3
6	☐			205.56		P	1.9
7	☐			445.57		P	4.9
8	☐			38.89		P	13.1

156 Dy [No Gas] No available calibration points

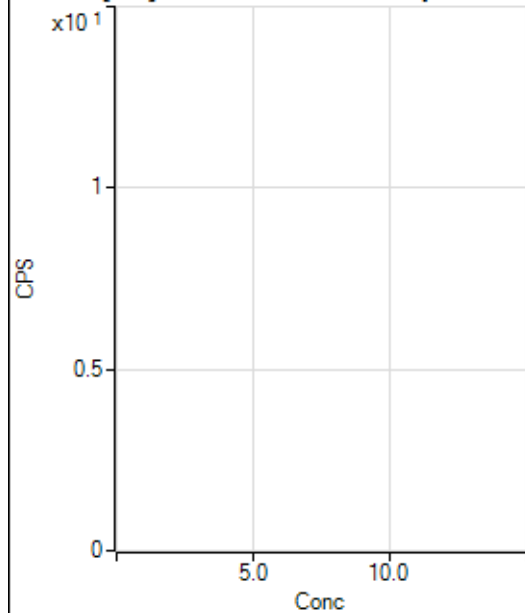
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			13.89		P	91.6
3	☐			61.11		P	55.1
4	☐			72.23		P	17.6
5	☐			194.45		P	29.2
6	☐			286.12		P	9.4
7	☐			775.05		P	5.7
8	☐			1591.80		P	6.6

156 Dy [He] No available calibration points

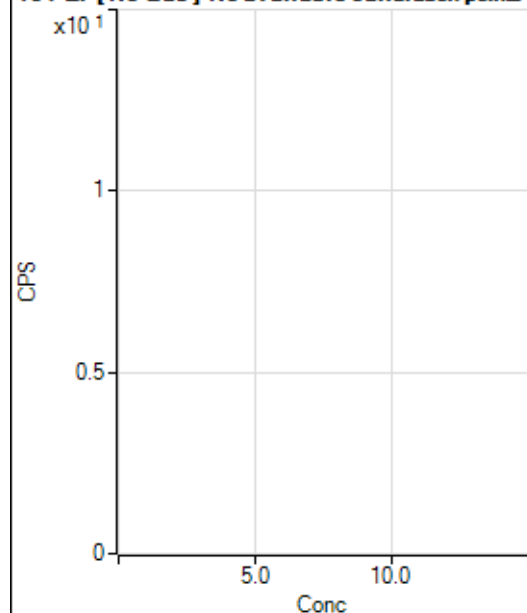
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			27.78		P	56.7
4	☐			120.00		P	15.5
5	☐			172.22		P	4.0
6	☐			345.56		P	2.4
7	☐			678.91		P	11.3
8	☐			1010.05		P	1.1

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

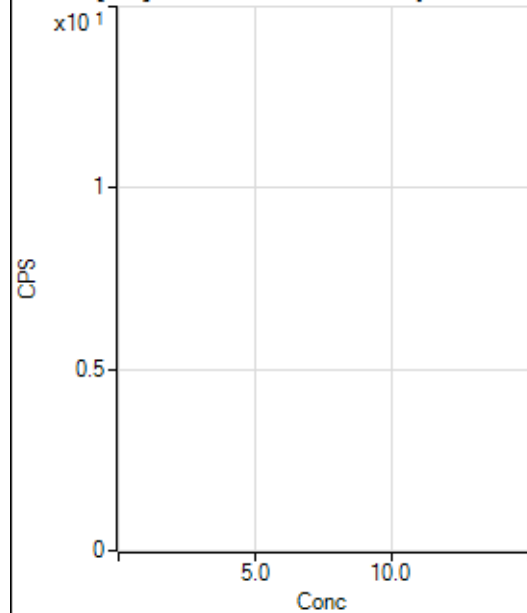
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			77.78		P	37.6
3	☐			61.11		P	20.8
4	☐			102.78		P	24.8
5	☐			155.56		P	34.4
6	☐			252.79		P	12.5
7	☐			372.23		P	12.3
8	☐			1747.39		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			363.34		P	5.7
2	☐			387.79		P	6.0
3	☐			385.57		P	13.9
4	☐			428.90		P	14.0
5	☐			398.90		P	11.7
6	☐			465.57		P	3.0
7	☐			614.46		P	6.7
8	☐			1478.98		P	1.2

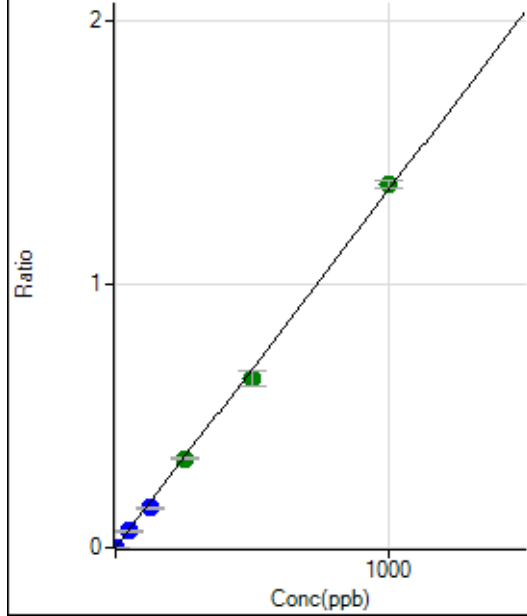
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	49.4
2	☐			72.22		P	43.7
3	☐			80.55		P	47.8
4	☐			86.11		P	36.6
5	☐			58.33		P	37.8
6	☐			97.23		P	40.5
7	☐			158.34		P	24.1
8	☐			147.23		P	26.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	52.0
2	☐			41.11		P	16.9
3	☐			43.33		P	27.7
4	☐			57.78		P	20.3
5	☐			61.11		P	13.7
6	☐			78.89		P	20.8
7	☐			81.11		P	8.6
8	☐			84.44		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	16.7
2	☐	1.000	0.857	8580.70	0.0012	P	7.0
3	☐	50.000	45.882	425376.36	0.0624	P	0.9
4	☐	125.000	111.998	1049214.60	0.1522	P	4.6
5	☐	250.000	249.811	2221196.82	0.3395	A	1.7
6	☐	500.000	473.767	4271308.99	0.6438	A	8.6
7	☐	1000.000	1014.995	8287292.89	1.3792	A	2.1
8	☐			2305.82	0.0005	P	30.7

$$y = 0.0014 * x + 2.9643E-005$$

$$R = 0.9994$$

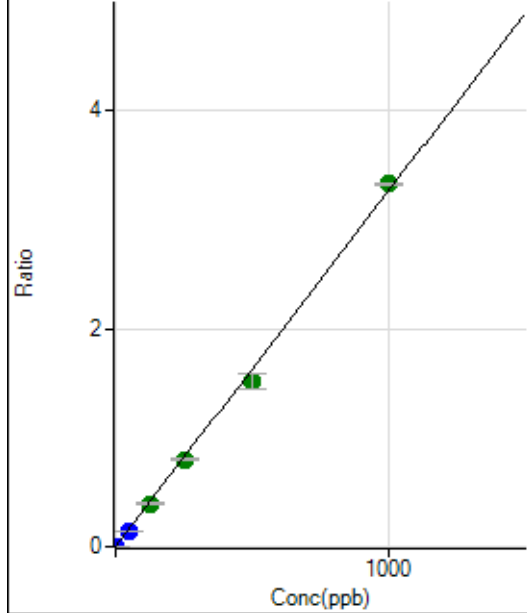
$$DL = 0.01092$$

$$BEC = 0.02182$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.69	0.0001	P	20.3
2	☐	1.000	0.859	20621.65	0.0029	P	8.3
3	☐	50.000	45.520	1012437.37	0.1485	P	0.7
4	☐	125.000	119.223	2679614.36	0.3887	A	4.1
5	☐	250.000	245.914	5245688.01	0.8017	A	1.4
6	☐	500.000	463.902	10031772.10	1.5122	A	9.0
7	☐	1000.000	1020.017	19978888.82	3.3250	A	0.7
8	☐			5295.64	0.0012	P	28.2

$$y = 0.0033 * x + 7.0005E-005$$

$$R = 0.9991$$

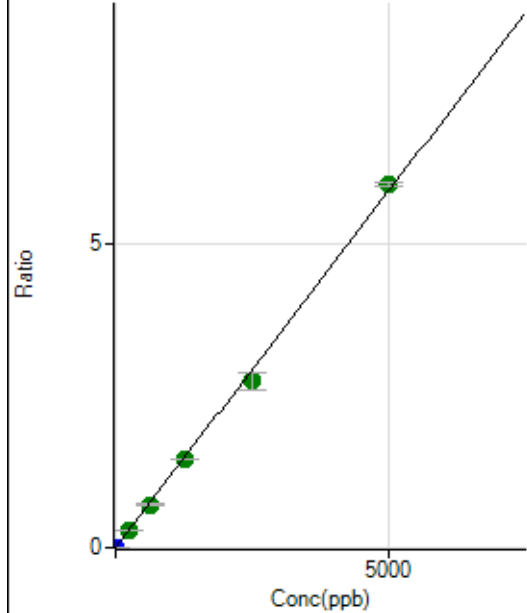
$$DL = 0.0131$$

$$BEC = 0.02148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	418.53	0.0001	P	11.0
2	☐	1.000	0.824	7370.62	0.0010	P	7.2
3	☐	250.000	246.742	1972477.29	0.2892	A	0.9
4	☐	625.000	601.523	4860631.30	0.7050	A	3.8
5	☐	1250.000	1240.219	9510396.16	1.4535	A	2.0
6	☐	2500.000	2333.718	18132854.92	2.7351	A	10.1
7	☐	5000.000	5088.684	35834539.69	5.9638	A	1.0
8	☐			10802.69	0.0024	P	22.3

$$y = 0.0012 * x + 5.9394E-005$$

$$R = 0.9992$$

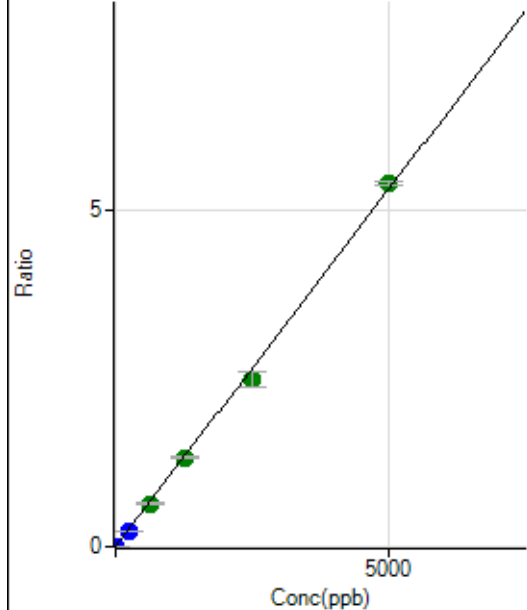
$$DL = 0.01665$$

$$BEC = 0.05068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	348.16	0.0000	P	15.3
2	☐	1.000	0.803	6462.76	0.0009	P	5.7
3	☐	250.000	223.687	1615079.33	0.2368	P	0.2
4	☐	625.000	600.614	4382803.28	0.6357	A	3.9
5	☐	1250.000	1242.466	8603864.83	1.3151	A	2.4
6	☐	2500.000	2353.771	16524397.01	2.4913	A	9.2
7	☐	5000.000	5079.362	32303606.51	5.3761	A	1.2
8	☐			9762.98	0.0021	P	23.1

$$y = 0.0011 * x + 4.9198E-005$$

$$R = 0.9994$$

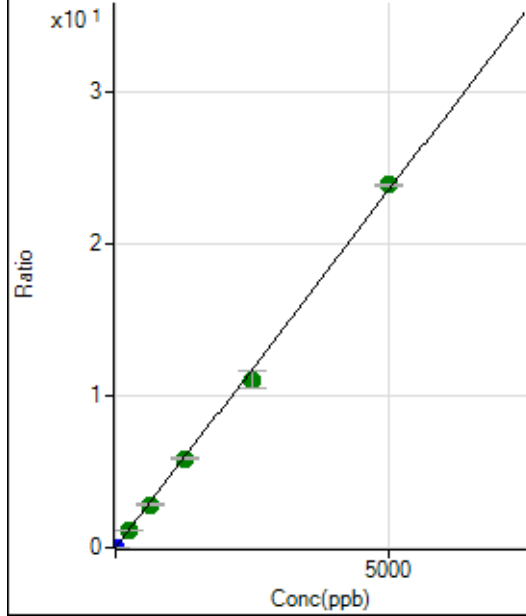
$$DL = 0.0213$$

$$BEC = 0.04648$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1622.29	0.0002	P	5.1
2	☐	1.000	0.827	29659.50	0.0041	P	7.0
3	☐	250.000	242.129	7778157.38	1.1405	A	0.6
4	☐	625.000	601.704	19533848.59	2.8338	A	4.7
5	☐	1250.000	1244.516	38348373.25	5.8610	A	1.9
6	☐	2500.000	2351.513	73426371.78	11.0741	A	9.9
7	☐	5000.000	5078.920	143717749.7	23.9182	A	0.8
8	☐			43416.94	0.0095	P	22.5

$$y = 0.0047 * x + 2.2991E-004$$

$$R = 0.9994$$

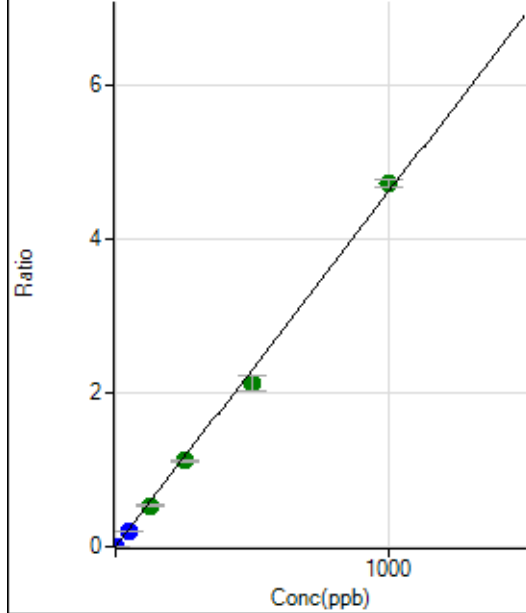
$$DL = 0.007467$$

$$BEC = 0.04882$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.97	0.0000	P	252.
2	☐	1.000	0.857	28456.46	0.0040	P	7.0
3	☐	50.000	41.585	1310163.36	0.1921	P	0.8
4	☐	125.000	114.121	3633904.96	0.5272	A	4.7
5	☐	250.000	241.416	7297701.82	1.1152	A	1.0
6	☐	500.000	462.176	14155438.49	2.1350	A	10.0
7	☐	1000.000	1022.839	28390406.50	4.7249	A	2.3
8	☐			5011.04	0.0011	P	37.1

$$y = 0.0046 * x + 2.6514E-007$$

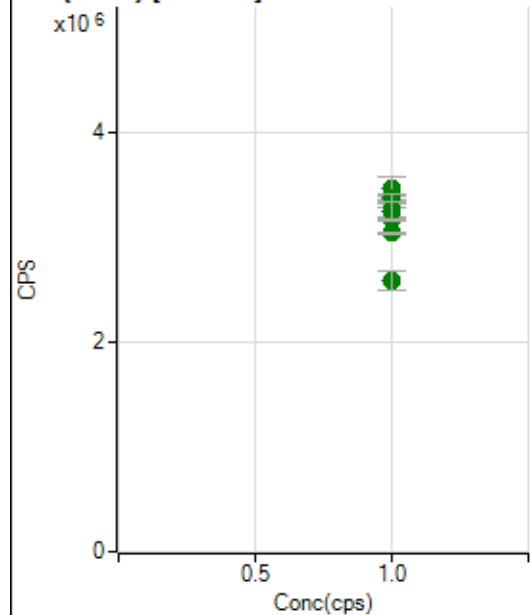
$$R = 0.9989$$

$$DL = 0.0004342$$

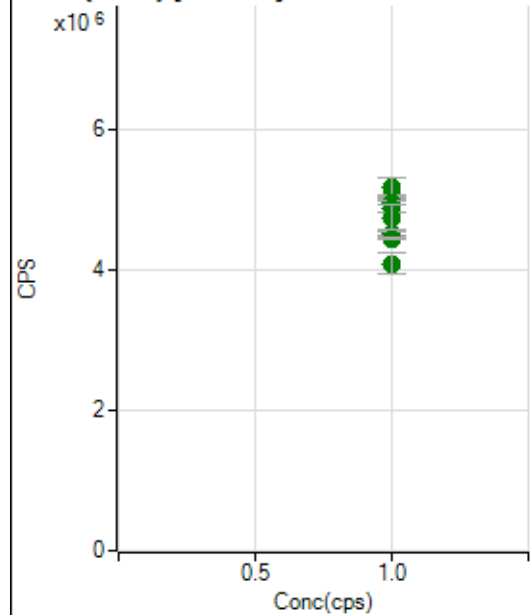
$$BEC = 5.74E-05$$

Weight: <None>

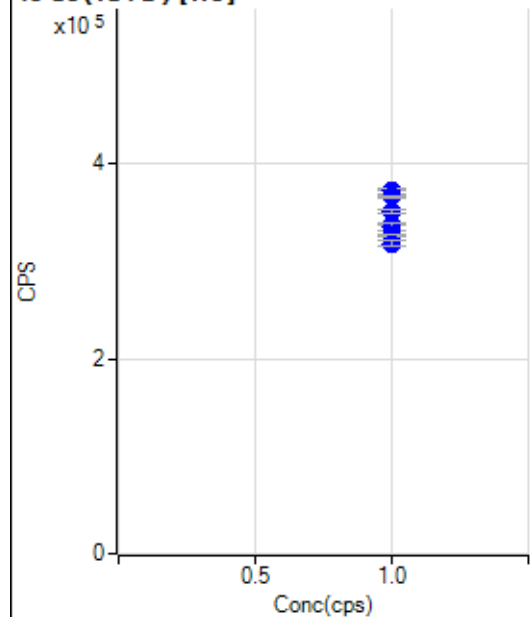
Min Conc: 0

6 Li (ISTD) [No Gas]

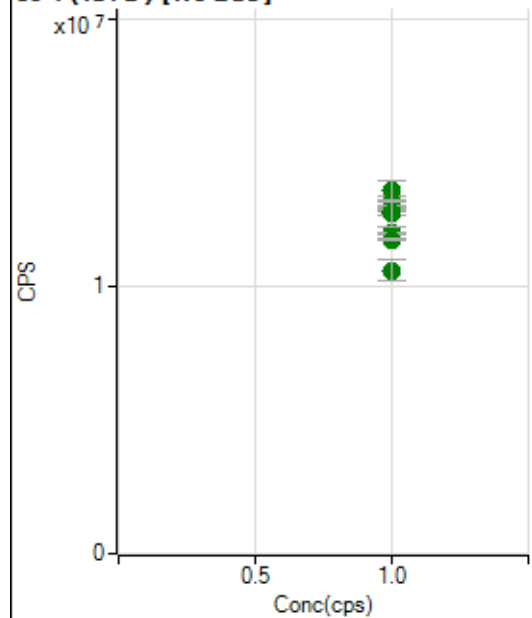
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3342514.40		A	2.9
2	☐	1.000		3462661.20		A	6.2
3	☐	1.000		3337439.50		A	1.1
4	☐	1.000		3373631.41		A	2.5
5	☐	1.000		3170654.64		A	1.4
6	☐	1.000		3254313.15		A	5.2
7	☐	1.000		3038061.80		A	0.9
8	☐	1.000		2586102.39		A	6.9

45 Sc (ISTD) [No Gas]

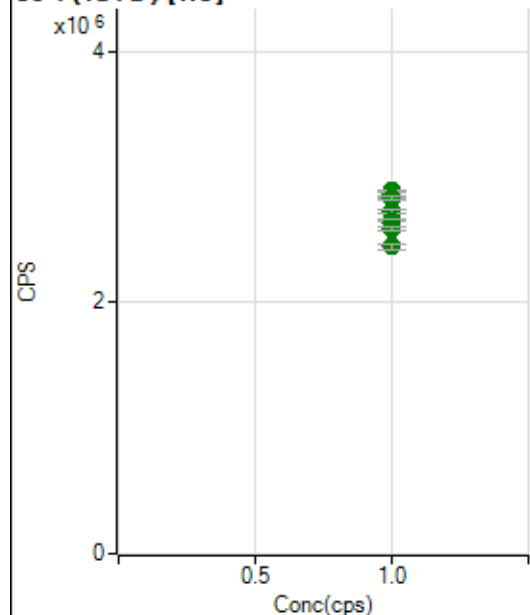
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5040761.00		A	1.6
2	☐	1.000		5169904.64		A	5.4
3	☐	1.000		4962161.07		A	0.7
4	☐	1.000		4879315.00		A	2.0
5	☐	1.000		4511321.39		A	1.1
6	☐	1.000		4750787.95		A	7.6
7	☐	1.000		4441620.45		A	0.5
8	☐	1.000		4090121.29		A	7.1

45 Sc (ISTD) [He]

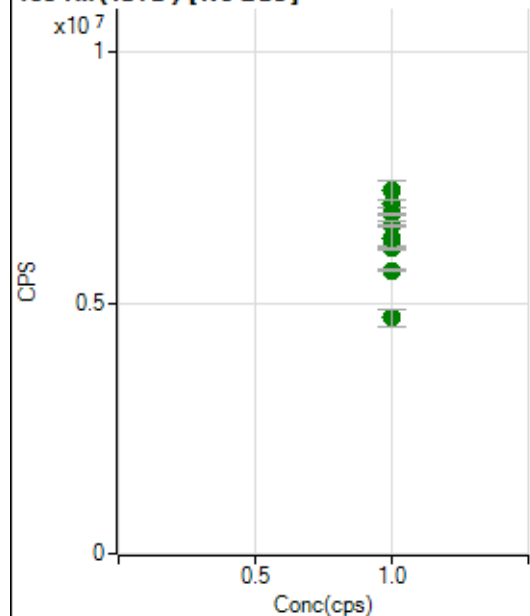
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		368564.66		P	1.9
2	☐	1.000		371817.03		P	1.4
3	☐	1.000		365792.92		P	0.5
4	☐	1.000		350368.83		P	0.9
5	☐	1.000		337305.71		P	0.3
6	☐	1.000		334751.69		P	2.3
7	☐	1.000		326418.88		P	0.8
8	☐	1.000		317811.94		P	1.7

89 Y (ISTD) [No Gas]

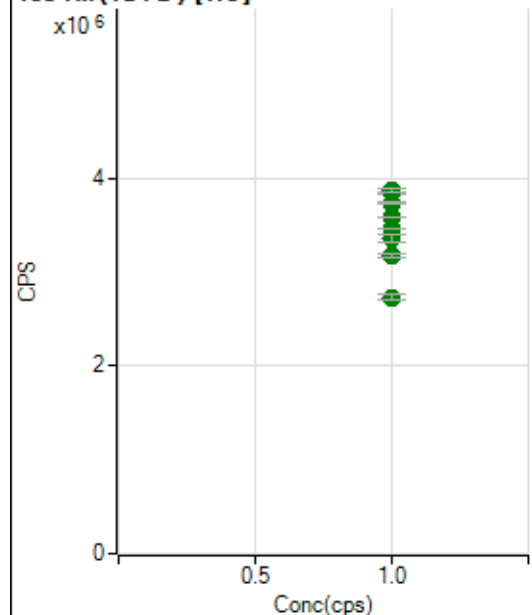
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13173249.25		A	3.1
2	☐	1.000		13593661.46		A	5.2
3	☐	1.000		12865043.70		A	0.8
4	☐	1.000		12849969.81		A	2.8
5	☐	1.000		12008014.96		A	0.6
6	☐	1.000		12719950.51		A	7.1
7	☐	1.000		11761854.82		A	0.8
8	☐	1.000		10612906.09		A	7.2

89 Y(ISTD) [He]

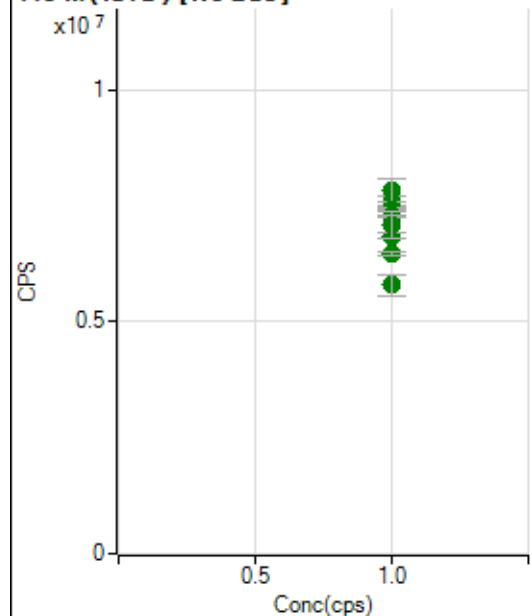
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2860718.43		A	1.4
2	☐	1.000		2890589.09		A	0.6
3	☐	1.000		2833841.80		A	1.0
4	☐	1.000		2727857.13		A	0.8
5	☐	1.000		2653704.78		A	0.8
6	☐	1.000		2638494.96		A	2.0
7	☐	1.000		2587198.00		A	0.9
8	☐	1.000		2444653.31		A	2.4

103 Rh(ISTD) [No Gas]

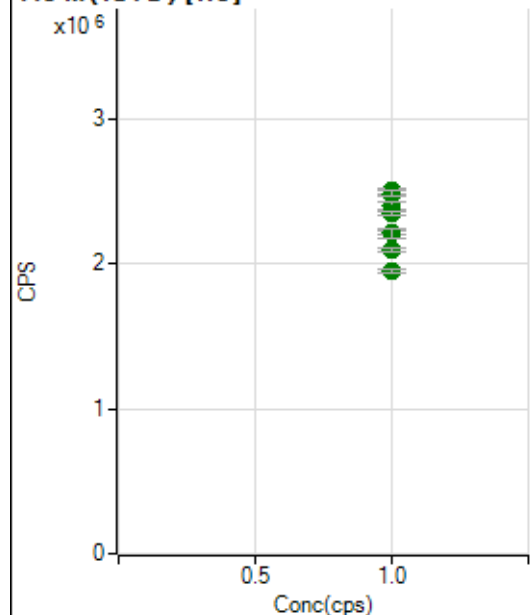
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6994238.16		A	2.4
2	☐	1.000		7240716.14		A	5.2
3	☐	1.000		6778101.15		A	0.1
4	☐	1.000		6577105.81		A	1.7
5	☐	1.000		6109051.92		A	0.5
6	☐	1.000		6304813.24		A	7.6
7	☐	1.000		5660619.33		A	0.6
8	☐	1.000		4703621.42		A	7.5

103 Rh (ISTD) [He]

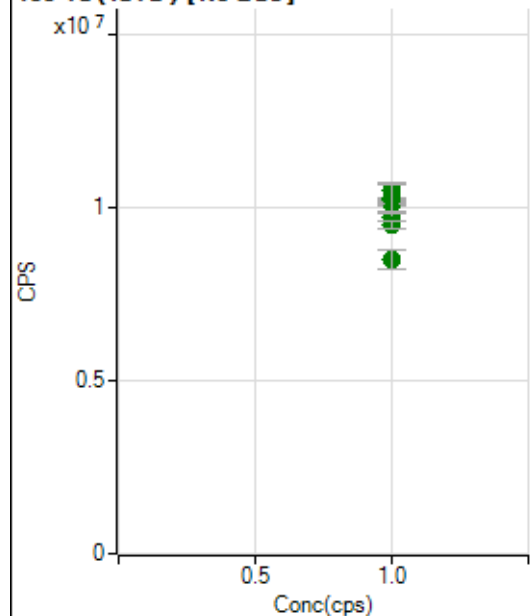
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3844004.14		A	0.6
2	☐	1.000		3867654.84		A	1.0
3	☐	1.000		3738856.96		A	0.8
4	☐	1.000		3584449.32		A	0.3
5	☐	1.000		3459979.22		A	0.2
6	☐	1.000		3360943.53		A	2.5
7	☐	1.000		3175124.50		A	1.8
8	☐	1.000		2733078.19		A	2.2

115 In (ISTD) [No Gas]

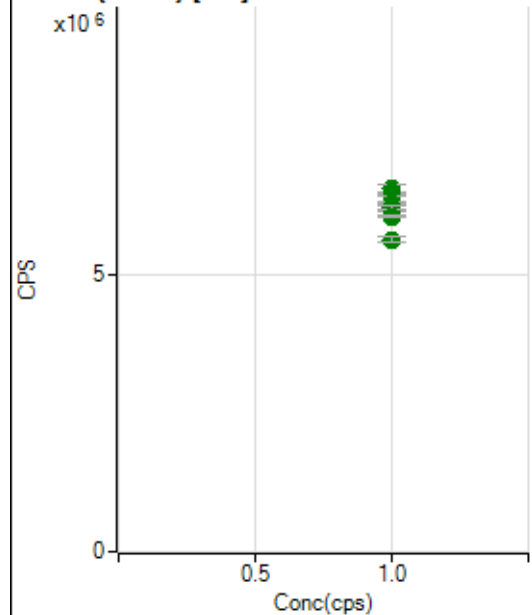
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7603145.56		A	2.4
2	☐	1.000		7819942.96		A	6.4
3	☐	1.000		7437119.54		A	0.7
4	☐	1.000		7276525.10		A	1.0
5	☐	1.000		6853581.86		A	2.0
6	☐	1.000		7094336.00		A	8.3
7	☐	1.000		6446361.64		A	1.3
8	☐	1.000		5785179.11		A	7.3

115 In (ISTD) [He]

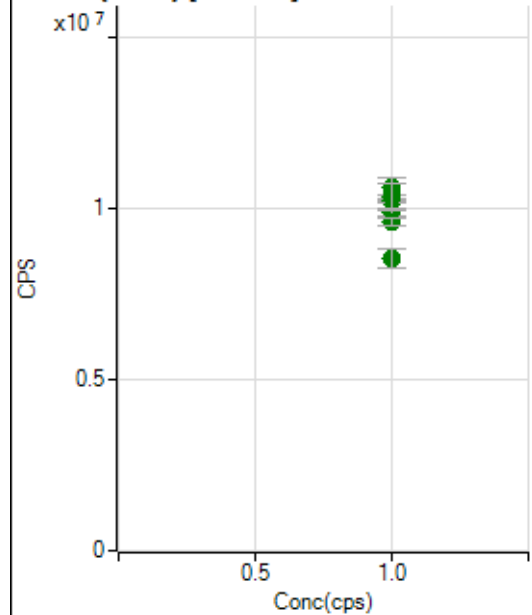
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2502242.14		A	1.7
2	☐	1.000		2485658.33		A	1.2
3	☐	1.000		2400877.05		A	2.0
4	☐	1.000		2343523.92		A	1.0
5	☐	1.000		2217560.07		A	1.0
6	☐	1.000		2211721.23		A	3.0
7	☐	1.000		2096590.55		A	1.5
8	☐	1.000		1948598.06		A	1.8

159 Tb (ISTD) [No Gas]

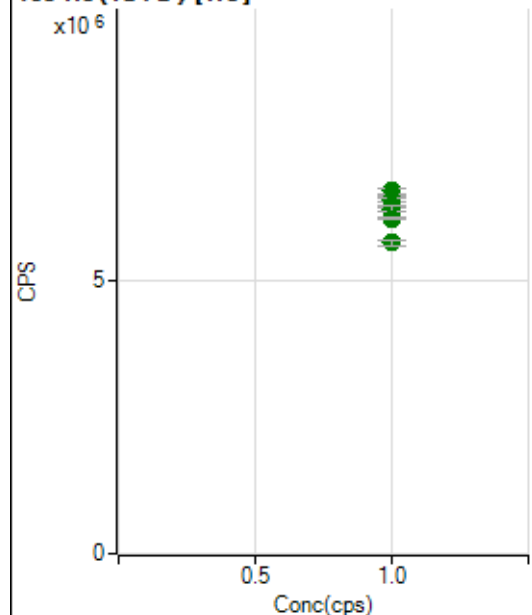
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10170655.75		A	1.8
2	☐	1.000		10500736.58		A	4.9
3	☐	1.000		10145262.84		A	0.4
4	☐	1.000		10219469.64		A	1.6
5	☐	1.000		9752116.45		A	2.0
6	☐	1.000		10299966.79		A	8.0
7	☐	1.000		9518730.90		A	2.2
8	☐	1.000		8509899.04		A	6.4

159 Tb (ISTD) [He]

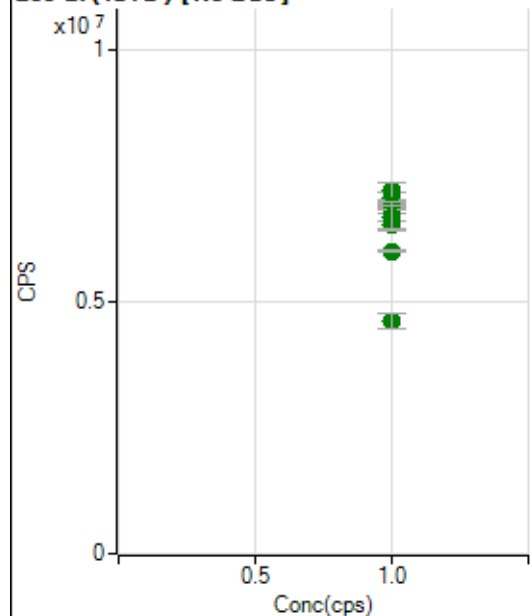
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6530471.57		A	2.8
2	☐	1.000		6465039.97		A	0.3
3	☐	1.000		6402018.10		A	0.2
4	☐	1.000		6269996.99		A	0.5
5	☐	1.000		6150806.85		A	0.9
6	☐	1.000		6202305.95		A	1.4
7	☐	1.000		6039477.89		A	1.0
8	☐	1.000		5614329.15		A	1.8

165 Ho (ISTD) [No Gas]

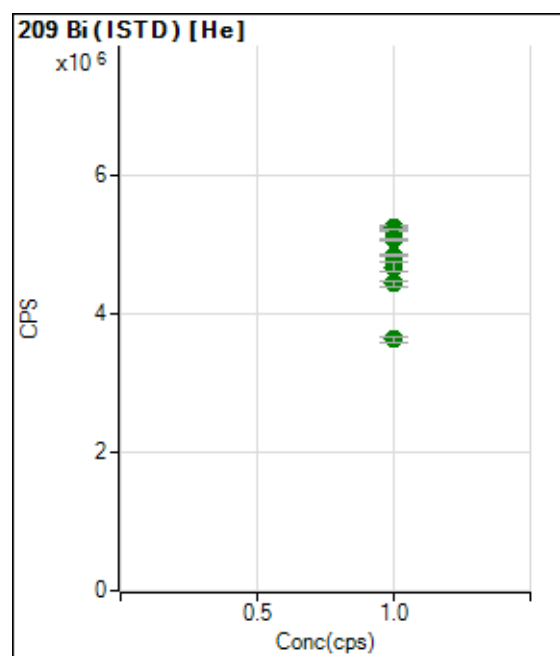
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10254959.85		A	2.5
2	☐	1.000		10579678.94		A	5.9
3	☐	1.000		10222349.36		A	0.5
4	☐	1.000		10199187.63		A	1.4
5	☐	1.000		9845740.69		A	1.4
6	☐	1.000		10334281.03		A	7.2
7	☐	1.000		9578623.68		A	2.4
8	☐	1.000		8513980.36		A	6.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6540261.08		A	1.2
2	☐	1.000		6621971.29		A	1.4
3	☐	1.000		6553115.88		A	0.3
4	☐	1.000		6452558.52		A	1.3
5	☐	1.000		6344922.41		A	0.6
6	☐	1.000		6296998.10		A	2.0
7	☐	1.000		6118803.52		A	0.5
8	☐	1.000		5681218.67		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7053429.62		A	3.3
2	☐	1.000		7204725.65		A	5.0
3	☐	1.000		6820328.30		A	1.3
4	☐	1.000		6897991.56		A	2.2
5	☐	1.000		6544839.69		A	2.3
6	☐	1.000		6664696.08		A	7.8
7	☐	1.000		6008632.55		A	0.3
8	☐	1.000		4620603.92		A	6.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5216631.80		A	0.7
2	☐	1.000		5232573.85		A	1.1
3	☐	1.000		5192566.21		A	0.8
4	☐	1.000		5070129.16		A	0.4
5	☐	1.000		4833274.75		A	0.7
6	☐	1.000		4666251.53		A	2.7
7	☐	1.000		4425741.15		A	1.7
8	☐	1.000		3623924.08		A	1.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121622-MS.b
Acq. Date-Time 2022-12-16 13:26:27
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		10966	109656.00			0.557	5.000
24		293642	2936420.67			0.674	5.000
25		38969	389685.49			0.483	5.000
26		43423	434227.57			0.547	5.000
59		69998	699981.91			0.523	5.000
113		8144	81437.78			0.562	5.000
115		104411	1044111.41			1.303	5.000
206		27826	278259.21			0.624	5.000
207		25422	254215.91			0.299	5.000
208		59287	592870.25			0.291	5.000
220		0	0.70			81.441	

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

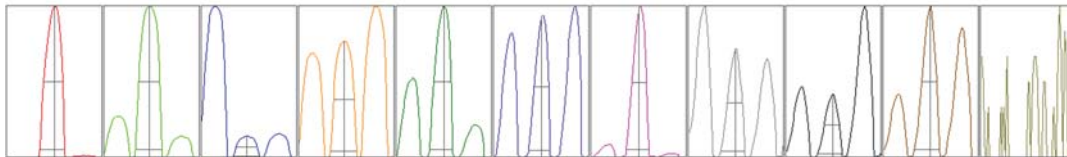
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10980	11060	10938	10896	10954
24	291024	296595	293712	293322	293558
25	38696	39223	39005	38934	38984
26	43137	43649	43566	43196	43566
59	69510	70506	70076	70070	69829
113	8116	8218	8152	8100	8133
115	104117	106446	105017	103402	103074
206	27720	28033	27971	27616	27789
207	25443	25511	25334	25468	25352
208	59277	59532	59368	59093	59164

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	19510.45	9.05	8.90 - 9.10	
24	459462.11	23.95	23.90 - 24.10	
25	62422.93	24.95	24.90 - 25.10	
26	69517.96	25.95	25.90 - 26.10	
59	133425.52	59.05	58.90 - 59.10	
113	18140.19	113.05	112.90 - 113.10	
115	232334.03	115.05	114.90 - 115.10	
206	59137.51	206.00	205.90 - 206.10	
207	53805.13	207.00	206.90 - 207.10	
208	127387.78	208.00	207.90 - 208.10	
220	0.00	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.780	0.900	
24	0.66	0.833	0.900	
25	0.65	0.825	0.900	
26	0.65	0.829	0.900	
59	0.54	0.735	0.900	
113	0.46	0.673	0.900	
115	0.45	0.710	0.900	
206	0.48	0.766	0.900	
207	0.48	0.774	0.900	
208	0.47	0.797	0.900	
220	0.40	0.400		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	0.0 V	Omega Lens	8.2 V	Deflect	15.6 V
Extract 2	-85.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0003	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.7 mm
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EM

Discriminator	3.2 mV	Analog HV	2249 V	Pulse HV	1497 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		21346	213457.57			0.609	
89		71722	717224.20			0.664	
205		27351	273509.47			0.863	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	21496	21144	21408	21353	21329
89	72451	71160	71570	71581	71851
205	27563	26974	27432	27278	27508

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 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	0.0 V	Omega Lens	8.5 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-90.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0003	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.7 mm
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EM

Discriminator	3.2 mV	Analog HV	2249 V	Pulse HV	1497 V
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LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.06	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	0.07	-0.08	0.00	N/A	ppb
Boron	11-1	-0.02	0.03	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.30	0.86	-0.56	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.07	0.11	0.00	N/A	ppb
Calcium	43-1	1.31	-0.62	-0.69	0.00	N/A	ppb
Calcium	44-1	-0.69	0.05	0.65	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	0.02	-0.05	0.00	N/A	ppb
Iron	57-2	0.45	-0.20	-0.25	0.00	N/A	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.21	-0.38	0.17	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	-0.10	0.07	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	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	-5.98	4.96	-7.44	-2.82		ppb
Potassium	39-2	1.56	-2.75	1.20	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.37	-0.18	-0.19	0.00	N/A	ppb
Selenium	77-2	-0.09	0.18	-0.09	0.00	N/A	ppb
Selenium	78-2	0.01	0.21	-0.22	0.00	N/A	ppb
Silicon	28-1	-0.20	0.11	0.09	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	0.03	-0.20	0.18	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-39.23	103.86	-10.24	18.13	417.18	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	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	0.03	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.02	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	0.00	0.07	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 :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.34	19.61	19.17	19.04	3.38	ppb
Antimony	121-1	1.85	2.08	1.97	1.97	5.86	ppb
Arsenic	75-2	1.13	1.18	1.18	1.17	2.31	ppb
Barium	135-1	8.52	9.80	9.75	9.36	7.76	ppb
Barium	137-1	9.01	9.71	9.93	9.55	5.00	ppb
Beryllium	9-1	0.98	1.08	1.11	1.06	6.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	13.92	16.89	18.09	16.30	13.16	ppb
Boron	11-1	13.65	17.39	18.33	16.46	15.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.95	1.22	1.11	1.09	12.34	ppb
Cadmium	106-1	1.61	0.71	1.66	1.32	40.51	ppb
Cadmium	108-1	0.66	0.86	1.13	0.88	26.55	ppb
Calcium	43-1	440.25	501.06	495.31	478.87	7.01	ppb
Calcium	44-1	442.96	489.07	494.81	475.61	5.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.87	1.98	1.95	3.27	ppb
Cobalt	59-2	1.04	1.01	1.03	1.02	1.31	ppb
Copper	63-2	2.10	2.16	2.06	2.11	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	53.28	52.87	54.06	53.40	1.13	ppb
Iron	57-2	55.31	56.80	56.91	56.34	1.58	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.28	54.63	53.67	55.20	3.39	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.86	0.86	0.82	7.60	ppb
Lead	207-1	0.75	0.81	0.85	0.80	6.00	ppb
Lead	208-1	0.76	0.86	0.87	0.83	7.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	478.10	479.54	490.72	482.78	1.43	ppb
Manganese	55-2	1.09	1.04	1.05	1.06	2.42	ppb
Molybdenum	94-1	5.21	6.02	5.97	5.73	7.88	ppb
Molybdenum	95-1	4.52	5.02	5.08	4.88	6.27	ppb
Molybdenum	96-1	4.61	5.19	4.92	4.91	5.95	ppb
Molybdenum	97-1	4.64	5.05	5.22	4.97	5.96	ppb
Molybdenum	98-1	4.43	5.05	5.06	4.85	7.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.01	0.99	1.03	4.60	ppb
Phosphorus	31-2	-5.86	9.78	4.54	2.82	282.28	ppb
Potassium	39-2	500.23	495.17	509.82	501.74	1.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	5.04	5.08	5.19	5.10	1.53	ppb
Selenium	77-2	5.67	6.81	6.19	6.23	9.18	ppb
Selenium	78-2	5.05	5.16	4.64	4.95	5.50	ppb
Silicon	28-1	0.48	1.71	1.61	1.27	53.71	ppb
Silver	107-1	0.96	1.05	1.09	1.03	6.23	ppb
Silver	109-1	0.95	1.12	1.16	1.07	10.39	ppb
Sodium	23-2	470.68	478.37	483.05	477.37	1.31	ppb
Strontium	86-1	0.90	0.97	1.07	0.98	8.76	ppb
Strontium	88-1	0.89	0.99	0.97	0.95	5.80	ppb
Sulfur	34-1	-355.45	141.12	159.94	-18.13		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.79	0.88	0.90	0.86	7.17	ppb
Thallium	205-1	0.77	0.90	0.91	0.86	8.55	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.65	5.14	5.26	5.02	6.38	ppb
Titanium	47-1	4.50	5.18	5.58	5.09	10.69	ppb
Uranium	238-1	0.79	0.90	0.89	0.86	7.01	ppb
Vanadium	51-2	4.82	4.83	4.86	4.83	0.39	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2.30	2.39	2.25	2.31	3.22	ppb
Zirconium	90-1	0.89	1.01	0.91	0.94	6.54	ppb
Zirconium	91-1	0.95	0.91	1.00	0.95	4.90	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.03	980.19	970.68	983.97	1.58	ppb
Antimony	121-1	50.98	52.49	52.62	52.03	1.75	ppb
Arsenic	75-2	53.04	52.55	53.18	52.92	0.62	ppb
Barium	135-1	241.63	248.47	250.24	246.78	1.84	ppb
Barium	137-1	245.21	250.60	253.06	249.62	1.61	ppb
Beryllium	9-1	54.62	54.84	54.95	54.80	0.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	45.05	49.34	53.00	49.13	8.11	ppb
Boron	11-1	46.69	50.06	54.35	50.36	7.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.95	56.20	55.45	55.53	1.14	ppb
Cadmium	106-1	54.61	56.94	56.92	56.16	2.39	ppb
Cadmium	108-1	56.09	56.93	59.15	57.39	2.76	ppb
Calcium	43-1	5713.53	5711.21	5779.86	5734.87	0.68	ppb
Calcium	44-1	5162.44	5271.26	5232.87	5222.19	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.02	50.34	50.51	50.62	0.70	ppb
Cobalt	59-2	51.74	50.79	51.05	51.19	0.96	ppb
Copper	63-2	545.37	548.85	521.23	538.48	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	2695.14	2668.66	2650.72	2671.51	0.84	ppb
Iron	57-2	2719.38	2708.03	2698.01	2708.47	0.39	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2815.19	2786.74	2826.98	2809.64	0.74	ppb
Krypton	83-1						cps
Lead	206-1	248.51	247.60	244.12	246.74	0.94	ppb
Lead	207-1	223.29	223.88	223.89	223.69	0.15	ppb
Lead	208-1	242.05	243.50	240.83	242.13	0.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	5165.19	5011.43	5142.73	5106.45	1.63	ppb
Manganese	55-2	511.62	504.50	509.46	508.53	0.72	ppb
Molybdenum	94-1	493.09	508.21	515.40	505.57	2.25	ppb
Molybdenum	95-1	495.72	521.74	514.04	510.50	2.62	ppb
Molybdenum	96-1	501.68	513.61	523.51	512.94	2.13	ppb
Molybdenum	97-1	499.13	509.55	520.73	509.80	2.12	ppb
Molybdenum	98-1	501.98	510.10	513.45	508.51	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.65	53.75	52.97	53.79	1.56	ppb
Phosphorus	31-2	1025.02	1036.68	991.89	1017.86	2.28	ppb
Potassium	39-2	2651.86	2609.22	2608.00	2623.03	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	52.91	54.32	54.33	53.85	1.52	ppb
Selenium	77-2	50.28	58.74	50.89	53.30	8.85	ppb
Selenium	78-2	52.31	51.77	54.22	52.77	2.44	ppb
Silicon	28-1	56.17	55.59	56.07	55.94	0.55	ppb
Silver	107-1	55.13	56.32	57.21	56.22	1.86	ppb
Silver	109-1	55.30	56.97	56.87	56.38	1.66	ppb
Sodium	23-2	4958.02	4941.61	5007.57	4969.06	0.69	ppb
Strontium	86-1	1262.34	1277.22	1261.09	1266.88	0.71	ppb
Strontium	88-1	1268.90	1267.67	1278.26	1271.61	0.46	ppb
Sulfur	34-1	1225.89	999.96	1164.53	1130.13	10.34	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	46.03	46.21	45.41	45.88	0.91	ppb
Thallium	205-1	45.48	45.87	45.22	45.52	0.72	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	50.98	52.45	53.27	52.23	2.22	ppb
Titanium	47-1	511.58	513.83	513.28	512.90	0.23	ppb
Uranium	238-1	41.31	41.94	41.50	41.58	0.77	ppb
Vanadium	51-2	49.67	48.77	49.13	49.19	0.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	545.17	543.02	543.80	544.00	0.20	ppb
Zirconium	90-1	49.12	50.56	50.31	50.00	1.54	ppb
Zirconium	91-1	48.76	50.30	50.90	49.99	2.21	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2441.16	2435.76	2458.38	2445.10	0.48	ppb
Antimony	121-1	120.27	128.35	126.93	125.18	3.45	ppb
Arsenic	75-2	131.31	128.76	130.00	130.02	0.98	ppb
Barium	135-1	571.91	615.94	601.93	596.59	3.77	ppb
Barium	137-1	599.18	657.09	628.28	628.19	4.61	ppb
Beryllium	9-1	122.51	133.51	128.40	128.14	4.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	108.41	125.60	126.73	120.25	8.54	ppb
Boron	11-1	109.48	128.20	126.77	121.48	8.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	126.86	136.44	133.13	132.14	3.68	ppb
Cadmium	106-1	125.85	140.02	133.32	133.06	5.33	ppb
Cadmium	108-1	125.13	137.14	130.40	130.89	4.60	ppb
Calcium	43-1	13319.23	14375.04	14150.75	13948.34	3.99	ppb
Calcium	44-1	12044.20	12991.65	12792.42	12609.42	3.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.46	125.39	126.19	125.68	0.35	ppb
Cobalt	59-2	126.44	125.62	126.98	126.35	0.54	ppb
Copper	63-2	1316.07	1325.00	1325.87	1322.32	0.41	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				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	6614.91	6612.59	6745.04	6657.52	1.14	ppb
Iron	57-2	6682.70	6740.55	6765.38	6729.54	0.63	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6927.86	6964.85	7038.58	6977.10	0.81	ppb
Krypton	83-1						cps
Lead	206-1	575.45	612.39	616.73	601.52	3.77	ppb
Lead	207-1	574.94	621.25	605.65	600.61	3.92	ppb
Lead	208-1	569.97	625.15	609.99	601.70	4.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	12622.84	12592.69	12789.79	12668.44	0.84	ppb
Manganese	55-2	1255.43	1267.38	1277.50	1266.77	0.87	ppb
Molybdenum	94-1	1140.48	1289.95	1237.10	1222.51	6.20	ppb
Molybdenum	95-1	1165.71	1281.43	1251.74	1232.96	4.87	ppb
Molybdenum	96-1	1180.19	1281.47	1251.49	1237.72	4.20	ppb
Molybdenum	97-1	1152.90	1295.53	1246.35	1231.59	5.88	ppb
Molybdenum	98-1	1127.41	1287.48	1233.00	1215.97	6.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.73	131.27	133.50	132.50	0.86	ppb
Phosphorus	31-2	2515.29	2496.79	2588.75	2533.61	1.92	ppb
Potassium	39-2	6144.71	6156.78	5963.84	6088.44	1.78	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	124.41	135.72	131.48	130.54	4.38	ppb
Selenium	77-2	142.76	121.30	140.61	134.89	8.76	ppb
Selenium	78-2	137.81	125.51	129.98	131.10	4.75	ppb
Silicon	28-1	125.22	137.01	131.56	131.26	4.50	ppb
Silver	107-1	127.60	138.43	134.15	133.40	4.09	ppb
Silver	109-1	129.04	137.12	132.86	133.01	3.04	ppb
Sodium	23-2	12447.51	12391.06	12642.11	12493.56	1.05	ppb
Strontium	86-1	2950.83	3169.49	3105.12	3075.15	3.65	ppb
Strontium	88-1	2895.25	3269.99	3143.35	3102.86	6.14	ppb
Sulfur	34-1	2188.95	2550.81	2304.76	2348.18	7.87	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	106.24	116.36	113.39	112.00	4.64	ppb
Thallium	205-1	113.53	122.41	121.74	119.22	4.15	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	118.72	127.75	126.43	124.30	3.93	ppb
Titanium	47-1	1203.59	1283.46	1252.07	1246.38	3.23	ppb
Uranium	238-1	107.97	117.92	116.48	114.12	4.71	ppb
Vanadium	51-2	122.13	123.20	123.08	122.80	0.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	1338.58	1332.42	1353.00	1341.33	0.79	ppb
Zirconium	90-1	113.87	127.85	124.33	122.02	5.96	ppb
Zirconium	91-1	114.07	127.36	124.54	121.99	5.74	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4906.36	4932.04	4901.81	4913.40	0.33	ppb
Antimony	121-1	257.39	251.85	257.20	255.48	1.23	ppb
Arsenic	75-2	254.38	260.36	256.23	256.99	1.19	ppb
Barium	135-1	1252.49	1261.08	1261.18	1258.25	0.40	ppb
Barium	137-1	1287.35	1260.27	1289.99	1279.21	1.29	ppb
Beryllium	9-1	260.09	267.60	258.35	262.02	1.88	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	241.11	259.23	265.24	255.19	4.92	ppb
Boron	11-1	247.05	262.81	263.51	257.79	3.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	268.23	263.18	267.76	266.39	1.05	ppb
Cadmium	106-1	267.53	258.62	265.01	263.72	1.74	ppb
Cadmium	108-1	270.31	265.35	271.35	269.00	1.19	ppb
Calcium	43-1	29125.77	29374.79	28515.31	29005.29	1.52	ppb
Calcium	44-1	25591.32	26270.20	25910.02	25923.85	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.70	252.27	252.00	251.66	0.33	ppb
Cobalt	59-2	252.70	252.53	251.88	252.37	0.17	ppb
Copper	63-2	2626.88	2609.74	2607.98	2614.87	0.40	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				96		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	13393.86	13358.82	13471.20	13407.96	0.43	ppb
Iron	57-2	13451.78	13509.41	13501.98	13487.72	0.23	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13560.98	13629.93	13691.21	13627.37	0.48	ppb
Krypton	83-1						cps
Lead	206-1	1268.55	1225.91	1226.20	1240.22	1.98	ppb
Lead	207-1	1276.64	1231.53	1219.23	1242.47	2.43	ppb
Lead	208-1	1271.58	1233.15	1228.82	1244.52	1.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	25700.35	25427.13	25191.37	25439.61	1.00	ppb
Manganese	55-2	2495.50	2550.39	2547.78	2531.22	1.22	ppb
Molybdenum	94-1	2466.52	2552.95	2545.71	2521.73	1.90	ppb
Molybdenum	95-1	2494.62	2550.87	2542.89	2529.46	1.20	ppb
Molybdenum	96-1	2578.48	2554.54	2558.30	2563.77	0.50	ppb
Molybdenum	97-1	2549.50	2606.67	2557.19	2571.12	1.21	ppb
Molybdenum	98-1	2500.31	2564.36	2529.17	2531.28	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.25	261.54	261.18	261.99	0.42	ppb
Phosphorus	31-2	5131.65	5021.93	4933.00	5028.86	1.98	ppb
Potassium	39-2	12311.11	12189.71	12155.45	12218.76	0.67	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	263.10	271.94	265.47	266.84	1.71	ppb
Selenium	77-2	260.65	266.14	257.88	261.56	1.61	ppb
Selenium	78-2	263.11	263.24	258.12	261.49	1.12	ppb
Silicon	28-1	272.33	276.80	269.25	272.80	1.39	ppb
Silver	107-1	269.53	268.81	273.73	270.69	0.98	ppb
Silver	109-1	277.78	263.52	274.33	271.87	2.74	ppb
Sodium	23-2	25293.15	25385.09	25007.89	25228.71	0.78	ppb
Strontium	86-1	6317.07	6408.66	6363.40	6363.04	0.72	ppb
Strontium	88-1	6342.18	6412.04	6444.81	6399.68	0.82	ppb
Sulfur	34-1	5111.95	5050.08	4918.74	5026.92	1.96	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	254.82	247.11	247.51	249.81	1.74	ppb
Thallium	205-1	249.83	244.62	243.28	245.91	1.41	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	257.97	258.45	262.77	259.73	1.02	ppb
Titanium	47-1	2590.74	2619.60	2627.15	2612.50	0.74	ppb
Uranium	238-1	244.05	240.83	239.36	241.42	0.99	ppb
Vanadium	51-2	247.55	248.28	246.30	247.38	0.40	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	2668.19	2638.75	2666.80	2657.91	0.62	ppb
Zirconium	90-1	257.10	256.91	252.98	255.66	0.91	ppb
Zirconium	91-1	251.92	257.01	256.60	255.18	1.11	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10005.45	9835.16	9629.42	9823.34	1.92	ppb
Antimony	121-1	421.75	497.60	503.64	474.33	9.62	ppb
Arsenic	75-2	515.19	496.54	494.92	502.22	2.24	ppb
Barium	135-1	2113.14	2465.64	2435.53	2338.11	8.36	ppb
Barium	137-1	2081.36	2457.83	2437.31	2325.50	9.10	ppb
Beryllium	9-1	438.91	507.66	501.12	482.56	7.86	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	418.88	498.97	512.56	476.81	10.62	ppb
Boron	11-1	407.49	494.88	506.28	469.55	11.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	422.16	499.86	501.02	474.35	9.53	ppb
Cadmium	106-1	419.44	502.73	505.29	475.82	10.27	ppb
Cadmium	108-1	428.64	510.59	508.18	482.47	9.67	ppb
Calcium	43-1	47163.57	53002.28	55250.00	51805.28	8.06	ppb
Calcium	44-1	42428.30	49673.54	50073.48	47391.77	9.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.08	492.90	481.66	492.55	2.18	ppb
Cobalt	59-2	512.09	493.63	481.95	495.89	3.07	ppb
Copper	63-2	5184.20	5045.10	4951.49	5060.27	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	27124.34	25726.33	25174.72	26008.47	3.86	ppb
Iron	57-2	27273.56	26226.35	25762.95	26420.96	2.93	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27479.99	26508.19	26097.40	26695.19	2.66	ppb
Krypton	83-1						cps
Lead	206-1	2061.84	2477.88	2461.44	2333.72	10.10	ppb
Lead	207-1	2103.65	2490.94	2466.72	2353.77	9.22	ppb
Lead	208-1	2082.79	2488.83	2482.92	2351.51	9.90	ppb
Lithium	6-1				97		%
Magnesium	24-2	51667.98	48543.17	48498.14	49569.76	3.67	ppb
Manganese	55-2	5118.33	4968.75	4917.73	5001.61	2.08	ppb
Molybdenum	94-1	4150.33	4962.49	4878.13	4663.65	9.58	ppb
Molybdenum	95-1	4160.99	4947.04	4890.32	4666.12	9.39	ppb
Molybdenum	96-1	4185.03	4950.64	4918.30	4684.66	9.24	ppb
Molybdenum	97-1	4220.46	4966.47	4887.36	4691.43	8.73	ppb
Molybdenum	98-1	4237.68	4980.64	4920.82	4713.05	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.39	500.88	494.89	505.39	2.64	ppb
Phosphorus	31-2	10173.27	9643.41	9642.69	9819.79	3.12	ppb
Potassium	39-2	24839.85	23921.81	23773.65	24178.44	2.39	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	425.20	506.81	503.45	478.49	9.65	ppb
Selenium	77-2	517.86	498.09	491.43	502.46	2.74	ppb
Selenium	78-2	512.22	493.58	492.52	499.44	2.22	ppb
Silicon	28-1	425.49	499.24	514.57	479.76	9.93	ppb
Silver	107-1	429.60	502.70	503.18	478.49	8.85	ppb
Silver	109-1	432.12	502.08	509.40	481.20	8.87	ppb
Sodium	23-2	50483.43	49172.47	48159.59	49271.83	2.36	ppb
Strontium	86-1	10383.73	12472.27	12182.03	11679.34	9.69	ppb
Strontium	88-1	10591.87	12425.27	12360.82	11792.65	8.82	ppb
Sulfur	34-1	7415.50	9298.84	9602.97	8772.43	13.51	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	426.51	498.70	496.09	473.77	8.64	ppb
Thallium	205-1	415.95	491.48	484.27	463.90	8.98	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	419.28	498.35	493.38	470.34	9.42	ppb
Titanium	47-1	4204.49	4963.82	5028.39	4732.23	9.68	ppb
Uranium	238-1	409.06	488.91	488.56	462.18	9.95	ppb
Vanadium	51-2	505.72	485.66	480.73	490.71	2.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	5233.34	5071.55	5039.03	5114.64	2.03	ppb
Zirconium	90-1	416.82	498.34	486.46	467.21	9.43	ppb
Zirconium	91-1	417.25	500.22	488.81	468.76	9.59	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19742.54	19699.16	19938.89	19793.53	0.65	ppb
Antimony	121-1	994.39	1026.13	1013.50	1011.34	1.58	ppb
Arsenic	75-2	1000.81	987.81	1000.48	996.37	0.74	ppb
Barium	135-1	4879.80	5249.59	5118.40	5082.60	3.69	ppb
Barium	137-1	4889.75	5304.67	5044.29	5079.57	4.13	ppb
Beryllium	9-1	981.58	1016.01	1017.66	1005.08	2.03	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	958.16	1023.72	1051.58	1011.15	4.74	ppb
Boron	11-1	958.29	1031.98	1051.46	1013.91	4.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	986.78	1046.04	989.86	1007.56	3.31	ppb
Cadmium	106-1	970.67	1051.52	999.84	1007.34	4.06	ppb
Cadmium	108-1	977.93	1027.25	1003.54	1002.91	2.46	ppb
Calcium	43-1	104941.73	107940.96	111021.36	107968.02	2.82	ppb
Calcium	44-1	98350.61	100177.23	102166.56	100231.46	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.35	996.02	1005.22	1003.20	0.64	ppb
Cobalt	59-2	1005.35	988.38	1009.97	1001.23	1.14	ppb
Copper	63-2	10115.90	9737.40	9937.26	9930.19	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	52641.68	51884.44	52227.25	52251.12	0.73	ppb
Iron	57-2	52364.82	51679.77	52487.09	52177.23	0.83	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53919.11	52645.07	52875.98	53146.72	1.28	ppb
Krypton	83-1						cps
Lead	206-1	5033.97	5103.08	5129.00	5088.68	0.97	ppb
Lead	207-1	5030.17	5061.37	5146.55	5079.36	1.19	ppb
Lead	208-1	5033.36	5088.41	5114.99	5078.92	0.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	100840.44	98400.58	99804.98	99682.00	1.23	ppb
Manganese	55-2	10209.43	9804.16	9953.02	9988.87	2.05	ppb
Molybdenum	94-1	9949.74	10287.91	10260.05	10165.90	1.85	ppb
Molybdenum	95-1	9875.76	10286.86	10320.93	10161.18	2.44	ppb
Molybdenum	96-1	9836.76	10266.37	10324.72	10142.62	2.63	ppb
Molybdenum	97-1	9834.64	10392.44	10187.87	10138.32	2.78	ppb
Molybdenum	98-1	9853.79	10321.65	10243.02	10139.49	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.43	985.57	992.55	993.18	0.80	ppb
Phosphorus	31-2	20308.07	19902.07	20023.25	20077.80	1.04	ppb
Potassium	39-2	49193.40	48473.44	49227.02	48964.62	0.87	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	983.95	1012.11	1020.91	1005.66	1.92	ppb
Selenium	77-2	973.74	987.25	1022.43	994.47	2.53	ppb
Selenium	78-2	1007.77	985.07	996.69	996.51	1.14	ppb
Silicon	28-1	997.37	1009.00	1003.90	1003.43	0.58	ppb
Silver	107-1	973.47	1027.78	1011.40	1004.22	2.77	ppb
Silver	109-1	982.35	1024.17	1001.31	1002.61	2.09	ppb
Sodium	23-2	100733.60	98108.13	100728.30	99856.67	1.52	ppb
Strontium	86-1	24848.79	25660.07	25653.51	25387.46	1.84	ppb
Strontium	88-1	24764.49	25804.95	25384.39	25317.94	2.07	ppb
Sulfur	34-1	20566.05	20756.19	20536.33	20619.52	0.58	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	999.32	1006.95	1038.71	1014.99	2.06	ppb
Thallium	205-1	1012.26	1022.63	1025.16	1020.02	0.67	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:10	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	979.03	1043.87	1014.22	1012.37	3.21	ppb
Titanium	47-1	9933.84	10124.06	10258.80	10105.57	1.62	ppb
Uranium	238-1	1001.79	1047.84	1018.89	1022.84	2.28	ppb
Vanadium	51-2	1010.63	994.27	1011.95	1005.62	0.98	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	9983.80	9702.83	9982.12	9889.58	1.64	ppb
Zirconium	90-1	990.30	1019.67	1036.09	1015.35	2.28	ppb
Zirconium	91-1	987.97	1028.86	1027.28	1014.70	2.28	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97734.20	101418.22	101042.05	100064.82	2.03	ppb
Antimony	121-1	0.86	0.82	0.75	0.81	6.93	ppb
Arsenic	75-2	0.33	0.36	0.40	0.36	10.62	ppb
Barium	135-1	4.48	3.41	2.95	3.61	21.78	ppb
Barium	137-1	4.19	3.53	3.14	3.62	14.71	ppb
Beryllium	9-1	0.54	0.45	0.37	0.46	18.82	ppb
Bismuth	209-1				66		%
Bismuth	209-2				69		%
Boron	10-1	65.45	53.59	45.62	54.89	18.17	ppb
Boron	11-1	69.52	52.51	47.17	56.40	20.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.57	0.48	0.41	0.48	17.01	ppb
Cadmium	106-1	0.59	0.36	2.06	1.00	92.00	ppb
Cadmium	108-1	0.83	0.64	0.54	0.67	21.93	ppb
Calcium	43-1	545414.87	481173.77	467357.56	497982.07	8.36	ppb
Calcium	44-1	543521.99	483321.37	473646.85	500163.40	7.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.33	6.43	6.38	6.38	0.79	ppb
Cobalt	59-2	1.22	1.30	1.27	1.26	3.27	ppb
Copper	63-2	2.28	2.29	2.26	2.28	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				87		%
Indium	115-1				76		%
Indium	115-2				78		%
Iron	56-2	243776.10	254333.13	250065.66	249391.63	2.13	ppb
Iron	57-2	244787.70	250089.02	253200.28	249359.00	1.71	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	244347.18	252626.99	250396.30	249123.49	1.72	ppb
Krypton	83-1						cps
Lead	206-1	2.47	1.83	1.60	1.96	22.92	ppb
Lead	207-1	2.47	1.90	1.54	1.97	23.67	ppb
Lead	208-1	2.47	1.86	1.58	1.97	23.08	ppb
Lithium	6-1				77		%
Magnesium	24-2	490032.58	501871.66	508333.92	500079.39	1.86	ppb
Manganese	55-2	10.60	10.59	10.63	10.61	0.16	ppb
Molybdenum	94-1	6.58	4.95	4.26	5.26	22.56	ppb
Molybdenum	95-1	6.05	4.52	4.02	4.87	21.71	ppb
Molybdenum	96-1	13.36	10.61	10.26	11.41	14.90	ppb
Molybdenum	97-1	6.50	4.62	4.18	5.10	24.19	ppb
Molybdenum	98-1	6.06	4.20	3.82	4.69	25.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.48	3.68	3.62	3.59	2.92	ppb
Phosphorus	31-2	-1.52	-3.88	-2.99	-2.79		ppb
Potassium	39-2	244721.79	252874.40	253322.11	250306.10	1.93	ppb
Rhodium	103-1				67		%
Rhodium	103-2				71		%
Scandium	45-1				81		%
Scandium	45-2				86		%
Selenium	82-1	2.73	1.53	1.94	2.07	29.40	ppb
Selenium	77-2	0.22	-0.09	0.24	0.12	150.95	ppb
Selenium	78-2	1.07	0.78	0.63	0.83	27.53	ppb
Silicon	28-1	19.62	15.08	13.56	16.09	19.58	ppb
Silver	107-1	0.74	0.52	0.55	0.60	19.70	ppb
Silver	109-1	0.71	0.64	0.56	0.64	11.74	ppb
Sodium	23-2	490243.54	507087.36	502940.71	500090.54	1.75	ppb
Strontium	86-1	14.60	10.73	9.23	11.52	24.02	ppb
Strontium	88-1	14.38	10.78	9.50	11.55	21.89	ppb
Sulfur	34-1	761.92	134.63	106.85	334.47	110.76	ppb
Terbium	159-1				84		%
Terbium	159-2				86		%
Thallium	203-1	0.48	0.31	0.26	0.35	32.62	ppb
Thallium	205-1	0.44	0.31	0.25	0.33	30.00	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.61	1.32	1.15	1.36	16.97	ppb
Titanium	47-1	5.16	3.87	3.28	4.10	23.41	ppb
Uranium	238-1	0.33	0.23	0.16	0.24	37.06	ppb
Vanadium	51-2	0.30	0.26	0.32	0.29	9.95	ppb
Yttrium	89-1				81		%
Yttrium	89-2				85		%
Zinc	66-2	6.93	6.97	6.51	6.80	3.71	ppb
Zirconium	90-1	0.57	0.38	0.35	0.44	27.67	ppb
Zirconium	91-1	0.57	0.39	0.33	0.43	28.98	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	476.58	499.95	480.64	485.72	2.57	ppb
Antimony	121-1	194.27	197.65	195.22	195.71	0.89	ppb
Arsenic	75-2	198.12	210.21	195.85	201.39	3.83	ppb
Barium	135-1	93.80	94.94	94.74	94.49	0.65	ppb
Barium	137-1	95.48	97.07	95.22	95.92	1.04	ppb
Beryllium	9-1	102.70	101.34	100.76	101.60	0.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	468.13	464.52	466.72	466.46	0.39	ppb
Boron	11-1	477.74	459.75	458.66	465.38	2.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.48	107.05	104.42	105.32	1.42	ppb
Cadmium	106-1	220.08	226.51	220.30	222.29	1.64	ppb
Cadmium	108-1	207.40	203.69	204.40	205.16	0.96	ppb
Calcium	43-1	2202.59	2264.45	2170.31	2212.45	2.16	ppb
Calcium	44-1	2118.45	2110.86	2067.70	2099.00	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.39	100.41	95.58	97.13	2.93	ppb
Cobalt	59-2	98.13	103.06	98.54	99.91	2.73	ppb
Copper	63-2	98.82	104.30	99.54	100.89	2.95	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				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	1999.27	2073.65	1988.61	2020.51	2.29	ppb
Iron	57-2	2035.80	2091.78	2009.23	2045.60	2.06	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2085.21	2225.64	2116.70	2142.51	3.44	ppb
Krypton	83-1						cps
Lead	206-1	181.52	178.90	180.10	180.17	0.73	ppb
Lead	207-1	168.95	169.49	168.04	168.83	0.43	ppb
Lead	208-1	186.44	182.27	184.81	184.51	1.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	1069.56	1133.26	1079.71	1094.17	3.13	ppb
Manganese	55-2	97.90	102.62	98.72	99.74	2.53	ppb
Molybdenum	94-1	4857.11	4855.02	4811.76	4841.30	0.53	ppb
Molybdenum	95-1	4901.74	4784.82	4772.61	4819.72	1.48	ppb
Molybdenum	96-1	4978.83	4843.29	4824.03	4882.05	1.73	ppb
Molybdenum	97-1	4948.75	4788.34	4785.31	4840.80	1.93	ppb
Molybdenum	98-1	4903.32	4799.95	4825.64	4842.97	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.51	112.71	109.70	110.31	1.96	ppb
Phosphorus	31-2	-11.65	-14.04	-10.36	-12.02		ppb
Potassium	39-2	1887.44	2002.56	1917.75	1935.92	3.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	208.08	206.05	208.16	207.43	0.57	ppb
Selenium	77-2	189.82	210.46	200.08	200.12	5.16	ppb
Selenium	78-2	200.96	202.64	203.68	202.43	0.68	ppb
Silicon	28-1	100.61	103.32	103.42	102.45	1.55	ppb
Silver	107-1	52.06	53.17	52.27	52.50	1.12	ppb
Silver	109-1	51.65	52.99	51.81	52.15	1.41	ppb
Sodium	23-2	1871.28	1948.94	1859.46	1893.22	2.57	ppb
Strontium	86-1	490.69	484.95	484.63	486.76	0.70	ppb
Strontium	88-1	512.20	495.62	490.15	499.32	2.30	ppb
Sulfur	34-1	117.40	-165.21	-244.35	-97.38		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	214.48	210.41	207.92	210.94	1.57	ppb
Thallium	205-1	210.95	205.46	209.34	208.58	1.35	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	542.01	539.22	529.90	537.04	1.18	ppb
Titanium	47-1	4920.75	4942.68	4908.76	4924.06	0.35	ppb
Uranium	238-1	536.41	536.09	532.09	534.86	0.45	ppb
Vanadium	51-2	92.39	96.79	92.55	93.91	2.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	201.52	213.43	203.70	206.22	3.07	ppb
Zirconium	90-1	504.96	498.85	501.03	501.62	0.62	ppb
Zirconium	91-1	498.11	506.33	501.73	502.06	0.82	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.95	18.91	21.58	19.81	7.73	ppb
Antimony	121-1	1.86	1.98	2.05	1.96	4.82	ppb
Arsenic	75-2	1.10	0.92	1.25	1.09	15.10	ppb
Barium	135-1	8.63	9.24	9.87	9.25	6.66	ppb
Barium	137-1	8.68	9.21	10.01	9.30	7.22	ppb
Beryllium	9-1	1.03	1.07	1.18	1.09	7.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	16.27	19.21	19.88	18.45	10.42	ppb
Boron	11-1	16.90	19.33	21.20	19.14	11.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.90	1.05	1.07	1.01	9.18	ppb
Cadmium	106-1	-0.71	-0.27	-1.76	-0.91		ppb
Cadmium	108-1	1.05	1.53	1.04	1.21	23.15	ppb
Calcium	43-1	462.13	457.79	489.84	469.92	3.70	ppb
Calcium	44-1	455.78	463.26	517.81	478.95	7.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.74	2.11	1.97	9.97	ppb
Cobalt	59-2	1.06	0.93	1.12	1.04	9.25	ppb
Copper	63-2	2.18	1.91	2.37	2.15	10.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	54.43	49.61	59.03	54.36	8.67	ppb
Iron	57-2	57.21	49.63	59.91	55.58	9.59	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.69	52.93	63.14	58.59	8.87	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.82	0.87	0.83	3.92	ppb
Lead	207-1	0.79	0.80	0.84	0.81	3.23	ppb
Lead	208-1	0.80	0.81	0.87	0.83	4.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	490.33	451.58	526.87	489.59	7.69	ppb
Manganese	55-2	1.09	0.99	1.20	1.09	9.81	ppb
Molybdenum	94-1	5.67	5.50	5.70	5.63	1.88	ppb
Molybdenum	95-1	4.62	4.61	4.95	4.73	4.00	ppb
Molybdenum	96-1	5.00	4.74	5.31	5.01	5.70	ppb
Molybdenum	97-1	4.78	5.00	5.32	5.04	5.42	ppb
Molybdenum	98-1	4.87	4.65	5.11	4.87	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.96	1.12	1.04	8.00	ppb
Phosphorus	31-2	-4.53	9.02	4.62	3.04	227.29	ppb
Potassium	39-2	505.07	462.63	555.84	507.85	9.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	4.88	4.62	4.63	4.71	3.12	ppb
Selenium	77-2	5.20	3.56	6.19	4.98	26.74	ppb
Selenium	78-2	4.03	4.40	6.51	4.98	26.86	ppb
Silicon	28-1	1.57	1.16	2.27	1.67	33.77	ppb
Silver	107-1	0.99	1.00	1.11	1.03	6.45	ppb
Silver	109-1	0.99	1.01	1.08	1.03	4.79	ppb
Sodium	23-2	484.22	451.14	526.30	487.22	7.73	ppb
Strontium	86-1	0.87	0.82	0.98	0.89	9.16	ppb
Strontium	88-1	0.93	0.93	0.97	0.94	2.03	ppb
Sulfur	34-1	-189.34	-302.20	136.99	-118.18		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.81	0.83	0.93	0.86	7.77	ppb
Thallium	205-1	0.83	0.85	0.94	0.87	6.25	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.78	5.01	5.26	5.02	4.72	ppb
Titanium	47-1	4.85	4.48	5.24	4.86	7.82	ppb
Uranium	238-1	0.83	0.82	0.86	0.84	2.51	ppb
Vanadium	51-2	4.81	4.56	5.27	4.88	7.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.52	1.70	2.87	2.36	25.40	ppb
Zirconium	90-1	0.93	0.88	0.95	0.92	3.83	ppb
Zirconium	91-1	0.97	0.89	1.03	0.96	7.32	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.06	0.09	0.09	27.71	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	284.20	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	149.05	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00		ppb
Beryllium	9-1	0.03	0.00	0.03	0.02	73.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.11	2.57	3.21	2.96	11.73	ppb
Boron	11-1	3.38	3.04	3.47	3.30	6.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.21	-1.03	-1.21	-1.15		ppb
Cadmium	108-1	-0.02	-0.07	-0.07	-0.05		ppb
Calcium	43-1	-2.48	-1.06	0.11	-1.14		ppb
Calcium	44-1	1.73	2.03	0.85	1.54	39.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1421.08	ppb
Copper	63-2	-0.02	-0.03	-0.05	-0.03		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				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.10	0.22	0.14	0.15	41.59	ppb
Iron	57-2	0.90	0.32	-0.41	0.27	243.78	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.10	0.23	1.25	1.19	78.57	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.01	90.87	ppb
Lead	207-1	0.01	0.00	0.00	0.00	342.38	ppb
Lead	208-1	0.01	0.00	0.00	0.00	76.93	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.22	0.01	0.22	0.00	13430.05	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	26.64	ppb
Molybdenum	94-1	-0.01	0.01	0.02	0.01	376.81	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	31.12	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	25.25	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	35.44	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	43.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.05	-0.03		ppb
Phosphorus	31-2	-10.83	-10.42	-13.04	-11.43		ppb
Potassium	39-2	1.11	-0.68	-1.59	-0.39		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.38	-0.06	0.10	-0.11		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.76	-0.34	0.83	-0.09		ppb
Silicon	28-1	0.46	0.02	1.14	0.54	105.15	ppb
Silver	107-1	0.01	0.01	0.00	0.01	91.60	ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.64	ppb
Sodium	23-2	8.60	8.40	8.47	8.49	1.23	ppb
Strontium	86-1	-0.02	0.01	0.02	0.00	635.84	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.51	ppb
Sulfur	34-1	-71.20	-172.11	165.28	-26.01		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.00	0.00	56.06	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	109.33	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.00	0.01	0.02	0.01	163.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	180.33	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	81.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.13	0.04	0.06	0.08	59.26	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSA10	Instrumnet Name :	P7
Client Sample ID :	ICSA10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:49:41	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97031.20	92653.91	93267.92	94317.67	2.51	ppb
Antimony	121-1	1.00	1.00	1.05	1.01	2.80	ppb
Arsenic	75-2	0.29	0.34	0.30	0.31	8.00	ppb
Barium	135-1	1.27	1.50	1.40	1.39	8.34	ppb
Barium	137-1	1.18	1.42	1.54	1.38	13.29	ppb
Beryllium	9-1	0.33	0.33	0.27	0.31	10.17	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	2.85	3.29	3.02	3.05	7.24	ppb
Boron	11-1	2.77	3.15	2.80	2.91	7.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.68	0.90	0.48	0.68	30.79	ppb
Cadmium	106-1	-1.99	-0.89	-1.54	-1.48		ppb
Cadmium	108-1	16.40	16.10	18.47	16.99	7.60	ppb
Calcium	43-1	89119.79	97237.57	95504.01	93953.79	4.55	ppb
Calcium	44-1	90729.65	96863.71	95407.40	94333.59	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.05	19.11	19.48	19.54	2.43	ppb
Cobalt	59-2	1.29	1.17	1.29	1.25	5.38	ppb
Copper	63-2	7.54	7.19	7.18	7.31	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	105012.51	100035.42	102635.74	102561.23	2.43	ppb
Iron	57-2	104801.82	99774.14	101100.89	101892.28	2.56	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSA10	Instrumnet Name :	P7
Client Sample ID :	ICSA10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:49:41	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	104428.96	99934.89	101052.80	101805.55	2.30	ppb
Krypton	83-1						cps
Lead	206-1	4.04	4.17	4.18	4.13	1.92	ppb
Lead	207-1	3.63	3.60	3.65	3.63	0.59	ppb
Lead	208-1	3.80	3.87	3.88	3.85	1.18	ppb
Lithium	6-1				91		%
Magnesium	24-2	94523.97	90767.32	91920.42	92403.90	2.08	ppb
Manganese	55-2	8.16	7.79	8.00	7.98	2.30	ppb
Molybdenum	94-1	1548.31	1614.21	1653.10	1605.21	3.30	ppb
Molybdenum	95-1	1857.70	1977.14	1999.48	1944.77	3.92	ppb
Molybdenum	96-1	1852.64	1949.28	1945.11	1915.68	2.85	ppb
Molybdenum	97-1	1893.59	1950.48	2006.17	1950.08	2.89	ppb
Molybdenum	98-1	1876.75	1962.42	2017.97	1952.38	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.82	5.52	5.34	5.56	4.33	ppb
Phosphorus	31-2	97408.22	92608.56	95286.70	95101.16	2.53	ppb
Potassium	39-2	97214.53	92400.46	94475.63	94696.87	2.55	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.11	0.45	0.44	0.33	57.28	ppb
Selenium	77-2	-0.09	0.49	0.50	0.30	113.17	ppb
Selenium	78-2	-0.07	-0.50	-1.27	-0.61		ppb
Silicon	28-1	5.13	6.74	6.29	6.06	13.72	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.02	ppb
Silver	109-1	0.04	0.03	0.04	0.04	20.03	ppb
Sodium	23-2	100577.48	95014.90	97129.36	97573.91	2.88	ppb
Strontium	86-1	32.84	33.53	34.36	33.58	2.27	ppb
Strontium	88-1	33.39	34.32	34.85	34.19	2.17	ppb
Sulfur	34-1	89039.56	94775.02	93693.57	92502.72	3.29	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.00	0.01	70.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.76	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSA10	Instrumnet Name :	P7
Client Sample ID :	ICSA10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:49:41	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.16	0.20	0.19	0.18	11.90	ppb
Titanium	47-1	1981.42	2132.58	2108.77	2074.26	3.92	ppb
Uranium	238-1	-0.12	-0.12	-0.12	-0.12		ppb
Vanadium	51-2	0.27	0.21	0.23	0.24	13.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	11.58	10.92	11.58	11.36	3.36	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.77	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	39.62	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91375.01	91459.99	91349.29	91394.76	0.06	ppb
Antimony	121-1	22.01	18.79	21.03	20.61	8.02	ppb
Arsenic	75-2	20.25	20.98	20.00	20.41	2.51	ppb
Barium	135-1	22.81	18.85	20.79	20.82	9.52	ppb
Barium	137-1	22.65	19.36	20.91	20.97	7.85	ppb
Beryllium	9-1	22.70	19.23	21.43	21.12	8.33	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	50.37	44.71	48.46	47.85	6.03	ppb
Boron	11-1	53.29	44.84	48.18	48.77	8.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	21.33	17.60	19.83	19.59	9.57	ppb
Cadmium	106-1	26.86	19.64	23.93	23.48	15.48	ppb
Cadmium	108-1	45.03	35.32	40.31	40.22	12.07	ppb
Calcium	43-1	100352.00	84560.74	96855.60	93922.78	8.83	ppb
Calcium	44-1	100278.15	85816.24	96205.44	94099.94	7.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.96	38.68	38.74	38.79	0.39	ppb
Cobalt	59-2	20.40	20.88	20.40	20.56	1.35	ppb
Copper	63-2	26.03	25.56	25.99	25.86	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				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	101540.76	100682.29	100507.96	100910.34	0.55	ppb
Iron	57-2	100778.31	100757.83	99864.95	100467.03	0.52	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102141.84	100168.97	101578.18	101296.33	1.00	ppb
Krypton	83-1						cps
Lead	206-1	24.78	21.03	23.06	22.96	8.16	ppb
Lead	207-1	23.15	19.48	21.13	21.25	8.64	ppb
Lead	208-1	23.74	20.14	22.05	21.97	8.20	ppb
Lithium	6-1				90		%
Magnesium	24-2	90531.06	89587.07	90337.24	90151.79	0.55	ppb
Manganese	55-2	27.05	27.17	26.99	27.07	0.32	ppb
Molybdenum	94-1	1845.74	1522.74	1724.11	1697.53	9.61	ppb
Molybdenum	95-1	2158.82	1782.74	1998.61	1980.06	9.53	ppb
Molybdenum	96-1	2135.88	1786.53	2025.31	1982.57	9.01	ppb
Molybdenum	97-1	2170.64	1819.08	2052.07	2013.93	8.88	ppb
Molybdenum	98-1	2120.40	1800.67	2024.94	1982.00	8.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.74	24.67	24.57	24.66	0.35	ppb
Phosphorus	31-2	95389.86	94707.99	94561.10	94886.32	0.47	ppb
Potassium	39-2	94037.47	92773.23	93219.27	93343.32	0.69	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	20.75	17.93	20.97	19.88	8.52	ppb
Selenium	77-2	20.56	18.69	16.34	18.53	11.42	ppb
Selenium	78-2	21.72	22.36	19.68	21.25	6.59	ppb
Silicon	28-1	17.23	12.50	15.79	15.18	15.99	ppb
Silver	107-1	20.13	16.96	18.83	18.64	8.55	ppb
Silver	109-1	20.11	16.90	18.81	18.61	8.67	ppb
Sodium	23-2	96026.79	95031.30	95604.73	95554.27	0.52	ppb
Strontium	86-1	87.73	74.30	85.48	82.50	8.72	ppb
Strontium	88-1	90.55	77.23	86.56	84.78	8.06	ppb
Sulfur	34-1	101459.81	84824.92	95400.55	93895.09	8.97	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	20.99	17.99	19.73	19.57	7.71	ppb
Thallium	205-1	20.94	17.87	19.57	19.46	7.90	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	53.10	44.53	49.99	49.21	8.82	ppb
Titanium	47-1	2285.32	1988.80	2194.84	2156.32	7.05	ppb
Uranium	238-1	54.34	46.61	51.04	50.66	7.66	ppb
Vanadium	51-2	19.31	19.25	19.13	19.23	0.48	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	30.08	29.05	29.42	29.52	1.76	ppb
Zirconium	90-1	53.44	45.26	51.63	50.11	8.58	ppb
Zirconium	91-1	54.68	46.90	51.18	50.92	7.66	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48848.93	49577.15	49248.91	49225.00	0.74	ppb
Antimony	121-1	484.99	501.53	496.62	494.38	1.72	ppb
Arsenic	75-2	470.67	470.86	477.50	473.01	0.82	ppb
Barium	135-1	2516.02	2565.28	2580.43	2553.91	1.32	ppb
Barium	137-1	2504.76	2585.72	2605.83	2565.44	2.09	ppb
Beryllium	9-1	498.08	508.06	508.41	504.85	1.16	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	446.84	487.47	497.16	477.16	5.59	ppb
Boron	11-1	455.58	500.52	499.92	485.34	5.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	471.55	481.48	489.27	480.77	1.85	ppb
Cadmium	106-1	489.25	512.19	503.56	501.67	2.31	ppb
Cadmium	108-1	490.43	501.06	522.01	504.50	3.18	ppb
Calcium	43-1	224807.07	240993.78	237915.50	234572.11	3.66	ppb
Calcium	44-1	227340.41	238973.39	234731.22	233681.67	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.26	513.04	516.47	511.92	1.01	ppb
Cobalt	59-2	487.64	506.34	498.76	497.58	1.89	ppb
Copper	63-2	4921.62	5050.24	5010.70	4994.19	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	56-2	124765.51	124938.46	125366.79	125023.59	0.25	ppb
Iron	57-2	125395.69	126700.79	127955.36	126683.95	1.01	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124553.93	129813.58	127420.39	127262.63	2.07	ppb
Krypton	83-1						cps
Lead	206-1	2569.99	2665.71	2646.92	2627.54	1.93	ppb
Lead	207-1	2587.03	2718.48	2653.38	2652.96	2.48	ppb
Lead	208-1	2590.69	2702.97	2659.64	2651.10	2.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	245597.05	247399.97	249712.35	247569.79	0.83	ppb
Manganese	55-2	4896.36	5005.77	4934.61	4945.58	1.12	ppb
Molybdenum	94-1	4977.55	5206.57	5212.84	5132.32	2.61	ppb
Molybdenum	95-1	4994.46	5154.57	5312.21	5153.75	3.08	ppb
Molybdenum	96-1	5046.83	5198.75	5311.81	5185.80	2.56	ppb
Molybdenum	97-1	5079.61	5301.38	5269.44	5216.81	2.30	ppb
Molybdenum	98-1	4985.50	5173.99	5255.22	5138.24	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.41	496.38	493.35	491.05	1.38	ppb
Phosphorus	31-2	9707.89	9918.89	9966.57	9864.45	1.40	ppb
Potassium	39-2	121311.83	123960.82	121946.07	122406.24	1.13	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	470.73	484.85	491.14	482.24	2.17	ppb
Selenium	77-2	479.45	472.54	485.64	479.21	1.37	ppb
Selenium	78-2	484.52	479.49	480.95	481.66	0.54	ppb
Silicon	28-1	452.90	485.16	477.04	471.70	3.56	ppb
Silver	107-1	474.04	493.71	497.73	488.49	2.60	ppb
Silver	109-1	478.20	491.87	503.48	491.18	2.58	ppb
Sodium	23-2	243943.88	245823.40	247433.22	245733.50	0.71	ppb
Strontium	86-1	12441.72	12856.83	12979.75	12759.43	2.21	ppb
Strontium	88-1	12686.71	13090.77	12974.45	12917.31	1.61	ppb
Sulfur	34-1	9181.48	9896.66	9742.05	9606.73	3.92	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	532.05	540.96	540.56	537.86	0.94	ppb
Thallium	205-1	528.56	533.78	540.16	534.16	1.09	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	492.90	514.20	507.63	504.91	2.16	ppb
Titanium	47-1	5091.50	5287.22	5189.49	5189.41	1.89	ppb
Uranium	238-1	535.80	547.65	555.55	546.33	1.82	ppb
Vanadium	51-2	502.59	511.42	511.66	508.55	1.02	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	4766.10	4788.53	4858.17	4804.27	1.00	ppb
Zirconium	90-1	503.61	517.16	523.70	514.83	1.99	ppb
Zirconium	91-1	509.65	520.72	529.00	519.79	1.87	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.07	-0.03	0.01	631.93	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	16.23	ppb
Arsenic	75-2	0.02	0.03	0.00	0.02	103.03	ppb
Barium	135-1	0.01	0.00	0.01	0.01	64.85	ppb
Barium	137-1	0.01	0.00	0.00	0.00	456.36	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	77.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	3.28	3.38	3.43	3.37	2.28	ppb
Boron	11-1	3.45	3.71	3.42	3.53	4.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-1.89	-2.95	-2.52	-2.45		ppb
Cadmium	108-1	-0.05	-0.07	0.00	-0.04		ppb
Calcium	43-1	0.91	-1.34	-0.74	-0.39		ppb
Calcium	44-1	5.58	3.64	4.50	4.57	21.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	662.23	ppb
Copper	63-2	0.04	0.01	0.01	0.02	64.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.62	0.56	0.60	0.59	5.60	ppb
Iron	57-2	0.98	1.61	0.77	1.12	38.87	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.65	1.11	2.10	1.62	30.76	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	32.59	ppb
Lead	207-1	0.02	0.02	0.01	0.01	49.03	ppb
Lead	208-1	0.02	0.01	0.01	0.02	36.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.47	0.43	0.48	0.46	6.42	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	44.44	ppb
Molybdenum	94-1	0.09	0.07	0.06	0.07	25.50	ppb
Molybdenum	95-1	0.07	0.04	0.06	0.06	23.71	ppb
Molybdenum	96-1	0.08	0.04	0.06	0.06	33.81	ppb
Molybdenum	97-1	0.08	0.05	0.04	0.05	41.30	ppb
Molybdenum	98-1	0.08	0.06	0.04	0.06	39.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-23.44	-7.32	-14.19	-14.98		ppb
Potassium	39-2	1.94	-2.41	-0.90	-0.46		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.19	-0.21	-0.18	-0.19		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-1.32	-0.16	-0.51	-0.67		ppb
Silicon	28-1	0.54	0.73	0.82	0.70	20.59	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.34	ppb
Sodium	23-2	15.87	14.79	14.34	15.00	5.24	ppb
Strontium	86-1	0.02	0.03	0.06	0.04	63.97	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	37.15	ppb
Sulfur	34-1	-87.15	-18.03	-17.45	-40.88		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.02	0.01	98.57	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.09	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	0.01	0.00	0.01	76.53	ppb
Titanium	47-1	0.02	0.04	0.07	0.04	57.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.38	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	76.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.35	0.13	0.13	0.20	61.22	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	146.80	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	197.55	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.51	19.31	19.86	18.56	9.68	ppb
Antimony	121-1	1.96	1.87	1.99	1.94	3.25	ppb
Arsenic	75-2	1.19	0.97	1.00	1.05	11.17	ppb
Barium	135-1	9.15	9.41	9.18	9.25	1.52	ppb
Barium	137-1	9.31	9.43	9.33	9.36	0.65	ppb
Beryllium	9-1	1.06	1.13	1.05	1.08	4.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	17.17	19.01	19.10	18.43	5.89	ppb
Boron	11-1	17.89	19.33	18.92	18.71	3.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.00	1.16	1.01	1.06	8.43	ppb
Cadmium	106-1	-1.64	-0.47	-0.94	-1.02		ppb
Cadmium	108-1	1.01	1.15	0.98	1.05	9.00	ppb
Calcium	43-1	465.23	484.54	493.43	481.07	3.00	ppb
Calcium	44-1	484.24	480.51	472.34	479.03	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.91	1.80	1.83	3.64	ppb
Cobalt	59-2	0.96	1.01	0.94	0.97	3.74	ppb
Copper	63-2	2.00	2.17	2.09	2.09	4.01	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				101		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	49.57	52.91	50.80	51.09	3.31	ppb
Iron	57-2	48.75	54.07	52.89	51.90	5.38	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.96	54.92	49.85	52.24	4.88	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.83	0.79	0.81	2.55	ppb
Lead	207-1	0.81	0.76	0.80	0.79	2.86	ppb
Lead	208-1	0.82	0.83	0.79	0.82	2.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	444.00	477.64	445.94	455.86	4.14	ppb
Manganese	55-2	0.98	1.02	0.99	1.00	2.25	ppb
Molybdenum	94-1	5.75	5.63	5.38	5.59	3.42	ppb
Molybdenum	95-1	4.67	4.87	4.76	4.77	2.13	ppb
Molybdenum	96-1	5.09	5.01	4.91	5.00	1.86	ppb
Molybdenum	97-1	5.02	4.78	4.89	4.89	2.45	ppb
Molybdenum	98-1	4.87	4.82	4.87	4.85	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.07	0.99	1.01	5.27	ppb
Phosphorus	31-2	-5.99	-2.02	-0.61	-2.87		ppb
Potassium	39-2	457.26	487.84	466.40	470.50	3.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	5.28	5.64	4.55	5.16	10.72	ppb
Selenium	77-2	3.89	8.65	4.44	5.66	46.03	ppb
Selenium	78-2	4.78	6.32	5.49	5.53	14.02	ppb
Silicon	28-1	2.45	1.87	1.75	2.03	18.50	ppb
Silver	107-1	1.10	1.02	1.04	1.06	4.11	ppb
Silver	109-1	1.02	1.04	1.05	1.04	1.44	ppb
Sodium	23-2	437.76	473.67	446.72	452.72	4.13	ppb
Strontium	86-1	0.93	0.98	0.93	0.95	3.19	ppb
Strontium	88-1	0.99	0.97	0.98	0.98	1.08	ppb
Sulfur	34-1	242.28	27.69	-69.80	66.72	239.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.85	0.80	0.85	0.83	3.28	ppb
Thallium	205-1	0.85	0.81	0.84	0.84	2.30	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.09	4.85	5.41	5.11	5.47	ppb
Titanium	47-1	5.06	4.82	4.80	4.89	2.93	ppb
Uranium	238-1	0.85	0.85	0.81	0.84	2.76	ppb
Vanadium	51-2	4.53	4.67	4.58	4.59	1.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	2.25	2.23	2.49	2.32	6.15	ppb
Zirconium	90-1	0.93	0.88	0.92	0.91	2.56	ppb
Zirconium	91-1	0.94	0.83	0.96	0.91	7.46	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.33	14.87	14.03	14.08	5.49	ppb
Antimony	121-1	0.70	0.66	0.76	0.71	7.14	ppb
Arsenic	75-2	0.88	0.85	0.72	0.82	10.42	ppb
Barium	135-1	2.84	3.30	3.43	3.19	9.61	ppb
Barium	137-1	3.13	3.35	3.40	3.29	4.44	ppb
Beryllium	9-1	0.70	0.77	0.73	0.74	4.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	1.67	1.51	1.86	1.68	10.19	ppb
Boron	11-1	1.67	1.86	1.53	1.69	9.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.79	0.72	0.79	0.77	4.95	ppb
Cadmium	106-1	-0.47	-0.49	0.34	-0.21		ppb
Cadmium	108-1	0.65	0.58	0.55	0.59	9.28	ppb
Calcium	43-1	63.91	64.07	61.60	63.20	2.19	ppb
Calcium	44-1	65.54	67.36	67.68	66.86	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.66	0.70	0.67	4.10	ppb
Cobalt	59-2	0.75	0.75	0.73	0.74	1.53	ppb
Copper	63-2	1.36	1.55	1.48	1.46	6.49	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				106		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	36.93	38.46	38.33	37.91	2.24	ppb
Iron	57-2	33.07	39.43	37.88	36.79	9.02	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	38.08	38.14	39.26	38.50	1.73	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.56	0.57	0.55	3.47	ppb
Lead	207-1	0.51	0.57	0.62	0.57	9.15	ppb
Lead	208-1	0.54	0.57	0.59	0.57	4.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	68.01	68.81	70.04	68.96	1.49	ppb
Manganese	55-2	1.39	1.34	1.44	1.39	3.69	ppb
Molybdenum	94-1	1.59	1.73	1.61	1.64	4.79	ppb
Molybdenum	95-1	0.65	0.64	0.65	0.64	0.92	ppb
Molybdenum	96-1	0.76	0.79	0.80	0.78	2.80	ppb
Molybdenum	97-1	0.66	0.65	0.72	0.68	5.42	ppb
Molybdenum	98-1	0.61	0.65	0.71	0.65	7.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.79	0.69	0.75	7.00	ppb
Phosphorus	31-2	-2.52	-0.76	-6.45	-3.24		ppb
Potassium	39-2	32.79	37.37	37.61	35.92	7.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.53	0.43	0.54	0.50	12.46	ppb
Selenium	77-2	0.44	-0.09	0.73	0.36	115.90	ppb
Selenium	78-2	0.54	-0.02	0.46	0.33	92.42	ppb
Silicon	28-1	-0.18	-0.27	-0.02	-0.16		ppb
Silver	107-1	0.70	0.71	0.76	0.72	4.70	ppb
Silver	109-1	0.70	0.72	0.73	0.72	1.95	ppb
Sodium	23-2	70.23	72.36	71.77	71.45	1.54	ppb
Strontium	86-1	0.57	0.61	0.68	0.62	9.00	ppb
Strontium	88-1	0.65	0.67	0.68	0.67	2.16	ppb
Sulfur	34-1	-131.61	-124.76	-178.68	-145.01		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.57	0.61	0.58	0.59	4.06	ppb
Thallium	205-1	0.58	0.61	0.60	0.60	3.20	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.68	0.68	0.77	0.71	7.50	ppb
Titanium	47-1	0.61	0.61	0.67	0.63	5.55	ppb
Uranium	238-1	0.55	0.58	0.62	0.58	5.72	ppb
Vanadium	51-2	0.69	0.69	0.63	0.67	5.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1.49	1.51	1.69	1.56	7.30	ppb
Zirconium	90-1	0.57	0.59	0.61	0.59	3.42	ppb
Zirconium	91-1	0.48	0.64	0.63	0.58	15.56	ppb

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : N4955-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT4-2022 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:37:17 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	5.05	5.21	4.98	5.48	ppb
Antimony	121-1	0.25	0.28	0.26	0.27	4.42	ppb
Arsenic	75-2	0.26	0.30	0.23	0.26	13.44	ppb
Barium	135-1	1.24	1.31	1.17	1.24	5.63	ppb
Barium	137-1	1.09	1.21	1.19	1.16	5.34	ppb
Beryllium	9-1	0.28	0.27	0.27	0.27	3.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	0.89	1.30	1.42	1.20	22.92	ppb
Boron	11-1	1.22	1.39	1.30	1.31	6.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.29	0.25	0.33	0.29	13.66	ppb
Cadmium	106-1	0.15	-0.39	-0.88	-0.37		ppb
Cadmium	108-1	0.16	0.12	0.38	0.22	64.52	ppb
Calcium	43-1	25.17	22.55	20.70	22.80	9.84	ppb
Calcium	44-1	25.03	27.38	25.30	25.90	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.23	0.21	0.23	12.12	ppb
Cobalt	59-2	0.26	0.25	0.26	0.26	1.06	ppb
Copper	63-2	0.49	0.54	0.51	0.51	4.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12.99	13.13	13.74	13.29	3.00	ppb
Iron	57-2	13.72	13.65	14.07	13.81	1.62	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:37:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12.71	12.10	13.53	12.78	5.59	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.21	0.21	3.05	ppb
Lead	207-1	0.21	0.20	0.23	0.22	6.13	ppb
Lead	208-1	0.21	0.21	0.21	0.21	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	23.58	24.50	24.45	24.18	2.12	ppb
Manganese	55-2	0.49	0.49	0.50	0.50	0.85	ppb
Molybdenum	94-1	1.45	1.49	1.52	1.49	2.45	ppb
Molybdenum	95-1	1.22	1.18	1.26	1.22	3.06	ppb
Molybdenum	96-1	1.31	1.30	1.29	1.30	0.85	ppb
Molybdenum	97-1	1.14	1.14	1.29	1.19	7.36	ppb
Molybdenum	98-1	1.14	1.24	1.22	1.20	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.22	0.26	0.22	19.00	ppb
Phosphorus	31-2	-19.52	-0.52	-4.97	-8.34		ppb
Potassium	39-2	7.52	10.35	12.74	10.21	25.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.99	1.98	2.54	2.17	14.76	ppb
Selenium	77-2	3.92	2.60	1.26	2.59	51.31	ppb
Selenium	78-2	2.01	2.40	3.87	2.76	35.63	ppb
Silicon	28-1	0.20	-0.28	-0.20	-0.09		ppb
Silver	107-1	0.27	0.27	0.31	0.28	7.92	ppb
Silver	109-1	0.28	0.27	0.28	0.28	1.94	ppb
Sodium	23-2	25.29	25.90	26.73	25.97	2.78	ppb
Strontium	86-1	0.20	0.27	0.26	0.24	15.16	ppb
Strontium	88-1	0.24	0.23	0.24	0.24	4.07	ppb
Sulfur	34-1	99.07	-15.52	-42.50	13.68	549.36	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.21	0.20	0.21	6.52	ppb
Thallium	205-1	0.22	0.24	0.22	0.22	4.74	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:37:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.26	0.56	0.31	0.38	41.72	ppb
Titanium	47-1	1.33	1.30	1.27	1.30	2.50	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	0.82	ppb
Vanadium	51-2	0.21	0.20	0.22	0.21	5.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.56	0.50	0.33	0.47	25.00	ppb
Zirconium	90-1	0.23	0.23	0.23	0.23	1.69	ppb
Zirconium	91-1	0.20	0.20	0.16	0.19	12.65	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:40:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.09	14.95	13.66	14.57	5.41	ppb
Antimony	121-1	0.68	0.65	0.73	0.69	5.86	ppb
Arsenic	75-2	0.88	0.77	0.80	0.82	7.26	ppb
Barium	135-1	3.36	3.51	3.36	3.41	2.55	ppb
Barium	137-1	3.34	3.35	3.30	3.33	0.80	ppb
Beryllium	9-1	0.79	0.73	0.71	0.74	5.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	1.31	1.24	1.20	1.25	4.24	ppb
Boron	11-1	1.18	1.38	1.25	1.27	8.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.71	0.84	0.78	0.78	8.25	ppb
Cadmium	106-1	1.49	3.68	-0.05	1.71	109.74	ppb
Cadmium	108-1	0.62	0.78	1.05	0.82	26.33	ppb
Calcium	43-1	63.71	66.74	69.94	66.80	4.66	ppb
Calcium	44-1	67.91	72.60	71.22	70.58	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.67	0.76	0.72	6.32	ppb
Cobalt	59-2	0.76	0.72	0.74	0.74	2.81	ppb
Copper	63-2	1.46	1.42	1.45	1.44	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	39.55	38.73	39.71	39.33	1.33	ppb
Iron	57-2	38.24	40.81	37.16	38.74	4.85	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:40:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	40.54	40.09	38.42	39.68	2.81	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.60	0.62	0.60	2.63	ppb
Lead	207-1	0.57	0.58	0.61	0.59	4.18	ppb
Lead	208-1	0.57	0.59	0.62	0.60	4.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	72.14	72.35	71.50	72.00	0.62	ppb
Manganese	55-2	1.40	1.37	1.45	1.41	3.09	ppb
Molybdenum	94-1	1.64	1.78	1.92	1.78	8.00	ppb
Molybdenum	95-1	0.68	0.73	0.73	0.71	4.14	ppb
Molybdenum	96-1	0.74	0.72	0.80	0.75	5.04	ppb
Molybdenum	97-1	0.70	0.66	0.67	0.68	2.36	ppb
Molybdenum	98-1	0.69	0.67	0.68	0.68	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.75	0.82	0.76	7.03	ppb
Phosphorus	31-2	-4.57	13.00	-1.96	2.16	439.85	ppb
Potassium	39-2	40.23	37.78	37.58	38.53	3.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.35	0.59	0.76	0.56	36.23	ppb
Selenium	77-2	1.51	0.73	0.18	0.81	83.22	ppb
Selenium	78-2	1.03	0.63	1.32	0.99	35.18	ppb
Silicon	28-1	0.12	0.17	0.19	0.16	21.33	ppb
Silver	107-1	0.74	0.80	0.80	0.78	4.62	ppb
Silver	109-1	0.79	0.73	0.78	0.76	4.18	ppb
Sodium	23-2	73.92	72.83	73.92	73.56	0.86	ppb
Strontium	86-1	0.72	0.74	0.66	0.70	5.60	ppb
Strontium	88-1	0.64	0.68	0.70	0.67	4.79	ppb
Sulfur	34-1	-143.89	-119.30	-68.26	-110.48		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.61	0.66	0.63	0.63	3.58	ppb
Thallium	205-1	0.59	0.61	0.61	0.60	1.75	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:40:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.62	0.86	0.90	0.79	19.09	ppb
Titanium	47-1	0.79	0.78	0.70	0.76	6.51	ppb
Uranium	238-1	0.60	0.61	0.63	0.62	2.51	ppb
Vanadium	51-2	0.73	0.75	0.71	0.73	2.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	1.72	1.52	1.66	1.63	6.52	ppb
Zirconium	90-1	0.59	0.66	0.67	0.64	6.20	ppb
Zirconium	91-1	0.63	0.58	0.68	0.63	8.65	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	5.04	5.20	5.32	6.80	ppb
Antimony	121-1	0.25	0.25	0.27	0.26	5.27	ppb
Arsenic	75-2	0.21	0.25	0.31	0.26	20.28	ppb
Barium	135-1	1.16	1.16	1.13	1.15	1.41	ppb
Barium	137-1	1.22	1.23	1.22	1.22	0.64	ppb
Beryllium	9-1	0.26	0.30	0.26	0.27	8.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	0.86	1.13	1.03	1.01	13.34	ppb
Boron	11-1	0.97	1.00	0.93	0.97	3.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.29	0.29	0.30	0.29	1.19	ppb
Cadmium	106-1	0.54	2.05	0.85	1.15	69.65	ppb
Cadmium	108-1	0.14	0.25	0.21	0.20	29.41	ppb
Calcium	43-1	23.64	28.06	26.62	26.11	8.64	ppb
Calcium	44-1	27.32	26.93	25.59	26.61	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.23	0.23	0.24	9.39	ppb
Cobalt	59-2	0.26	0.28	0.26	0.27	3.63	ppb
Copper	63-2	0.55	0.48	0.48	0.51	8.01	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				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	13.59	13.33	13.94	13.62	2.25	ppb
Iron	57-2	14.14	10.75	16.21	13.70	20.10	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11.54	14.30	16.40	14.08	17.31	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.23	0.22	0.22	5.54	ppb
Lead	207-1	0.21	0.21	0.19	0.20	5.83	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	25.40	25.04	24.74	25.06	1.32	ppb
Manganese	55-2	0.47	0.52	0.50	0.50	4.50	ppb
Molybdenum	94-1	1.43	1.36	1.40	1.40	2.32	ppb
Molybdenum	95-1	1.17	1.23	1.31	1.24	5.32	ppb
Molybdenum	96-1	1.28	1.23	1.28	1.27	2.40	ppb
Molybdenum	97-1	1.28	1.18	1.11	1.19	7.07	ppb
Molybdenum	98-1	1.25	1.24	1.19	1.22	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.30	0.22	0.24	19.87	ppb
Phosphorus	31-2	-9.69	-16.66	-9.65	-12.00		ppb
Potassium	39-2	8.08	10.86	11.48	10.14	17.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	1.85	2.35	2.39	2.20	13.90	ppb
Selenium	77-2	1.53	3.93	2.89	2.79	43.26	ppb
Selenium	78-2	2.97	3.14	2.64	2.92	8.66	ppb
Silicon	28-1	0.25	0.10	0.24	0.19	42.23	ppb
Silver	107-1	0.26	0.30	0.28	0.28	6.92	ppb
Silver	109-1	0.28	0.26	0.28	0.27	5.27	ppb
Sodium	23-2	26.39	26.19	25.34	25.97	2.15	ppb
Strontium	86-1	0.27	0.25	0.20	0.24	16.92	ppb
Strontium	88-1	0.25	0.24	0.24	0.24	1.96	ppb
Sulfur	34-1	51.04	20.18	-128.35	-19.05		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.23	0.22	0.22	0.22	4.01	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	3.06	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.25	0.24	0.30	0.26	11.81	ppb
Titanium	47-1	1.38	1.47	1.42	1.43	3.27	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.82	ppb
Vanadium	51-2	0.28	0.26	0.21	0.25	13.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.48	0.49	0.57	0.51	9.39	ppb
Zirconium	90-1	0.23	0.22	0.21	0.22	3.67	ppb
Zirconium	91-1	0.24	0.25	0.23	0.24	3.87	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:45:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.11	14.28	14.00	14.46	3.99	ppb
Antimony	121-1	0.68	0.70	0.73	0.70	3.68	ppb
Arsenic	75-2	0.79	0.69	0.79	0.76	7.41	ppb
Barium	135-1	3.35	3.34	3.51	3.40	2.81	ppb
Barium	137-1	3.35	3.54	3.48	3.46	2.79	ppb
Beryllium	9-1	0.73	0.77	0.80	0.77	4.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	0.86	1.03	0.67	0.85	21.35	ppb
Boron	11-1	0.99	1.12	1.10	1.07	6.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.79	0.83	0.81	0.81	2.22	ppb
Cadmium	106-1	1.62	1.43	0.51	1.19	49.81	ppb
Cadmium	108-1	0.88	0.51	0.68	0.69	27.29	ppb
Calcium	43-1	65.94	71.88	72.53	70.12	5.18	ppb
Calcium	44-1	67.58	73.85	74.79	72.07	5.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.70	0.67	0.80	0.72	9.66	ppb
Cobalt	59-2	0.75	0.74	0.74	0.74	0.60	ppb
Copper	63-2	1.48	1.50	1.47	1.49	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	39.69	39.45	39.79	39.64	0.44	ppb
Iron	57-2	36.88	39.53	38.42	38.27	3.48	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:45:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	39.65	42.14	40.41	40.73	3.13	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.61	0.61	0.60	2.53	ppb
Lead	207-1	0.56	0.58	0.59	0.58	2.79	ppb
Lead	208-1	0.57	0.60	0.62	0.60	4.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	72.96	71.67	72.21	72.28	0.90	ppb
Manganese	55-2	1.39	1.43	1.45	1.43	2.31	ppb
Molybdenum	94-1	1.65	1.85	2.03	1.85	10.23	ppb
Molybdenum	95-1	0.58	0.64	0.73	0.65	11.36	ppb
Molybdenum	96-1	0.78	0.83	0.76	0.79	4.65	ppb
Molybdenum	97-1	0.62	0.67	0.71	0.67	6.80	ppb
Molybdenum	98-1	0.64	0.69	0.70	0.68	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.73	0.78	0.75	3.71	ppb
Phosphorus	31-2	-0.01	4.98	13.96	6.31	112.15	ppb
Potassium	39-2	34.50	36.89	33.50	34.97	4.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.25	0.50	0.50	0.41	34.98	ppb
Selenium	77-2	0.98	2.04	0.71	1.24	56.83	ppb
Selenium	78-2	1.26	0.17	0.59	0.68	81.46	ppb
Silicon	28-1	-0.37	0.34	0.71	0.23	241.32	ppb
Silver	107-1	0.75	0.81	0.78	0.78	4.26	ppb
Silver	109-1	0.76	0.78	0.77	0.77	1.20	ppb
Sodium	23-2	73.69	72.60	72.85	73.05	0.78	ppb
Strontium	86-1	0.64	0.62	0.67	0.64	3.63	ppb
Strontium	88-1	0.67	0.69	0.71	0.69	3.20	ppb
Sulfur	34-1	-320.88	-128.42	122.47	-108.94		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.58	0.59	0.62	0.60	3.99	ppb
Thallium	205-1	0.61	0.63	0.64	0.63	2.39	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:45:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.86	0.83	0.72	0.81	9.10	ppb
Titanium	47-1	0.74	0.81	0.69	0.75	7.94	ppb
Uranium	238-1	0.59	0.63	0.64	0.62	4.40	ppb
Vanadium	51-2	0.71	0.67	0.69	0.69	2.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1.66	1.48	1.53	1.56	6.06	ppb
Zirconium	90-1	0.61	0.65	0.65	0.64	3.46	ppb
Zirconium	91-1	0.62	0.69	0.68	0.66	6.12	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.27	4.63	4.45	4.78	9.04	ppb
Antimony	121-1	0.28	0.27	0.24	0.26	7.26	ppb
Arsenic	75-2	0.26	0.23	0.22	0.23	7.99	ppb
Barium	135-1	1.18	1.37	1.24	1.26	7.93	ppb
Barium	137-1	1.16	1.24	1.16	1.19	3.60	ppb
Beryllium	9-1	0.30	0.32	0.26	0.29	10.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	0.81	0.71	0.71	0.75	7.58	ppb
Boron	11-1	0.72	0.66	0.71	0.70	4.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.31	0.29	0.29	0.30	3.60	ppb
Cadmium	106-1	0.34	0.67	0.42	0.48	35.25	ppb
Cadmium	108-1	0.20	0.21	0.13	0.18	24.98	ppb
Calcium	43-1	19.37	22.77	29.31	23.82	21.20	ppb
Calcium	44-1	24.67	25.77	27.17	25.87	4.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.17	0.23	0.23	24.66	ppb
Cobalt	59-2	0.29	0.29	0.27	0.28	3.46	ppb
Copper	63-2	0.50	0.48	0.55	0.51	6.49	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				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	13.06	13.19	13.90	13.38	3.38	ppb
Iron	57-2	14.44	14.09	16.16	14.90	7.45	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11.48	13.63	16.91	14.01	19.51	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.23	0.23	0.23	0.80	ppb
Lead	207-1	0.24	0.23	0.22	0.23	5.39	ppb
Lead	208-1	0.24	0.24	0.23	0.24	3.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	24.69	23.46	24.49	24.22	2.73	ppb
Manganese	55-2	0.52	0.49	0.50	0.50	3.30	ppb
Molybdenum	94-1	1.38	1.28	1.45	1.37	5.95	ppb
Molybdenum	95-1	1.20	1.32	1.19	1.24	6.03	ppb
Molybdenum	96-1	1.17	1.40	1.20	1.26	9.72	ppb
Molybdenum	97-1	1.17	1.30	1.16	1.21	6.26	ppb
Molybdenum	98-1	1.23	1.30	1.23	1.25	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.28	0.27	0.29	6.97	ppb
Phosphorus	31-2	-9.68	-13.76	-5.49	-9.64		ppb
Potassium	39-2	13.70	6.10	12.22	10.67	37.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	2.31	2.42	1.76	2.16	16.18	ppb
Selenium	77-2	2.25	1.73	2.10	2.03	13.37	ppb
Selenium	78-2	2.80	2.39	2.35	2.51	9.86	ppb
Silicon	28-1	0.11	0.73	0.30	0.38	83.47	ppb
Silver	107-1	0.25	0.23	0.26	0.25	6.54	ppb
Silver	109-1	0.26	0.29	0.30	0.28	7.19	ppb
Sodium	23-2	24.23	23.24	25.33	24.27	4.30	ppb
Strontium	86-1	0.25	0.26	0.26	0.26	2.11	ppb
Strontium	88-1	0.23	0.25	0.23	0.24	4.62	ppb
Sulfur	34-1	-153.38	89.95	-88.86	-50.76		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.26	0.21	0.24	11.24	ppb
Thallium	205-1	0.22	0.23	0.22	0.22	4.05	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.26	0.35	0.32	0.31	15.14	ppb
Titanium	47-1	1.21	1.31	1.32	1.28	4.82	ppb
Uranium	238-1	0.24	0.25	0.24	0.24	2.59	ppb
Vanadium	51-2	0.21	0.22	0.24	0.22	6.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.45	0.43	0.61	0.50	20.08	ppb
Zirconium	90-1	0.21	0.24	0.23	0.22	5.06	ppb
Zirconium	91-1	0.25	0.17	0.27	0.23	21.97	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.84	9.09	8.19	9.04	9.16	ppb
Antimony	121-1	0.87	0.97	0.89	0.91	5.84	ppb
Arsenic	75-2	0.52	0.50	0.48	0.50	4.31	ppb
Barium	135-1	4.06	4.31	4.20	4.19	2.99	ppb
Barium	137-1	4.33	4.31	4.18	4.27	1.93	ppb
Beryllium	9-1	0.52	0.47	0.52	0.50	5.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	7.25	8.07	8.84	8.05	9.85	ppb
Boron	11-1	7.71	8.31	8.47	8.16	4.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.50	0.48	0.43	0.47	7.29	ppb
Cadmium	106-1	-1.42	-2.14	-0.66	-1.40		ppb
Cadmium	108-1	0.44	0.58	0.44	0.49	16.48	ppb
Calcium	43-1	193.77	204.06	238.36	212.06	11.01	ppb
Calcium	44-1	213.36	219.46	224.86	219.22	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.84	0.84	0.87	0.85	2.25	ppb
Cobalt	59-2	0.49	0.42	0.44	0.45	7.90	ppb
Copper	63-2	0.98	0.86	0.97	0.93	7.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	95.50	93.12	95.02	94.55	1.33	ppb
Iron	57-2	96.53	93.48	99.30	96.44	3.02	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	98.69	90.37	103.89	97.65	6.99	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.39	0.36	0.37	4.92	ppb
Lead	207-1	0.34	0.37	0.39	0.37	6.23	ppb
Lead	208-1	0.35	0.37	0.38	0.37	3.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	215.10	212.05	212.18	213.11	0.81	ppb
Manganese	55-2	0.50	0.40	0.45	0.45	11.42	ppb
Molybdenum	94-1	2.57	2.42	2.41	2.47	3.53	ppb
Molybdenum	95-1	2.21	2.25	2.15	2.20	2.40	ppb
Molybdenum	96-1	2.24	2.26	2.21	2.23	1.24	ppb
Molybdenum	97-1	2.22	1.96	2.18	2.12	6.66	ppb
Molybdenum	98-1	2.12	2.28	2.15	2.18	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.40	0.50	0.46	12.39	ppb
Phosphorus	31-2	-11.31	-7.91	-2.45	-7.22		ppb
Potassium	39-2	226.41	203.23	221.30	216.98	5.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	2.81	3.40	3.77	3.33	14.53	ppb
Selenium	77-2	4.22	2.52	3.13	3.29	26.12	ppb
Selenium	78-2	3.67	2.42	4.22	3.44	26.80	ppb
Silicon	28-1	1.23	0.99	1.26	1.16	12.54	ppb
Silver	107-1	0.46	0.51	0.50	0.49	5.21	ppb
Silver	109-1	0.49	0.48	0.54	0.50	6.39	ppb
Sodium	23-2	212.88	207.67	210.28	210.28	1.24	ppb
Strontium	86-1	0.40	0.43	0.42	0.42	3.80	ppb
Strontium	88-1	0.43	0.44	0.44	0.44	1.66	ppb
Sulfur	34-1	123.78	-14.82	157.72	88.89	102.83	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.39	0.42	0.40	3.93	ppb
Thallium	205-1	0.40	0.37	0.38	0.38	3.38	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	2.38	2.33	2.33	2.35	1.27	ppb
Titanium	47-1	2.07	2.22	2.13	2.14	3.47	ppb
Uranium	238-1	0.39	0.37	0.37	0.38	2.23	ppb
Vanadium	51-2	2.13	2.17	2.05	2.12	2.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1.13	1.00	1.07	1.06	6.16	ppb
Zirconium	90-1	0.44	0.45	0.39	0.43	8.19	ppb
Zirconium	91-1	0.42	0.38	0.35	0.38	9.67	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.25	8.88	8.60	8.91	3.63	ppb
Antimony	121-1	0.88	0.80	0.84	0.84	4.89	ppb
Arsenic	75-2	0.52	0.51	0.62	0.55	10.65	ppb
Barium	135-1	4.53	3.59	4.04	4.05	11.71	ppb
Barium	137-1	4.12	3.92	4.07	4.04	2.50	ppb
Beryllium	9-1	0.50	0.46	0.48	0.48	4.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	7.87	7.62	8.75	8.08	7.32	ppb
Boron	11-1	8.19	7.57	8.74	8.16	7.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.47	0.46	0.51	0.48	5.76	ppb
Cadmium	106-1	-0.21	0.30	0.75	0.28	170.90	ppb
Cadmium	108-1	0.42	0.17	0.33	0.31	42.60	ppb
Calcium	43-1	227.07	216.37	227.98	223.81	2.88	ppb
Calcium	44-1	220.83	208.03	213.55	214.14	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.92	0.80	0.83	0.85	7.04	ppb
Cobalt	59-2	0.46	0.44	0.47	0.46	3.11	ppb
Copper	63-2	0.95	0.86	0.97	0.93	6.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	96.03	92.65	93.40	94.02	1.89	ppb
Iron	57-2	91.97	92.57	88.86	91.13	2.18	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99.48	92.82	94.45	95.58	3.63	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.39	0.36	6.13	ppb
Lead	207-1	0.39	0.34	0.35	0.36	7.41	ppb
Lead	208-1	0.38	0.34	0.36	0.36	5.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	214.95	208.34	208.21	210.50	1.83	ppb
Manganese	55-2	0.47	0.52	0.43	0.47	8.89	ppb
Molybdenum	94-1	2.61	2.62	2.46	2.56	3.48	ppb
Molybdenum	95-1	2.18	2.13	2.26	2.19	3.14	ppb
Molybdenum	96-1	2.25	2.22	2.09	2.19	3.72	ppb
Molybdenum	97-1	2.23	2.18	2.19	2.20	1.06	ppb
Molybdenum	98-1	2.24	2.13	2.21	2.20	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.42	0.44	0.41	5.69	ppb
Phosphorus	31-2	-2.24	0.83	3.96	0.85	365.56	ppb
Potassium	39-2	227.32	214.93	215.58	219.27	3.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	3.08	3.28	3.50	3.29	6.27	ppb
Selenium	77-2	4.03	4.69	4.88	4.53	9.80	ppb
Selenium	78-2	4.98	2.98	3.34	3.77	28.22	ppb
Silicon	28-1	1.64	0.50	1.09	1.08	52.91	ppb
Silver	107-1	0.53	0.44	0.47	0.48	10.08	ppb
Silver	109-1	0.50	0.44	0.47	0.47	6.52	ppb
Sodium	23-2	213.91	208.04	206.58	209.51	1.85	ppb
Strontium	86-1	0.43	0.40	0.40	0.41	4.53	ppb
Strontium	88-1	0.44	0.41	0.43	0.42	3.69	ppb
Sulfur	34-1	215.36	-149.18	70.15	45.45	403.83	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.40	0.36	0.39	0.38	5.95	ppb
Thallium	205-1	0.39	0.38	0.37	0.38	2.91	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	2.33	2.17	2.36	2.28	4.46	ppb
Titanium	47-1	2.08	2.00	2.42	2.17	10.38	ppb
Uranium	238-1	0.38	0.36	0.37	0.37	3.42	ppb
Vanadium	51-2	2.18	2.00	2.12	2.10	4.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1.05	0.83	0.86	0.91	12.99	ppb
Zirconium	90-1	0.39	0.36	0.41	0.39	6.02	ppb
Zirconium	91-1	0.39	0.39	0.37	0.38	3.98	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.17	-0.07	-0.15		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	168.17	ppb
Barium	135-1	0.00	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	0.32	0.24	0.49	0.35	37.09	ppb
Boron	11-1	0.29	0.34	0.47	0.37	25.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.88	-2.91	-2.14	-1.98		ppb
Cadmium	108-1	-0.02	0.03	0.04	0.01	259.32	ppb
Calcium	43-1	0.22	-0.65	-1.26	-0.57		ppb
Calcium	44-1	0.74	0.50	1.88	1.04	71.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	383.52	ppb
Copper	63-2	-0.02	-0.03	0.00	-0.02		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				102		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	0.26	0.30	0.47	0.34	32.68	ppb
Iron	57-2	0.32	0.86	-0.02	0.39	114.58	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.78	1.12	0.44	1.11	60.25	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	873.25	ppb
Lead	207-1	0.02	0.00	-0.01	0.01	228.08	ppb
Lead	208-1	0.01	0.00	0.00	0.00	601.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.47	0.43	0.38	0.43	11.24	ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	20.99	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	219.62	ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.00	236.97	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	315.91	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-18.59	-10.96	-13.04	-14.20		ppb
Potassium	39-2	10.22	13.90	7.19	10.44	32.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				94		%
Selenium	82-1	-0.22	0.01	-0.61	-0.27		ppb
Selenium	77-2	-0.09	-0.09	0.19	0.00	5469.40	ppb
Selenium	78-2	1.21	0.73	0.64	0.86	35.55	ppb
Silicon	28-1	0.11	-0.24	0.71	0.19	249.63	ppb
Silver	107-1	0.00	0.01	0.00	0.00	113.07	ppb
Silver	109-1	0.00	0.00	0.00	0.00	273.13	ppb
Sodium	23-2	2.34	3.71	1.62	2.56	41.57	ppb
Strontium	86-1	0.00	0.03	0.01	0.01	144.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-153.93	-94.74	194.38	-18.10		ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	0.01	0.06	0.02	185.45	ppb
Titanium	47-1	-0.02	0.02	0.03	0.01	298.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	320.96	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	239.99	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	-0.03	0.10	0.07	0.04	144.94	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47738.53	47408.82	50583.35	48576.90	3.59	ppb
Antimony	121-1	484.43	501.49	480.08	488.67	2.32	ppb
Arsenic	75-2	462.49	459.98	483.59	468.69	2.77	ppb
Barium	135-1	2487.46	2576.07	2504.57	2522.70	1.86	ppb
Barium	137-1	2536.82	2569.83	2478.76	2528.47	1.82	ppb
Beryllium	9-1	504.79	525.14	506.46	512.13	2.21	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	454.92	502.03	498.14	485.03	5.39	ppb
Boron	11-1	472.02	511.19	502.44	495.22	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	469.03	484.26	464.08	472.46	2.23	ppb
Cadmium	106-1	495.29	503.56	484.60	494.49	1.92	ppb
Cadmium	108-1	491.37	505.53	481.51	492.80	2.45	ppb
Calcium	43-1	232390.73	236358.82	234931.22	234560.26	0.86	ppb
Calcium	44-1	231343.89	233745.46	229916.75	231668.70	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.87	490.88	523.60	503.12	3.55	ppb
Cobalt	59-2	475.30	472.07	499.77	482.38	3.14	ppb
Copper	63-2	4892.20	4797.06	5111.60	4933.62	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	123342.09	123270.55	129707.67	125440.10	2.95	ppb
Iron	57-2	123765.40	122266.18	128965.92	124999.16	2.81	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124594.59	122534.53	129322.37	125483.83	2.77	ppb
Krypton	83-1						cps
Lead	206-1	2614.25	2605.70	2628.76	2616.24	0.45	ppb
Lead	207-1	2646.40	2665.81	2601.61	2637.94	1.25	ppb
Lead	208-1	2646.33	2651.77	2599.95	2632.68	1.08	ppb
Lithium	6-1				89		%
Magnesium	24-2	245510.09	241228.18	257670.11	248136.13	3.44	ppb
Manganese	55-2	4807.02	4773.56	5096.44	4892.34	3.63	ppb
Molybdenum	94-1	5091.13	5155.23	4940.65	5062.34	2.18	ppb
Molybdenum	95-1	5068.93	5098.20	5032.97	5066.70	0.64	ppb
Molybdenum	96-1	5148.60	5144.47	5051.50	5114.86	1.07	ppb
Molybdenum	97-1	5055.42	5151.40	5034.39	5080.40	1.23	ppb
Molybdenum	98-1	5138.74	5136.66	4959.54	5078.31	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.03	469.50	494.30	480.94	2.60	ppb
Phosphorus	31-2	9560.27	9585.27	10141.92	9762.49	3.37	ppb
Potassium	39-2	119819.49	118098.02	126040.03	121319.18	3.44	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	481.67	477.06	465.58	474.77	1.75	ppb
Selenium	77-2	463.88	476.80	505.69	482.12	4.44	ppb
Selenium	78-2	467.30	469.43	497.67	478.13	3.55	ppb
Silicon	28-1	478.50	478.20	474.42	477.04	0.48	ppb
Silver	107-1	487.49	498.96	475.41	487.29	2.42	ppb
Silver	109-1	483.96	495.76	473.04	484.25	2.35	ppb
Sodium	23-2	242597.73	242284.55	257458.37	247446.88	3.50	ppb
Strontium	86-1	12693.76	12718.26	12349.92	12587.31	1.64	ppb
Strontium	88-1	12792.27	12916.93	12439.62	12716.27	1.95	ppb
Sulfur	34-1	9818.65	9742.03	9525.23	9695.30	1.57	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	533.12	524.50	519.66	525.76	1.30	ppb
Thallium	205-1	531.18	523.25	519.39	524.61	1.15	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	500.49	511.56	491.19	501.08	2.04	ppb
Titanium	47-1	5221.99	5215.74	5131.83	5189.85	0.97	ppb
Uranium	238-1	536.72	538.79	529.40	534.97	0.92	ppb
Vanadium	51-2	496.60	489.80	516.31	500.90	2.75	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	4678.33	4642.65	4885.86	4735.61	2.77	ppb
Zirconium	90-1	515.22	519.04	502.24	512.16	1.72	ppb
Zirconium	91-1	527.90	506.07	506.59	513.52	2.43	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:23:39	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.41	0.80	0.61	31.77	ppb
Antimony	121-1	0.08	0.05	0.07	0.06	22.55	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	1.84	ppb
Barium	135-1	0.02	0.02	0.02	0.02	21.12	ppb
Barium	137-1	0.03	0.02	0.01	0.02	42.08	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	13.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	3.35	3.02	3.25	3.21	5.37	ppb
Boron	11-1	3.30	3.12	3.03	3.15	4.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.06	-0.04	-0.04		ppb
Cadmium	106-1	-2.23	-4.46	-3.92	-3.54		ppb
Cadmium	108-1	-0.10	0.04	0.00	-0.02		ppb
Calcium	43-1	3.38	0.39	-0.03	1.25	149.53	ppb
Calcium	44-1	3.83	2.57	2.63	3.01	23.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.01	183.85	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	221.81	ppb
Copper	63-2	0.02	-0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	0.97	0.84	0.74	0.85	13.80	ppb
Iron	57-2	2.30	0.88	1.31	1.50	48.69	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:23:39	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.03	1.89	2.65	1.53	88.27	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.01	18.01	ppb
Lead	207-1	0.04	0.02	0.02	0.03	28.46	ppb
Lead	208-1	0.02	0.02	0.02	0.02	2.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.21	1.03	1.00	1.08	10.56	ppb
Manganese	55-2	0.03	0.04	0.01	0.03	43.18	ppb
Molybdenum	94-1	0.09	0.09	0.08	0.09	6.92	ppb
Molybdenum	95-1	0.10	0.08	0.06	0.08	22.21	ppb
Molybdenum	96-1	0.10	0.07	0.07	0.08	21.64	ppb
Molybdenum	97-1	0.09	0.07	0.05	0.07	26.88	ppb
Molybdenum	98-1	0.10	0.06	0.04	0.06	49.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-3.25	-16.74	-12.33	-10.77		ppb
Potassium	39-2	1.57	-1.45	-0.19	-0.02		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.09	0.11	-0.03	0.06	128.60	ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.37	-0.34	-0.85	-0.52		ppb
Silicon	28-1	0.79	0.98	0.63	0.80	21.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.50	ppb
Sodium	23-2	14.10	13.07	13.26	13.48	4.09	ppb
Strontium	86-1	0.07	0.06	0.04	0.06	25.45	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	24.44	ppb
Sulfur	34-1	13.70	103.46	-0.22	38.98	144.35	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.00	0.00	189.16	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	227.96	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:23:39	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	0.01	0.01	0.01	4.53	ppb
Titanium	47-1	0.17	0.04	0.05	0.09	81.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.68	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	64.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.16	0.08	0.09	0.11	38.30	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	122.81	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	89.42	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.03	40.15	43.63	41.94	4.16	ppb
Antimony	121-1	4.07	4.35	4.06	4.16	3.96	ppb
Arsenic	75-2	2.20	2.42	2.19	2.27	5.74	ppb
Barium	135-1	19.45	20.14	19.11	19.57	2.70	ppb
Barium	137-1	19.87	20.07	19.76	19.90	0.80	ppb
Beryllium	9-1	2.22	2.23	2.10	2.18	3.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	37.49	39.45	41.04	39.33	4.52	ppb
Boron	11-1	37.60	40.64	40.68	39.64	4.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.31	2.32	2.37	2.33	1.31	ppb
Cadmium	106-1	-0.24	-0.44	1.15	0.16	545.60	ppb
Cadmium	108-1	2.17	2.11	1.59	1.96	16.32	ppb
Calcium	43-1	1046.58	1012.63	1007.30	1022.17	2.08	ppb
Calcium	44-1	1023.10	1015.55	1019.09	1019.25	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.21	4.33	4.50	4.35	3.42	ppb
Cobalt	59-2	2.14	2.17	2.23	2.18	2.01	ppb
Copper	63-2	4.31	4.45	4.56	4.44	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	432.12	431.61	448.13	437.29	2.15	ppb
Iron	57-2	425.40	428.00	449.35	434.25	3.03	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	441.58	441.39	466.19	449.72	3.17	ppb
Krypton	83-1						cps
Lead	206-1	1.74	1.80	1.82	1.79	2.28	ppb
Lead	207-1	1.76	1.82	1.80	1.79	1.65	ppb
Lead	208-1	1.78	1.79	1.81	1.79	0.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	976.28	973.20	1012.49	987.32	2.21	ppb
Manganese	55-2	2.21	2.11	2.35	2.22	5.31	ppb
Molybdenum	94-1	5.66	5.70	5.85	5.73	1.76	ppb
Molybdenum	95-1	2.52	2.54	2.49	2.51	1.00	ppb
Molybdenum	96-1	2.88	2.96	2.88	2.91	1.51	ppb
Molybdenum	97-1	2.29	2.46	2.58	2.44	5.79	ppb
Molybdenum	98-1	2.48	2.44	2.58	2.50	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.35	2.55	2.45	4.05	ppb
Phosphorus	31-2	-5.96	-0.78	-12.98	-6.57		ppb
Potassium	39-2	1021.82	1005.46	1052.82	1026.70	2.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	10.54	10.27	10.92	10.58	3.08	ppb
Selenium	77-2	10.55	13.08	10.67	11.43	12.50	ppb
Selenium	78-2	9.90	11.67	11.07	10.88	8.30	ppb
Silicon	28-1	4.10	3.93	3.74	3.92	4.56	ppb
Silver	107-1	2.12	2.31	2.23	2.22	4.30	ppb
Silver	109-1	2.14	2.18	2.15	2.16	1.10	ppb
Sodium	23-2	970.11	967.44	1015.99	984.51	2.77	ppb
Strontium	86-1	2.03	2.11	2.41	2.18	9.10	ppb
Strontium	88-1	2.12	2.12	2.22	2.15	2.54	ppb
Sulfur	34-1	-37.19	-97.28	-109.33	-81.26		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.88	1.91	1.87	1.89	1.16	ppb
Thallium	205-1	1.83	1.89	1.89	1.87	1.89	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.14	0.31	0.16	0.20	47.05	ppb
Titanium	47-1	10.24	10.95	10.98	10.72	3.87	ppb
Uranium	238-1	1.82	1.83	1.83	1.83	0.43	ppb
Vanadium	51-2	9.88	10.01	10.21	10.03	1.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	11.06	11.13	11.57	11.26	2.45	ppb
Zirconium	90-1	2.09	2.04	2.01	2.05	2.09	ppb
Zirconium	91-1	2.16	2.07	2.12	2.12	2.18	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.06	-0.03	-0.08		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	67.68	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	118.62	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	876.40	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	15.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	3.52	3.90	3.39	3.61	7.31	ppb
Boron	11-1	3.63	3.66	3.47	3.59	2.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-2.16	0.01	-1.77	-1.31		ppb
Cadmium	108-1	-0.15	-0.07	-0.07	-0.10		ppb
Calcium	43-1	-2.84	1.25	-1.90	-1.16		ppb
Calcium	44-1	1.65	-0.74	0.54	0.49	246.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.05	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	128.34	ppb
Copper	63-2	0.02	-0.04	-0.03	-0.02		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				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	0.50	-0.21	-0.11	0.06	675.86	ppb
Iron	57-2	-0.39	0.89	-0.37	0.05	1548.66	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.59	0.03	-0.80	0.61	291.41	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.00	120.24	ppb
Lead	207-1	0.00	0.00	0.01	0.00	54.34	ppb
Lead	208-1	0.01	0.00	0.01	0.00	33.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.30	0.12	0.23	0.22	42.42	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	457.24	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	37.46	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	15.87	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	20.32	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	107.47	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	45.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-14.10	-23.86	-14.24	-17.40		ppb
Potassium	39-2	14.21	-1.79	-3.12	3.10	311.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.04	-0.39	-0.04	-0.13		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	0.99	0.12	-0.73	0.13	679.12	ppb
Silicon	28-1	-0.23	-0.08	0.23	-0.03		ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.78	ppb
Silver	109-1	0.02	0.01	0.02	0.01	49.16	ppb
Sodium	23-2	7.21	3.30	3.45	4.65	47.68	ppb
Strontium	86-1	0.00	0.03	0.01	0.02	100.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	39.01	ppb
Sulfur	34-1	-196.49	-33.60	3.18	-75.64		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.01	0.01	0.01	52.23	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	62.11	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.00	0.00	0.00	51.45	ppb
Titanium	47-1	0.01	0.06	0.04	0.04	78.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	221.96	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	83.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.09	-0.06	-0.12	-0.09		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.02	0.00	253.67	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.91	42.80	41.91	42.21	1.22	ppb
Antimony	121-1	4.08	4.11	4.19	4.13	1.32	ppb
Arsenic	75-2	2.34	2.26	2.13	2.24	4.69	ppb
Barium	135-1	18.32	19.80	20.24	19.45	5.18	ppb
Barium	137-1	19.13	19.97	19.98	19.69	2.48	ppb
Beryllium	9-1	2.02	2.19	2.17	2.13	4.37	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	35.36	39.57	40.59	38.51	7.20	ppb
Boron	11-1	34.35	38.64	41.57	38.19	9.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.27	2.13	2.40	2.27	5.91	ppb
Cadmium	106-1	1.15	0.63	1.22	1.00	32.23	ppb
Cadmium	108-1	1.54	2.02	1.64	1.73	14.79	ppb
Calcium	43-1	972.12	1065.82	1021.48	1019.81	4.60	ppb
Calcium	44-1	978.77	1017.67	1040.30	1012.25	3.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.43	4.51	4.40	4.45	1.33	ppb
Cobalt	59-2	2.13	2.15	2.14	2.14	0.34	ppb
Copper	63-2	4.46	4.44	4.57	4.49	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	448.89	443.69	444.58	445.72	0.62	ppb
Iron	57-2	444.54	436.08	434.63	438.41	1.22	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	442.74	449.19	455.09	449.01	1.38	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.84	1.80	1.83	1.37	ppb
Lead	207-1	1.73	1.78	1.74	1.75	1.62	ppb
Lead	208-1	1.78	1.84	1.82	1.81	1.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	1001.54	1012.88	1001.36	1005.26	0.66	ppb
Manganese	55-2	2.25	2.21	2.20	2.22	1.33	ppb
Molybdenum	94-1	5.77	5.92	5.73	5.81	1.69	ppb
Molybdenum	95-1	2.43	2.54	2.62	2.53	3.70	ppb
Molybdenum	96-1	2.78	2.83	2.78	2.80	1.14	ppb
Molybdenum	97-1	2.45	2.52	2.60	2.52	3.00	ppb
Molybdenum	98-1	2.44	2.44	2.42	2.43	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.44	2.43	2.45	0.97	ppb
Phosphorus	31-2	-3.75	-1.33	7.88	0.93	658.79	ppb
Potassium	39-2	1039.83	1029.64	1043.89	1037.79	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	10.62	11.19	10.89	10.90	2.62	ppb
Selenium	77-2	8.58	11.41	12.41	10.80	18.41	ppb
Selenium	78-2	12.23	10.40	10.06	10.90	10.67	ppb
Silicon	28-1	3.64	4.25	4.10	4.00	7.94	ppb
Silver	107-1	2.05	2.19	2.20	2.15	3.91	ppb
Silver	109-1	2.04	2.23	2.25	2.17	5.34	ppb
Sodium	23-2	1007.35	999.07	1002.33	1002.92	0.42	ppb
Strontium	86-1	2.20	2.35	2.19	2.25	4.02	ppb
Strontium	88-1	2.11	2.20	2.19	2.17	2.44	ppb
Sulfur	34-1	-90.25	86.55	73.38	23.23	424.04	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.84	1.95	1.84	1.88	3.38	ppb
Thallium	205-1	1.84	1.90	1.79	1.85	3.14	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.20	0.27	0.30	0.25	20.31	ppb
Titanium	47-1	10.13	9.76	11.29	10.39	7.67	ppb
Uranium	238-1	1.86	1.87	1.85	1.86	0.57	ppb
Vanadium	51-2	10.26	10.12	9.90	10.09	1.81	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	12.10	11.67	11.87	11.88	1.78	ppb
Zirconium	90-1	2.00	2.06	2.03	2.03	1.55	ppb
Zirconium	91-1	1.93	2.05	2.14	2.04	5.25	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.09	0.00	-0.06		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	1020.76	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	3.25	ppb
Barium	135-1	0.00	0.01	0.01	0.01	40.33	ppb
Barium	137-1	0.02	0.01	0.01	0.01	59.47	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	76.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				109		%
Boron	10-1	3.59	3.13	3.24	3.32	7.20	ppb
Boron	11-1	3.68	3.46	3.16	3.43	7.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.01	-0.01	0.00	4142.52	ppb
Cadmium	106-1	1.06	-1.19	-1.28	-0.47		ppb
Cadmium	108-1	-0.07	-0.07	-0.02	-0.06		ppb
Calcium	43-1	-0.89	0.42	-1.35	-0.61		ppb
Calcium	44-1	1.76	-1.36	0.58	0.33	480.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.06	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	45.23	ppb
Copper	63-2	-0.07	-0.04	-0.06	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	-0.27	-0.21	-0.21	-0.23		ppb
Iron	57-2	0.70	-0.45	0.63	0.29	220.72	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.00	-0.69	-0.15	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	217.44	ppb
Lead	207-1	0.00	0.01	0.01	0.01	40.07	ppb
Lead	208-1	0.01	0.01	0.00	0.01	52.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.11	0.18	0.04	0.11	61.29	ppb
Manganese	55-2	0.00	0.01	0.00	0.01	38.46	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	38.49	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	205.51	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	310.36	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.00	250.29	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	88.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	0.00	-0.03		ppb
Phosphorus	31-2	-12.96	-22.96	-13.86	-16.59		ppb
Potassium	39-2	-8.80	-12.39	-8.43	-9.87		ppb
Rhodium	103-1				101		%
Rhodium	103-2				110		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	82-1	-0.21	0.00	-0.14	-0.12		ppb
Selenium	77-2	0.16	0.15	-0.09	0.07	192.92	ppb
Selenium	78-2	-0.17	-0.65	-0.36	-0.39		ppb
Silicon	28-1	0.88	0.01	-0.11	0.26	208.94	ppb
Silver	107-1	0.01	0.02	0.02	0.02	13.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.29	ppb
Sodium	23-2	0.87	0.87	2.26	1.33	60.17	ppb
Strontium	86-1	0.02	0.02	0.00	0.01	72.01	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	148.21	ppb
Sulfur	34-1	214.16	-26.56	-112.45	25.05	675.83	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.00	0.00	156.96	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	67.36	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	-0.02	0.02	0.00		ppb
Titanium	47-1	0.04	0.01	0.05	0.03	68.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2837.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				111		%
Zinc	66-2	-0.05	-0.03	-0.04	-0.04		ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	211.79	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8867.69	9403.19	9476.14	9249.01	3.59	ppb
Antimony	121-1	476.37	517.53	521.98	505.29	4.98	ppb
Arsenic	75-2	450.16	473.62	483.72	469.17	3.67	ppb
Barium	135-1	2362.03	2555.11	2547.47	2488.20	4.39	ppb
Barium	137-1	2402.71	2621.45	2584.79	2536.32	4.62	ppb
Beryllium	9-1	494.70	531.48	525.98	517.39	3.84	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	447.98	498.25	523.28	489.84	7.83	ppb
Boron	11-1	460.44	512.33	527.21	499.99	7.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	481.90	518.99	520.01	506.97	4.28	ppb
Cadmium	106-1	501.09	517.34	522.52	513.65	2.18	ppb
Cadmium	108-1	494.40	525.39	522.07	513.95	3.31	ppb
Calcium	43-1	51323.84	56004.16	56496.78	54608.26	5.23	ppb
Calcium	44-1	47331.58	51378.66	52021.33	50243.86	5.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	456.89	480.60	482.35	473.28	3.01	ppb
Cobalt	59-2	456.95	478.81	484.67	473.47	3.09	ppb
Copper	63-2	4586.08	4876.46	4946.30	4802.94	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				106		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	23887.27	24934.96	25700.96	24841.06	3.67	ppb
Iron	57-2	23951.51	25071.97	25845.33	24956.27	3.82	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	23820.97	25291.45	26187.69	25100.04	4.76	ppb
Krypton	83-1						cps
Lead	206-1	2339.11	2541.37	2524.30	2468.26	4.54	ppb
Lead	207-1	2397.45	2531.99	2544.07	2491.17	3.27	ppb
Lead	208-1	2388.06	2544.39	2545.84	2492.76	3.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	44678.80	47380.15	48659.50	46906.15	4.33	ppb
Manganese	55-2	4457.85	4725.53	4806.49	4663.29	3.91	ppb
Molybdenum	94-1	4695.94	4923.93	4986.04	4868.64	3.14	ppb
Molybdenum	95-1	4663.83	4954.60	4999.87	4872.76	3.74	ppb
Molybdenum	96-1	4685.94	5055.07	5048.09	4929.70	4.28	ppb
Molybdenum	97-1	4704.67	5024.02	5058.19	4928.96	3.96	ppb
Molybdenum	98-1	4654.62	4950.88	5020.39	4875.30	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.05	478.98	494.60	475.54	4.41	ppb
Phosphorus	31-2	8729.69	9311.39	9555.43	9198.84	4.61	ppb
Potassium	39-2	21797.28	22934.06	23808.44	22846.59	4.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	474.85	509.75	508.46	497.69	3.98	ppb
Selenium	77-2	455.61	454.59	493.42	467.87	4.73	ppb
Selenium	78-2	450.54	466.38	481.07	465.99	3.28	ppb
Silicon	28-1	472.32	516.51	506.60	498.48	4.65	ppb
Silver	107-1	504.08	524.50	526.74	518.44	2.41	ppb
Silver	109-1	501.49	527.30	527.18	518.66	2.87	ppb
Sodium	23-2	44488.76	46986.55	47982.58	46485.97	3.87	ppb
Strontium	86-1	11721.22	12299.17	12350.92	12123.77	2.88	ppb
Strontium	88-1	11813.36	12625.56	12636.45	12358.45	3.82	ppb
Sulfur	34-1	8788.25	9738.22	9666.10	9397.52	5.63	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	473.13	508.01	509.20	496.78	4.12	ppb
Thallium	205-1	469.11	503.23	512.14	494.82	4.59	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	483.96	519.33	520.22	507.84	4.07	ppb
Titanium	47-1	4698.25	5223.49	5160.67	5027.47	5.71	ppb
Uranium	238-1	450.56	488.34	491.45	476.78	4.77	ppb
Vanadium	51-2	444.40	464.67	476.10	461.72	3.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4626.89	4811.66	5017.05	4818.53	4.05	ppb
Zirconium	90-1	461.50	494.96	505.34	487.27	4.70	ppb
Zirconium	91-1	469.89	492.58	506.79	489.76	3.80	ppb

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : PB149767BL Instrumnet Name : P7
 Client Sample ID : PB149767BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:45:35 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.08	0.10	-0.03		ppb
Antimony	121-1	0.06	0.06	0.06	0.06	2.94	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	65.51	ppb
Barium	135-1	0.01	0.01	0.00	0.01	59.74	ppb
Barium	137-1	0.00	0.00	0.00	0.00	2.84	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	17.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	4.90	5.33	4.65	4.96	6.97	ppb
Boron	11-1	5.06	5.12	4.61	4.93	5.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.00	-0.02	-0.01		ppb
Cadmium	106-1	-1.96	-0.93	-2.47	-1.78		ppb
Cadmium	108-1	0.00	-0.10	-0.02	-0.04		ppb
Calcium	43-1	0.79	-0.59	-0.06	0.05	1399.75	ppb
Calcium	44-1	1.06	1.10	1.34	1.17	12.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	112.27	ppb
Copper	63-2	0.00	-0.03	-0.03	-0.02		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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	-0.05	-0.13	-0.02	-0.07		ppb
Iron	57-2	0.27	-0.35	0.21	0.04	778.47	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BL	Instrumnet Name :	P7
Client Sample ID :	PB149767BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:45:35	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.34	0.68	-0.47	-0.04		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	46.23	ppb
Lead	207-1	0.04	0.03	0.00	0.02	87.74	ppb
Lead	208-1	0.02	0.02	0.01	0.02	44.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.18	0.41	0.43	0.34	41.29	ppb
Manganese	55-2	0.04	0.02	0.02	0.03	37.89	ppb
Molybdenum	94-1	0.09	0.04	0.07	0.07	35.53	ppb
Molybdenum	95-1	0.13	0.10	0.03	0.08	56.81	ppb
Molybdenum	96-1	0.09	0.07	0.05	0.07	31.73	ppb
Molybdenum	97-1	0.10	0.05	0.05	0.07	42.90	ppb
Molybdenum	98-1	0.11	0.07	0.07	0.08	26.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.01	-0.02		ppb
Phosphorus	31-2	-16.44	-8.45	-11.55	-12.14		ppb
Potassium	39-2	-3.08	-4.53	0.05	-2.52		ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.24	-0.20	-0.02	-0.15		ppb
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	0.60	-0.92	-0.04	-0.12		ppb
Silicon	28-1	0.00	0.21	-0.03	0.06	212.10	ppb
Silver	107-1	0.01	0.01	0.02	0.01	38.19	ppb
Silver	109-1	0.01	0.01	0.02	0.01	52.11	ppb
Sodium	23-2	3.07	3.30	3.21	3.19	3.67	ppb
Strontium	86-1	0.06	0.01	0.02	0.03	90.65	ppb
Strontium	88-1	0.06	0.02	0.02	0.03	63.85	ppb
Sulfur	34-1	-256.43	-147.73	-224.11	-209.43		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.00	0.01	78.55	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	166.49	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BL	Instrumnet Name :	P7
Client Sample ID :	PB149767BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:45:35	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.12	0.00	-0.03	0.03	281.30	ppb
Titanium	47-1	0.07	0.05	0.05	0.06	21.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.64	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	61.43	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.05	-0.03	0.03	0.02	253.76	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	68.09	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9829.86	9811.90	8978.00	9539.92	5.10	ppb
Antimony	121-1	395.95	499.06	514.60	469.87	13.72	ppb
Arsenic	75-2	497.65	500.81	454.84	484.43	5.30	ppb
Barium	135-1	1920.21	2396.27	2512.47	2276.32	13.79	ppb
Barium	137-1	1948.57	2455.14	2564.45	2322.72	14.15	ppb
Beryllium	9-1	402.51	486.98	522.45	470.65	13.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	369.09	472.14	512.95	451.39	16.42	ppb
Boron	11-1	376.55	484.26	537.54	466.11	17.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	394.51	491.47	507.43	464.47	13.16	ppb
Cadmium	106-1	396.99	493.85	516.29	469.04	13.52	ppb
Cadmium	108-1	393.25	502.12	510.04	468.47	13.93	ppb
Calcium	43-1	43383.04	53349.55	52857.52	49863.37	11.27	ppb
Calcium	44-1	39524.29	49864.43	48924.77	46104.50	12.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.27	505.36	457.73	486.78	5.24	ppb
Cobalt	59-2	506.20	508.91	457.99	491.03	5.83	ppb
Copper	63-2	5074.88	5124.30	4618.34	4939.17	5.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	26618.41	26195.38	23706.56	25506.79	6.17	ppb
Iron	57-2	26413.53	25972.09	24138.55	25508.06	4.73	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26411.90	26848.30	24652.34	25970.85	4.48	ppb
Krypton	83-1						cps
Lead	206-1	1958.41	2414.71	2424.66	2265.93	11.76	ppb
Lead	207-1	1998.58	2429.95	2437.42	2288.65	10.98	ppb
Lead	208-1	1967.83	2438.93	2436.84	2281.20	11.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	49790.91	49119.49	45472.42	48127.61	4.83	ppb
Manganese	55-2	4988.63	5028.02	4485.00	4833.88	6.26	ppb
Molybdenum	94-1	3873.88	4935.53	4881.46	4563.62	13.10	ppb
Molybdenum	95-1	3865.04	4893.35	4893.77	4550.72	13.05	ppb
Molybdenum	96-1	3916.42	4904.06	4951.72	4590.73	12.73	ppb
Molybdenum	97-1	3881.32	4887.85	4961.04	4576.74	13.18	ppb
Molybdenum	98-1	3875.59	4930.89	4895.61	4567.36	13.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.06	504.50	462.93	489.16	4.67	ppb
Phosphorus	31-2	9828.50	9587.73	9166.62	9527.61	3.52	ppb
Potassium	39-2	23794.16	24138.25	22489.19	23473.87	3.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	396.71	493.59	496.85	462.38	12.31	ppb
Selenium	77-2	530.93	484.55	463.74	493.08	6.98	ppb
Selenium	78-2	505.08	497.66	459.84	487.53	4.98	ppb
Silicon	28-1	389.65	490.27	493.44	457.79	12.89	ppb
Silver	107-1	403.41	507.77	514.88	475.35	13.13	ppb
Silver	109-1	411.65	501.69	514.18	475.84	11.76	ppb
Sodium	23-2	48766.37	49586.53	45748.94	48033.94	4.21	ppb
Strontium	86-1	9748.03	12182.15	12203.60	11377.92	12.41	ppb
Strontium	88-1	9737.13	12296.06	12536.30	11523.16	13.46	ppb
Sulfur	34-1	6344.36	8965.34	9014.72	8108.14	18.84	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	397.27	482.54	487.40	455.74	11.12	ppb
Thallium	205-1	389.47	476.45	494.40	453.44	12.38	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	395.15	498.99	511.45	468.53	13.63	ppb
Titanium	47-1	3849.82	4991.47	5011.82	4617.70	14.40	ppb
Uranium	238-1	374.74	477.62	479.18	443.84	13.49	ppb
Vanadium	51-2	488.27	487.39	447.36	474.34	4.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	5146.58	5157.48	4777.14	5027.07	4.31	ppb
Zirconium	90-1	388.98	486.12	492.35	455.82	12.72	ppb
Zirconium	91-1	394.46	488.66	482.01	455.04	11.55	ppb

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : PB149788BL Instrumnet Name : P7
 Client Sample ID : PB149788BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 18:07:45 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.14	0.02	0.07	99.04	ppb
Antimony	121-1	0.04	0.08	0.07	0.06	36.22	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	117.21	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	238.65	ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	113.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	1.65	2.17	1.51	1.78	19.56	ppb
Boron	11-1	2.03	2.01	1.66	1.90	11.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-3.74	-4.11	-3.55	-3.80		ppb
Cadmium	108-1	-0.10	-0.07	-0.01	-0.06		ppb
Calcium	43-1	-1.01	0.75	-0.71	-0.32		ppb
Calcium	44-1	1.37	0.60	-1.17	0.27	486.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.01	-0.04	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	242.26	ppb
Copper	63-2	-0.04	-0.02	-0.04	-0.03		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				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	0.09	-0.04	-0.12	-0.03		ppb
Iron	57-2	0.41	0.78	1.18	0.79	48.90	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BL	Instrumnet Name :	P7
Client Sample ID :	PB149788BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:07:45	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.33	-0.55	1.24	0.34	263.67	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	83.41	ppb
Lead	207-1	0.01	0.01	0.00	0.00	77.24	ppb
Lead	208-1	0.02	0.01	0.00	0.01	82.21	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.31	0.41	0.23	0.32	28.72	ppb
Manganese	55-2	0.01	0.02	0.03	0.02	31.45	ppb
Molybdenum	94-1	0.07	0.05	0.03	0.05	31.67	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	83.99	ppb
Molybdenum	96-1	0.03	0.04	0.01	0.03	55.19	ppb
Molybdenum	97-1	0.06	0.03	0.01	0.04	73.24	ppb
Molybdenum	98-1	0.06	0.03	0.01	0.03	85.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-24.70	-22.47	-14.00	-20.39		ppb
Potassium	39-2	-2.55	-0.62	-6.82	-3.33		ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.15	-0.04	-0.20	-0.03		ppb
Selenium	77-2	-0.09	0.47	-0.09	0.09	341.09	ppb
Selenium	78-2	-0.44	0.46	-1.19	-0.39		ppb
Silicon	28-1	0.12	-0.10	-1.06	-0.35		ppb
Silver	107-1	0.00	0.00	0.00	0.00	249.66	ppb
Silver	109-1	0.00	0.00	0.01	0.00	64.49	ppb
Sodium	23-2	1.93	1.58	1.40	1.64	16.60	ppb
Strontium	86-1	0.04	0.01	0.01	0.02	73.22	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	61.90	ppb
Sulfur	34-1	-213.77	-109.95	-518.52	-280.75		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	744.36	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	167.61	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BL	Instrumnet Name :	P7
Client Sample ID :	PB149788BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:07:45	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.01	0.34	0.11	183.42	ppb
Titanium	47-1	0.08	0.03	0.06	0.06	44.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.64	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	86.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	-0.07	0.11	-0.09	-0.01		ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	197.44	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10101.58	9787.20	9908.34	9932.37	1.60	ppb
Antimony	121-1	494.35	530.38	566.23	530.32	6.78	ppb
Arsenic	75-2	504.50	498.94	506.40	503.28	0.77	ppb
Barium	135-1	2439.16	2642.64	2794.71	2625.50	6.79	ppb
Barium	137-1	2495.98	2637.62	2822.22	2651.94	6.17	ppb
Beryllium	9-1	505.02	537.43	572.51	538.32	6.27	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	461.33	517.36	562.46	513.72	9.86	ppb
Boron	11-1	467.71	529.00	558.91	518.54	8.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.90	526.60	561.32	528.28	6.10	ppb
Cadmium	106-1	505.46	528.63	573.58	535.89	6.46	ppb
Cadmium	108-1	497.74	533.18	558.65	529.86	5.77	ppb
Calcium	43-1	52110.06	57307.01	62242.40	57219.82	8.85	ppb
Calcium	44-1	48735.58	52735.99	56568.90	52680.15	7.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.30	503.69	508.82	508.94	1.04	ppb
Cobalt	59-2	509.51	504.61	517.68	510.60	1.29	ppb
Copper	63-2	5245.33	5005.74	5247.51	5166.19	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	26617.44	25822.47	26980.04	26473.32	2.24	ppb
Iron	57-2	26798.57	26152.81	26839.41	26596.93	1.45	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27059.73	26781.12	27403.23	27081.36	1.15	ppb
Krypton	83-1						cps
Lead	206-1	2450.66	2621.41	2772.91	2615.00	6.17	ppb
Lead	207-1	2468.03	2674.70	2786.44	2643.06	6.11	ppb
Lead	208-1	2459.69	2648.78	2779.38	2629.28	6.11	ppb
Lithium	6-1				91		%
Magnesium	24-2	50348.18	49115.17	51367.22	50276.86	2.24	ppb
Manganese	55-2	5075.11	4945.08	5069.91	5030.04	1.46	ppb
Molybdenum	94-1	4892.15	5300.66	5531.94	5241.58	6.18	ppb
Molybdenum	95-1	4830.10	5385.04	5481.55	5232.23	6.72	ppb
Molybdenum	96-1	4876.04	5421.43	5503.12	5266.86	6.47	ppb
Molybdenum	97-1	4925.26	5332.90	5488.77	5248.98	5.54	ppb
Molybdenum	98-1	4861.72	5314.04	5537.13	5237.63	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.36	498.20	516.66	509.07	1.90	ppb
Phosphorus	31-2	10123.28	9627.90	10034.82	9928.67	2.66	ppb
Potassium	39-2	24769.70	24290.46	24925.96	24662.04	1.34	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	492.07	534.37	556.00	527.48	6.17	ppb
Selenium	77-2	485.13	508.00	478.13	490.42	3.19	ppb
Selenium	78-2	504.22	503.24	500.56	502.68	0.38	ppb
Silicon	28-1	480.26	528.33	569.88	526.16	8.52	ppb
Silver	107-1	521.78	549.09	575.24	548.70	4.87	ppb
Silver	109-1	520.81	548.58	569.53	546.31	4.47	ppb
Sodium	23-2	50973.12	49162.52	51193.22	50442.96	2.21	ppb
Strontium	86-1	12198.69	13234.57	13688.41	13040.56	5.86	ppb
Strontium	88-1	12325.61	13397.89	13835.35	13186.28	5.89	ppb
Sulfur	34-1	8931.20	10242.32	11430.32	10201.28	12.25	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	493.94	521.90	544.75	520.20	4.89	ppb
Thallium	205-1	488.89	514.08	549.43	517.47	5.88	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	508.14	536.00	572.60	538.92	6.00	ppb
Titanium	47-1	4844.38	5312.18	5620.97	5259.18	7.43	ppb
Uranium	238-1	464.11	504.00	547.60	505.24	8.27	ppb
Vanadium	51-2	498.49	482.56	500.45	493.83	1.99	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	5280.75	5190.39	5284.96	5252.03	1.02	ppb
Zirconium	90-1	484.04	529.59	547.23	520.29	6.27	ppb
Zirconium	91-1	484.93	538.56	542.28	521.92	6.15	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48720.99	48495.16	49732.35	48982.83	1.35	ppb
Antimony	121-1	501.01	481.54	483.18	488.58	2.21	ppb
Arsenic	75-2	454.06	463.67	477.64	465.12	2.55	ppb
Barium	135-1	2592.85	2489.79	2521.86	2534.83	2.08	ppb
Barium	137-1	2634.17	2532.44	2519.44	2562.02	2.45	ppb
Beryllium	9-1	512.14	502.60	499.27	504.67	1.32	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Boron	10-1	479.54	484.26	499.44	487.75	2.13	ppb
Boron	11-1	478.11	499.46	518.86	498.81	4.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.27	468.52	464.11	471.97	2.13	ppb
Cadmium	106-1	508.83	478.29	476.73	487.95	3.71	ppb
Cadmium	108-1	503.25	485.42	484.85	491.18	2.13	ppb
Calcium	43-1	234792.35	232931.71	236386.66	234703.57	0.74	ppb
Calcium	44-1	239127.31	231709.76	236005.96	235614.34	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.40	509.35	511.56	505.10	1.85	ppb
Cobalt	59-2	487.74	481.06	487.54	485.45	0.78	ppb
Copper	63-2	4871.96	4970.54	4974.10	4938.87	1.17	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				87		%
Indium	115-2				86		%
Iron	56-2	122394.14	124469.93	126618.97	124494.35	1.70	ppb
Iron	57-2	121283.48	124328.47	126443.35	124018.43	2.09	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125269.22	125919.29	127201.51	126130.01	0.78	ppb
Krypton	83-1						cps
Lead	206-1	2659.21	2647.69	2644.93	2650.61	0.29	ppb
Lead	207-1	2690.04	2668.15	2679.79	2679.33	0.41	ppb
Lead	208-1	2704.96	2657.99	2655.94	2672.96	1.04	ppb
Lithium	6-1				89		%
Magnesium	24-2	241946.40	244683.62	249336.45	245322.15	1.52	ppb
Manganese	55-2	4897.19	4917.57	4963.96	4926.24	0.69	ppb
Molybdenum	94-1	5133.89	5144.05	4981.91	5086.61	1.79	ppb
Molybdenum	95-1	5208.85	5174.65	4971.88	5118.46	2.50	ppb
Molybdenum	96-1	5235.45	5173.88	4995.69	5135.01	2.42	ppb
Molybdenum	97-1	5213.06	5171.20	4942.12	5108.79	2.85	ppb
Molybdenum	98-1	5197.06	5089.56	4909.97	5065.53	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.63	484.36	488.17	484.05	0.88	ppb
Phosphorus	31-2	9536.82	9707.72	9807.51	9684.02	1.41	ppb
Potassium	39-2	119791.72	121139.48	121546.25	120825.82	0.76	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	485.24	477.18	472.01	478.14	1.40	ppb
Selenium	77-2	458.33	478.13	478.59	471.68	2.45	ppb
Selenium	78-2	456.90	479.33	485.50	473.91	3.18	ppb
Silicon	28-1	484.97	476.74	478.90	480.20	0.89	ppb
Silver	107-1	494.62	484.38	476.12	485.04	1.91	ppb
Silver	109-1	501.27	481.34	474.86	485.82	2.83	ppb
Sodium	23-2	242313.02	243290.70	250036.92	245213.55	1.72	ppb
Strontium	86-1	12808.80	12751.75	12419.18	12659.91	1.66	ppb
Strontium	88-1	13100.45	12697.74	12635.84	12811.34	1.97	ppb
Sulfur	34-1	10010.26	9344.99	9540.02	9631.76	3.55	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	553.34	532.78	541.83	542.65	1.90	ppb
Thallium	205-1	541.61	526.21	533.82	533.88	1.44	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	519.36	501.55	496.35	505.75	2.39	ppb
Titanium	47-1	5306.06	5150.02	5194.96	5217.01	1.54	ppb
Uranium	238-1	546.32	534.39	536.40	539.04	1.19	ppb
Vanadium	51-2	491.29	503.29	505.50	500.03	1.53	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	4585.48	4755.17	4792.28	4710.97	2.34	ppb
Zirconium	90-1	526.17	517.32	501.56	515.01	2.42	ppb
Zirconium	91-1	524.24	523.19	499.18	515.54	2.75	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	0.67	1.00	0.78	24.31	ppb
Antimony	121-1	0.05	0.08	0.09	0.07	23.81	ppb
Arsenic	75-2	0.00	0.00	0.02	0.01	89.48	ppb
Barium	135-1	0.02	0.02	0.01	0.01	17.05	ppb
Barium	137-1	0.02	0.03	0.01	0.02	68.85	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	20.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	3.05	3.27	3.56	3.29	7.69	ppb
Boron	11-1	3.44	3.43	3.44	3.44	0.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-3.70	-4.29	-2.63	-3.54		ppb
Cadmium	108-1	-0.07	-0.10	-0.02	-0.06		ppb
Calcium	43-1	10.75	1.60	3.67	5.34	89.91	ppb
Calcium	44-1	9.79	3.07	3.21	5.36	71.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	52.76	ppb
Copper	63-2	-0.02	-0.01	0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.87	0.82	0.96	0.88	8.05	ppb
Iron	57-2	1.37	0.50	0.96	0.94	46.13	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.31	0.50	3.31	1.71	84.89	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.01	0.02	49.92	ppb
Lead	207-1	0.04	0.02	0.01	0.02	75.46	ppb
Lead	208-1	0.03	0.02	0.02	0.02	34.03	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.07	1.61	1.79	1.49	24.99	ppb
Manganese	55-2	0.03	0.04	0.04	0.03	12.49	ppb
Molybdenum	94-1	0.09	0.08	0.06	0.07	18.32	ppb
Molybdenum	95-1	0.13	0.07	0.07	0.09	40.97	ppb
Molybdenum	96-1	0.13	0.06	0.05	0.08	56.14	ppb
Molybdenum	97-1	0.13	0.06	0.05	0.08	59.29	ppb
Molybdenum	98-1	0.17	0.06	0.05	0.09	72.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	-2.91	-16.27	-11.80	-10.33		ppb
Potassium	39-2	0.51	-0.90	2.31	0.64	250.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.35	-0.14	0.26	-0.08		ppb
Selenium	77-2	-0.09	0.18	-0.09	0.00		ppb
Selenium	78-2	-0.27	-0.26	-0.43	-0.32		ppb
Silicon	28-1	0.24	0.29	0.00	0.18	88.85	ppb
Silver	107-1	0.01	0.02	0.02	0.01	49.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.36	ppb
Sodium	23-2	10.58	11.49	12.14	11.40	6.87	ppb
Strontium	86-1	0.21	0.11	0.08	0.13	52.37	ppb
Strontium	88-1	0.13	0.06	0.05	0.08	55.09	ppb
Sulfur	34-1	-226.75	-66.49	-60.71	-117.98		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	42.53	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	24.04	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.08	-0.01	0.05	0.04	104.21	ppb
Titanium	47-1	0.22	0.07	0.11	0.13	58.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.87	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	160.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.08	0.04	0.12	0.08	50.84	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	113.38	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	37.88	ppb

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	67	94	78	18.90	cps
Antimony	121-1	50	50	92	64	37.66	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	8	25	0	11	114.58	cps
Barium	137-1	25	42	0	22	94.38	cps
Beryllium	9-1	93	93	83	90	6.42	cps
Bismuth	209-1	7310277	6984133	6865879	7053430	3.26	cps
Bismuth	209-2	5251908	5221647	5176340	5216632	0.73	cps
Boron	10-1	358	367	308	344	9.16	cps
Boron	11-1	1517	1550	1558	1542	1.43	cps
Bromine	81-1	71415	70109	72027	71184	1.38	cps
Bromine	81-2	130	60	100	97	36.33	cps
Cadmium	111-1	743	746	712	733	2.55	cps
Cadmium	106-1	7544	7544	7369	7485	1.35	cps
Cadmium	108-1	17	13	42	24	66.81	cps
Calcium	43-1	167	108	108	128	26.35	cps
Calcium	44-1	6885	6993	7377	7085	3.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	883	813	803	833	5.23	cps
Cobalt	59-2	40	53	50	48	14.52	cps
Copper	63-2	1057	1163	1010	1077	7.30	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	100	50	42	64	49.38	cps
Erbium	164-2	13	43	30	29	52.03	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	357	387	347	363	5.73	cps
Holmium	165-1	10538751	10028568	10197561	10254960	2.53	cps
Holmium	165-2	6583178	6590899	6446706	6540261	1.24	cps
Indium	115-1	7792409	7422603	7594425	7603146	2.43	cps
Indium	115-2	2514062	2538732	2453932	2502242	1.74	cps
Iron	56-2	9909	10037	9470	9805	3.03	cps
Iron	57-2	256	211	200	222	13.23	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1792	1722	1742	1752	2.06	cps
Krypton	83-1	150	177	193	173	12.61	cps
Lead	206-1	400	467	389	419	10.05	cps
Lead	207-1	422	322	300	348	18.70	cps
Lead	208-1	1689	1683	1495	1622	6.82	cps
Lithium	6-1	3408659	3232135	3386749	3342514	2.88	cps
Magnesium	24-2	344	300	356	333	8.82	cps
Manganese	55-2	83	100	97	93	9.45	cps
Molybdenum	94-1	92	167	133	131	28.78	cps
Molybdenum	95-1	67	42	25	44	47.19	cps
Molybdenum	96-1	158	158	100	139	24.25	cps
Molybdenum	97-1	8	33	33	25	57.74	cps
Molybdenum	98-1	25	83	42	50	60.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	140	117	120	126	10.05	cps
Phosphorus	31-2	408	533	383	442	18.20	cps
Potassium	39-2	42635	41491	41482	41869	1.58	cps
Rhodium	103-1	7169483	6842620	6970611	6994238	2.35	cps
Rhodium	103-2	3864935	3844899	3822178	3844004	0.56	cps
Scandium	45-1	5118964	4960115	5043204	5040761	1.58	cps
Scandium	45-2	369838	374820	361036	368565	1.89	cps
Selenium	82-1	103	21	19	48	100.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	180	189	167	178	6.26	cps
Silicon	28-1	491965	487063	494528	491185	0.77	cps
Silver	107-1	108	67	142	106	35.60	cps
Silver	109-1	33	17	42	31	41.66	cps
Sodium	23-2	13061	13083	12844	12996	1.02	cps
Strontium	86-1	325	258	250	278	14.80	cps
Strontium	88-1	150	142	192	161	16.63	cps
Sulfur	34-1	279217	278038	276626	277960	0.47	cps
Terbium	159-1	10342240	9986754	10182973	10170656	1.75	cps
Terbium	159-2	6431629	6743797	6415988	6530472	2.83	cps
Thallium	203-1	175	225	225	208	13.86	cps
Thallium	205-1	392	550	533	492	17.70	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:40:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	458	750	583	597	24.51	cps
Titanium	47-1	150	150	92	131	25.80	cps
Uranium	238-1	8	-1	-1	2	246.70	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	13647545	12977304	12894898	13173249	3.13	cps
Yttrium	89-2	2872559	2894599	2814997	2860718	1.44	cps
Zinc	66-2	293	330	353	326	9.29	cps
Zirconium	90-1	525	533	550	536	2.38	cps
Zirconium	91-1	100	92	92	94	5.09	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4056	4295	4123	4158	2.97	cps
Antimony	121-1	11838	12331	11497	11889	3.53	cps
Arsenic	75-2	348	361	363	357	2.26	cps
Barium	135-1	17878	19063	18713	18551	3.28	cps
Barium	137-1	32446	32396	32688	32510	0.48	cps
Beryllium	9-1	2477	2440	2510	2476	1.41	cps
Bismuth	209-1	7615173	7066922	6932082	7204726	5.02	cps
Bismuth	209-2	5259942	5271867	5165913	5232574	1.11	cps
Boron	10-1	8436	9153	9728	9106	7.11	cps
Boron	11-1	37196	42292	44280	41256	8.86	cps
Bromine	81-1	69867	67213	69482	68854	2.08	cps
Bromine	81-2	80	80	160	107	43.31	cps
Cadmium	111-1	2586	2863	2650	2700	5.38	cps
Cadmium	106-1	8561	7727	7844	8044	5.61	cps
Cadmium	108-1	142	163	204	169	18.78	cps
Calcium	43-1	13523	14032	13832	13796	1.86	cps
Calcium	44-1	221679	222682	224556	222972	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7218	6792	6992	7001	3.05	cps
Cobalt	59-2	5271	5094	5084	5150	2.04	cps
Copper	63-2	8126	8256	7792	8058	2.97	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	108	58	50	72	43.69	cps
Erbium	164-2	47	33	43	41	16.89	cps
Gadolinium	160-1	108	75	50	78	37.63	cps
Gadolinium	160-2	363	410	390	388	6.04	cps
Holmium	165-1	11302224	10248345	10188468	10579679	5.92	cps
Holmium	165-2	6685527	6666693	6513693	6621971	1.42	cps
Indium	115-1	8387356	7610975	7461498	7819943	6.36	cps
Indium	115-2	2490232	2513208	2453535	2485658	1.21	cps
Iron	56-2	164438	161867	162265	162857	0.85	cps
Iron	57-2	4290	4362	4290	4314	0.97	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10935	10424	10084	10481	4.09	cps
Krypton	83-1	163	163	187	171	7.87	cps
Lead	206-1	7163	7541	7408	7371	2.60	cps
Lead	207-1	6441	6379	6568	6463	1.49	cps
Lead	208-1	28901	30086	29991	29660	2.22	cps
Lithium	6-1	3712294	3345789	3329900	3462661	6.25	cps
Magnesium	24-2	192190	191162	192021	191791	0.29	cps
Manganese	55-2	2877	2730	2704	2770	3.37	cps
Molybdenum	94-1	15617	16351	16526	16165	2.98	cps
Molybdenum	95-1	19196	19347	19931	19491	1.99	cps
Molybdenum	96-1	20890	21349	20632	20957	1.73	cps
Molybdenum	97-1	12122	11964	12606	12230	2.73	cps
Molybdenum	98-1	29789	30850	31468	30702	2.76	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1437	1347	1290	1358	5.45	cps
Phosphorus	31-2	417	583	517	506	16.59	cps
Potassium	39-2	242933	238902	240224	240686	0.85	cps
Rhodium	103-1	7671095	7056546	6994507	7240716	5.17	cps
Rhodium	103-2	3908903	3827775	3866286	3867655	1.05	cps
Scandium	45-1	5494105	5015162	5000447	5169905	5.43	cps
Scandium	45-2	376188	373056	366207	371817	1.37	cps
Selenium	82-1	838	768	797	801	4.41	cps
Selenium	77-2	70	83	77	77	8.69	cps
Selenium	78-2	385	387	370	381	2.40	cps
Silicon	28-1	553115	545826	540964	546635	1.12	cps
Silver	107-1	10079	10162	10412	10218	1.70	cps
Silver	109-1	9395	10279	10487	10054	5.77	cps
Sodium	23-2	325472	327817	324826	326038	0.48	cps
Strontium	86-1	3084	3000	3342	3142	5.67	cps
Strontium	88-1	23603	23895	23928	23809	0.75	cps
Sulfur	34-1	281355	283094	283256	282568	0.37	cps
Terbium	159-1	11086241	10275413	10140556	10500737	4.87	cps
Terbium	159-2	6444529	6487566	6463025	6465040	0.33	cps
Thallium	203-1	8370	8661	8711	8581	2.15	cps
Thallium	205-1	19756	21134	20975	20622	3.65	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:43:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	31527	32195	32512	32078	1.57	cps
Titanium	47-1	5801	6076	6510	6129	5.83	cps
Uranium	238-1	27711	29247	28411	28456	2.70	cps
Vanadium	51-2	13183	13099	12929	13070	0.99	cps
Yttrium	89-1	14394845	13068987	13317152	13593661	5.19	cps
Yttrium	89-2	2892040	2873619	2906109	2890589	0.56	cps
Zinc	66-2	1493	1530	1430	1485	3.41	cps
Zirconium	90-1	13907	14166	13106	13726	4.02	cps
Zirconium	91-1	3275	2842	3184	3100	7.37	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210760	207736	203952	207483	1.64	cps
Antimony	121-1	296910	303830	306528	302423	1.64	cps
Arsenic	75-2	16025	15849	15786	15887	0.78	cps
Barium	135-1	464531	474768	481168	473489	1.77	cps
Barium	137-1	808977	821734	835053	821921	1.59	cps
Beryllium	9-1	118295	120879	118836	119337	1.14	cps
Bismuth	209-1	6753515	6785003	6922467	6820328	1.32	cps
Bismuth	209-2	5191054	5232532	5154113	5192566	0.76	cps
Boron	10-1	23644	26323	27717	25894	7.99	cps
Boron	11-1	110040	119963	127642	119215	7.40	cps
Bromine	81-1	69976	66510	69138	68541	2.64	cps
Bromine	81-2	90	60	40	63	39.74	cps
Cadmium	111-1	95524	97092	96400	96339	0.82	cps
Cadmium	106-1	19964	20373	20498	20279	1.38	cps
Cadmium	108-1	8995	9074	9487	9185	2.88	cps
Calcium	43-1	156201	158261	158313	157592	0.76	cps
Calcium	44-1	2247452	2325888	2282347	2285229	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159332	158247	157422	158333	0.60	cps
Cobalt	59-2	253046	250026	249132	250735	0.82	cps
Copper	63-2	1772705	1795751	1690802	1753086	3.15	cps
Dysprosium	156-1	67	92	25	61	55.11	cps
Dysprosium	156-2	33	10	40	28	56.71	cps
Erbium	164-1	125	58	58	81	47.78	cps
Erbium	164-2	30	47	53	43	27.73	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	437	330	390	386	13.87	cps
Holmium	165-1	10272002	10162409	10232637	10222349	0.54	cps
Holmium	165-2	6535483	6577764	6546101	6553116	0.34	cps
Indium	115-1	7415931	7400149	7495279	7437120	0.69	cps
Indium	115-2	2369081	2456345	2377205	2400877	2.01	cps
Iron	56-2	7593536	7568646	7453207	7538463	0.99	cps
Iron	57-2	194143	194610	192224	193659	0.65	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	438166	436617	439089	437957	0.29	cps
Krypton	83-1	183	160	160	168	8.03	cps
Lead	206-1	1967317	1969212	1980903	1972477	0.37	cps
Lead	207-1	1596387	1608085	1640766	1615079	1.42	cps
Lead	208-1	7699895	7781979	7852598	7778157	0.98	cps
Lithium	6-1	3319508	3378392	3314419	3337440	1.07	cps
Magnesium	24-2	2012677	1965660	1999809	1992715	1.22	cps
Manganese	55-2	1264175	1254819	1256256	1258417	0.40	cps
Molybdenum	94-1	1320696	1347320	1357804	1341940	1.43	cps
Molybdenum	95-1	1892005	1971008	1929725	1930913	2.05	cps
Molybdenum	96-1	2035996	2063201	2089757	2062985	1.30	cps
Molybdenum	97-1	1173067	1185357	1203749	1187391	1.30	cps
Molybdenum	98-1	3037941	3055696	3056424	3050020	0.34	cps
Neodymium	150-1	120	160	113	131	19.25	cps
Neodymium	150-2	17	17	27	20	28.86	cps
Nickel	60-2	64568	63929	62456	63651	1.70	cps
Phosphorus	31-2	11379	11580	11004	11321	2.58	cps
Potassium	39-2	1071877	1062272	1052666	1062271	0.90	cps
Rhodium	103-1	6770247	6775668	6788388	6778101	0.14	cps
Rhodium	103-2	3726803	3772052	3717715	3738857	0.78	cps
Scandium	45-1	4936656	5003797	4946031	4962161	0.73	cps
Scandium	45-2	365240	367650	364489	365793	0.45	cps
Selenium	82-1	7501	7621	7575	7566	0.80	cps
Selenium	77-2	603	703	600	636	9.24	cps
Selenium	78-2	2271	2245	2306	2274	1.35	cps
Silicon	28-1	2326413	2338742	2327542	2330899	0.29	cps
Silver	107-1	524887	532991	544794	534224	1.87	cps
Silver	109-1	501634	513603	515944	510394	1.50	cps
Sodium	23-2	3205840	3216361	3231099	3217767	0.39	cps
Strontium	86-1	3510991	3516212	3449980	3492394	1.05	cps
Strontium	88-1	30196763	29860284	29920585	29992544	0.60	cps
Sulfur	34-1	335144	327779	332580	331834	1.13	cps
Terbium	159-1	10165173	10103359	10167257	10145263	0.36	cps
Terbium	159-2	6412815	6399352	6393888	6402018	0.15	cps
Thallium	203-1	422610	426185	427334	425376	0.58	cps
Thallium	205-1	1001615	1014888	1020809	1012437	0.97	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:46:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	310753	317706	324728	317729	2.20	cps
Titanium	47-1	577690	588116	580705	582170	0.92	cps
Uranium	238-1	1288868	1314455	1327168	1310163	1.49	cps
Vanadium	51-2	131823	130273	130115	130737	0.72	cps
Yttrium	89-1	12980060	12847899	12767172	12865044	0.84	cps
Yttrium	89-2	2852230	2846965	2802330	2833842	0.97	cps
Zinc	66-2	267961	268668	266738	267789	0.36	cps
Zirconium	90-1	661982	674435	666849	667755	0.94	cps
Zirconium	91-1	147125	150232	151072	149477	1.39	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	496940	492650	491565	493718	0.58	cps
Antimony	121-1	711766	737425	748812	732668	2.59	cps
Arsenic	75-2	37716	37545	37445	37569	0.36	cps
Barium	135-1	1117379	1168315	1172300	1152665	2.66	cps
Barium	137-1	2008941	2138887	2099832	2082553	3.20	cps
Beryllium	9-1	274443	285478	285347	281756	2.25	cps
Bismuth	209-1	7069628	6772578	6851768	6897992	2.23	cps
Bismuth	209-2	5049720	5072280	5088388	5070129	0.38	cps
Boron	10-1	58378	64509	67640	63509	7.42	cps
Boron	11-1	264865	295794	304004	288221	7.16	cps
Bromine	81-1	65363	64894	62793	64350	2.13	cps
Bromine	81-2	130	140	90	120	22.05	cps
Cadmium	111-1	223145	232937	233400	229827	2.52	cps
Cadmium	106-1	36839	38962	38451	38084	2.91	cps
Cadmium	108-1	20364	21666	21153	21061	3.11	cps
Calcium	43-1	366786	380008	382805	376533	2.27	cps
Calcium	44-1	5274732	5461418	5503190	5413113	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377737	375094	373180	375337	0.61	cps
Cobalt	59-2	597930	590209	589832	592657	0.77	cps
Copper	63-2	4135517	4136789	4092375	4121560	0.61	cps
Dysprosium	156-1	75	83	58	72	17.62	cps
Dysprosium	156-2	100	123	137	120	15.47	cps
Erbium	164-1	50	100	108	86	36.64	cps
Erbium	164-2	47	70	57	58	20.26	cps
Gadolinium	160-1	108	75	125	103	24.77	cps
Gadolinium	160-2	360	470	457	429	14.00	cps
Holmium	165-1	10332622	10043494	10221447	10199188	1.43	cps
Holmium	165-2	6362047	6534930	6460698	6452559	1.34	cps
Indium	115-1	7359337	7236818	7233420	7276525	0.99	cps
Indium	115-2	2319384	2346731	2364457	2343524	0.97	cps
Iron	56-2	18010233	17888088	18038500	17978940	0.44	cps
Iron	57-2	461078	462075	458497	460550	0.40	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1040323	1039139	1038168	1039210	0.10	cps
Krypton	83-1	160	133	200	164	20.40	cps
Lead	206-1	4768178	4861018	4952698	4860631	1.90	cps
Lead	207-1	4302392	4453548	4392471	4382803	1.73	cps
Lead	208-1	18977484	19940104	19683957	19533849	2.55	cps
Lithium	6-1	3434833	3278666	3407395	3373631	2.47	cps
Magnesium	24-2	4756252	4714360	4733643	4734752	0.44	cps
Manganese	55-2	2999829	3008899	2998405	3002378	0.19	cps
Molybdenum	94-1	3109710	3322886	3280283	3237626	3.48	cps
Molybdenum	95-1	4529465	4703940	4729815	4654407	2.34	cps
Molybdenum	96-1	4876009	5001857	5028235	4968700	1.64	cps
Molybdenum	97-1	2758499	2928473	2899993	2862322	3.18	cps
Molybdenum	98-1	6946311	7494205	7387757	7276091	3.99	cps
Neodymium	150-1	413	407	407	409	0.94	cps
Neodymium	150-2	77	57	47	60	25.46	cps
Nickel	60-2	151489	148860	149665	150005	0.90	cps
Phosphorus	31-2	26348	25989	26624	26320	1.21	cps
Potassium	39-2	2349051	2338443	2240610	2309368	2.59	cps
Rhodium	103-1	6680329	6458385	6592604	6577106	1.70	cps
Rhodium	103-2	3594970	3585479	3572899	3584449	0.31	cps
Scandium	45-1	4974928	4775817	4887200	4879315	2.05	cps
Scandium	45-2	353216	350943	346948	350369	0.91	cps
Selenium	82-1	17894	18438	18387	18240	1.65	cps
Selenium	77-2	1627	1403	1607	1546	8.00	cps
Selenium	78-2	5410	5018	5127	5185	3.91	cps
Silicon	28-1	4630925	4820338	4755253	4735505	2.03	cps
Silver	107-1	1234587	1300347	1293854	1276263	2.84	cps
Silver	109-1	1189627	1227182	1220901	1212570	1.66	cps
Sodium	23-2	7764746	7679856	7746012	7730205	0.58	cps
Strontium	86-1	8355213	8478393	8550027	8461211	1.16	cps
Strontium	88-1	70145049	74846214	74059329	73016864	3.45	cps
Sulfur	34-1	388276	390963	387399	388879	0.48	cps
Terbium	159-1	10330730	10029640	10298039	10219470	1.62	cps
Terbium	159-2	6272851	6235335	6301805	6269997	0.53	cps
Thallium	203-1	1020792	1070961	1055890	1049215	2.45	cps
Thallium	205-1	2616649	2702749	2719445	2679614	2.06	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:48:51	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	734579	767368	779818	760589	3.07	cps
Titanium	47-1	1369476	1401901	1399514	1390297	1.30	cps
Uranium	238-1	3526084	3689037	3686594	3633905	2.57	cps
Vanadium	51-2	313419	314136	310244	312599	0.66	cps
Yttrium	89-1	13214662	12484397	12850850	12849970	2.84	cps
Yttrium	89-2	2711528	2752788	2719255	2727857	0.80	cps
Zinc	66-2	635822	628826	631267	631972	0.56	cps
Zirconium	90-1	1561553	1656287	1658028	1625289	3.40	cps
Zirconium	91-1	350301	369481	371901	363894	3.25	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957155	955808	952270	955078	0.26	cps
Antimony	121-1	1409330	1435505	1436209	1427014	1.07	cps
Arsenic	75-2	72105	72693	71910	72236	0.56	cps
Barium	135-1	2264103	2373040	2325007	2320717	2.35	cps
Barium	137-1	3993517	4069693	4081034	4048081	1.18	cps
Beryllium	9-1	535923	546433	542572	541642	0.98	cps
Bismuth	209-1	6377962	6596759	6659798	6544840	2.26	cps
Bismuth	209-2	4799372	4863411	4837042	4833275	0.67	cps
Boron	10-1	119048	126816	133447	126437	5.70	cps
Boron	11-1	548034	577648	595687	573790	4.19	cps
Bromine	81-1	59764	59881	59990	59878	0.19	cps
Bromine	81-2	30	50	60	47	32.73	cps
Cadmium	111-1	435772	445092	443627	441497	1.14	cps
Cadmium	106-1	64535	65188	65264	64996	0.62	cps
Cadmium	108-1	40678	41568	41643	41296	1.30	cps
Calcium	43-1	721422	730066	720840	724109	0.71	cps
Calcium	44-1	10075546	10377864	10410896	10288102	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	722635	722350	723368	722784	0.07	cps
Cobalt	59-2	1145259	1136891	1136762	1139637	0.43	cps
Copper	63-2	7910147	7806631	7820414	7845731	0.72	cps
Dysprosium	156-1	150	175	258	194	29.17	cps
Dysprosium	156-2	170	180	167	172	4.03	cps
Erbium	164-1	75	67	33	58	37.80	cps
Erbium	164-2	60	53	70	61	13.73	cps
Gadolinium	160-1	217	133	117	156	34.44	cps
Gadolinium	160-2	413	347	437	399	11.71	cps
Holmium	165-1	9690047	9939391	9907784	9845741	1.38	cps
Holmium	165-2	6333567	6315915	6385285	6344922	0.57	cps
Indium	115-1	6693471	6915096	6952178	6853582	2.04	cps
Indium	115-2	2240768	2198449	2213462	2217560	0.97	cps
Iron	56-2	34940951	34619341	34995751	34852014	0.58	cps
Iron	57-2	889302	887211	888889	888467	0.12	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1950139	1947096	1960619	1952618	0.36	cps
Krypton	83-1	183	153	140	159	13.97	cps
Lead	206-1	9482340	9477972	9570876	9510396	0.55	cps
Lead	207-1	8618224	8598975	8594395	8603865	0.15	cps
Lead	208-1	38194010	38310455	38540655	38348373	0.46	cps
Lithium	6-1	3159880	3131445	3220639	3170655	1.44	cps
Magnesium	24-2	9280688	9121364	9058862	9153638	1.25	cps
Manganese	55-2	5714836	5801940	5810174	5775650	0.91	cps
Molybdenum	94-1	6086964	6307600	6349898	6248154	2.26	cps
Molybdenum	95-1	8773060	8981336	9038946	8931114	1.57	cps
Molybdenum	96-1	9641930	9563554	9669310	9624931	0.57	cps
Molybdenum	97-1	5521136	5651526	5597314	5589992	1.17	cps
Molybdenum	98-1	13943087	14316927	14255586	14171867	1.41	cps
Neodymium	150-1	587	547	620	584	6.28	cps
Neodymium	150-2	80	120	97	99	20.32	cps
Nickel	60-2	287848	284087	284396	285443	0.73	cps
Phosphorus	31-2	51069	49656	48904	49876	2.20	cps
Potassium	39-2	4472023	4399047	4397505	4422858	0.96	cps
Rhodium	103-1	6102011	6140083	6085062	6109052	0.46	cps
Rhodium	103-2	3468331	3454154	3457453	3459979	0.21	cps
Scandium	45-1	4475539	4490772	4567653	4511321	1.09	cps
Scandium	45-2	338523	336286	337108	337306	0.34	cps
Selenium	82-1	34203	35392	34881	34825	1.71	cps
Selenium	77-2	2930	2947	2870	2916	1.38	cps
Selenium	78-2	10042	9896	9757	9898	1.44	cps
Silicon	28-1	8547932	8710547	8630126	8629535	0.94	cps
Silver	107-1	2412724	2504833	2498881	2472146	2.09	cps
Silver	109-1	2369312	2339737	2386220	2365090	0.99	cps
Sodium	23-2	15109222	15063909	14876492	15016541	0.82	cps
Strontium	86-1	16188847	16442690	16482852	16371463	0.97	cps
Strontium	88-1	139073253	140769036	142842607	140894966	1.34	cps
Sulfur	34-1	487279	486006	487999	487095	0.21	cps
Terbium	159-1	9558394	9950064	9747892	9752116	2.01	cps
Terbium	159-2	6181970	6087578	6182872	6150807	0.89	cps
Thallium	203-1	2208522	2215127	2239941	2221197	0.75	cps
Thallium	205-1	5194521	5260664	5281879	5245688	0.87	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1476253	1539609	1533503	1516455	2.30	cps
Titanium	47-1	2651775	2690440	2744384	2695533	1.73	cps
Uranium	238-1	7190407	7338948	7363750	7297702	1.28	cps
Vanadium	51-2	608846	606601	603249	606232	0.46	cps
Yttrium	89-1	11960516	11974454	12089074	12008015	0.59	cps
Yttrium	89-2	2675973	2635740	2649401	2653705	0.77	cps
Zinc	66-2	1214368	1193040	1208662	1205357	0.92	cps
Zirconium	90-1	3190492	3191900	3173145	3185179	0.33	cps
Zirconium	91-1	700090	715068	720767	711975	1.50	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1879215	1913921	1890192	1894443	0.94	cps
Antimony	121-1	2717228	2805852	2829784	2784288	2.13	cps
Arsenic	75-2	140608	140306	140051	140322	0.20	cps
Barium	135-1	4494850	4590170	4517968	4534329	1.10	cps
Barium	137-1	7597461	7852120	7758832	7736138	1.67	cps
Beryllium	9-1	987403	1042634	1033464	1021167	2.90	cps
Bismuth	209-1	7264262	6366183	6363644	6664696	7.79	cps
Bismuth	209-2	4521844	4716624	4760287	4666252	2.72	cps
Boron	10-1	225560	245235	252950	241248	5.85	cps
Boron	11-1	985929	1092825	1122610	1067121	6.74	cps
Bromine	81-1	58893	60258	60098	59750	1.25	cps
Bromine	81-2	110	150	170	143	21.32	cps
Cadmium	111-1	806552	835699	834668	825640	2.00	cps
Cadmium	106-1	114358	118524	118666	117183	2.09	cps
Cadmium	108-1	75885	79110	78456	77817	2.19	cps
Calcium	43-1	1348305	1338446	1383003	1356585	1.73	cps
Calcium	44-1	19276118	19934008	19918762	19709629	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1395435	1416577	1396336	1402783	0.85	cps
Cobalt	59-2	2234429	2231631	2197765	2221275	0.92	cps
Copper	63-2	15029106	15153896	15002151	15061718	0.54	cps
Dysprosium	156-1	275	267	317	286	9.36	cps
Dysprosium	156-2	353	337	347	346	2.43	cps
Erbium	164-1	83	142	67	97	40.50	cps
Erbium	164-2	87	60	90	79	20.84	cps
Gadolinium	160-1	217	275	267	253	12.48	cps
Gadolinium	160-2	477	470	450	466	2.98	cps
Holmium	165-1	11188056	9902752	9912035	10334281	7.15	cps
Holmium	165-2	6157997	6326800	6406197	6296998	2.01	cps
Indium	115-1	7775504	6710785	6796718	7094336	8.34	cps
Indium	115-2	2135895	2242850	2256419	2211721	2.98	cps
Iron	56-2	68118477	66940485	66075415	67044792	1.53	cps
Iron	57-2	1735779	1729396	1713626	1726267	0.66	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3803143	3801148	3774834	3793042	0.42	cps
Krypton	83-1	150	197	183	177	13.61	cps
Lead	206-1	17553597	18487462	18357507	18132855	2.79	cps
Lead	207-1	16174349	16784338	16614504	16524397	1.91	cps
Lead	208-1	71252545	74616696	74409874	73426372	2.57	cps
Lithium	6-1	3450208	3149830	3162901	3254313	5.22	cps
Magnesium	24-2	17963409	17486305	17622113	17690609	1.39	cps
Manganese	55-2	11285085	11350785	11331996	11322622	0.30	cps
Molybdenum	94-1	11776512	12394114	12382924	12184517	2.90	cps
Molybdenum	95-1	16825396	17607427	17690573	17374465	2.75	cps
Molybdenum	96-1	17993654	18735437	18917808	18548966	2.64	cps
Molybdenum	97-1	10508834	10884906	10886910	10760217	2.02	cps
Molybdenum	98-1	27171556	28109575	28226689	27835940	2.08	cps
Neodymium	150-1	1087	1320	1307	1238	10.59	cps
Neodymium	150-2	203	210	203	206	1.87	cps
Nickel	60-2	547744	546238	544405	546129	0.31	cps
Phosphorus	31-2	97066	95355	96177	96199	0.89	cps
Potassium	39-2	8649696	8632163	8653591	8645150	0.13	cps
Rhodium	103-1	6861077	6039007	6014356	6304813	7.64	cps
Rhodium	103-2	3265686	3398887	3418257	3360944	2.47	cps
Scandium	45-1	5165841	4563211	4523313	4750788	7.58	cps
Scandium	45-2	325928	337694	340633	334752	2.32	cps
Selenium	82-1	63527	66640	67283	65817	3.05	cps
Selenium	77-2	5604	5581	5514	5567	0.84	cps
Selenium	78-2	18671	18634	18621	18642	0.14	cps
Silicon	28-1	15131839	15606279	15931351	15556490	2.58	cps
Silver	107-1	4525027	4634228	4622143	4593799	1.30	cps
Silver	109-1	4336933	4410260	4458618	4401937	1.39	cps
Sodium	23-2	29023516	29290718	28937257	29083830	0.63	cps
Strontium	86-1	30596601	32347974	32112552	31685709	3.00	cps
Strontium	88-1	267054348	275749873	278811331	273871851	2.23	cps
Sulfur	34-1	687945	698334	706738	697672	1.35	cps
Terbium	159-1	11247348	9843805	9808748	10299967	7.97	cps
Terbium	159-2	6100065	6251783	6255069	6202306	1.43	cps
Thallium	203-1	4210128	4314060	4289739	4271309	1.27	cps
Thallium	205-1	9849908	10199527	10045881	10031772	1.75	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2822880	2936445	2896809	2885378	2.00	cps
Titanium	47-1	4967233	5180175	5201677	5116362	2.53	cps
Uranium	238-1	13726783	14377774	14361758	14155438	2.62	cps
Vanadium	51-2	1197527	1191550	1189704	1192927	0.34	cps
Yttrium	89-1	13752204	12104724	12302924	12719951	7.07	cps
Yttrium	89-2	2576499	2667578	2671409	2638495	2.04	cps
Zinc	66-2	2292949	2302290	2307435	2300891	0.32	cps
Zirconium	90-1	5947104	6258336	6209223	6138221	2.73	cps
Zirconium	91-1	1333181	1406788	1397203	1379057	2.90	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 14:57:10 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3709351	3737261	3722460	3723024	0.38	cps
Antimony	121-1	5522183	5455106	5562082	5513124	0.98	cps
Arsenic	75-2	274521	272972	271654	273049	0.53	cps
Barium	135-1	8946894	9213946	9273973	9144938	1.90	cps
Barium	137-1	15384836	15977697	15684370	15682301	1.89	cps
Beryllium	9-1	1959168	1993137	2019914	1990740	1.53	cps
Bismuth	209-1	5994772	6004928	6026198	6008633	0.27	cps
Bismuth	209-2	4470813	4466297	4340114	4425741	1.68	cps
Boron	10-1	457373	480274	499151	478933	4.37	cps
Boron	11-1	2055304	2175317	2242480	2157700	4.39	cps
Bromine	81-1	60157	59036	59931	59708	0.99	cps
Bromine	81-2	50	110	130	97	43.07	cps
Cadmium	111-1	1624112	1648096	1610012	1627407	1.18	cps
Cadmium	106-1	218737	226270	222447	222485	1.69	cps
Cadmium	108-1	149203	150034	151308	150181	0.71	cps
Calcium	43-1	2581392	2666148	2713095	2653545	2.52	cps
Calcium	44-1	38441060	39316846	39671459	39143122	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2797269	2789989	2770887	2786048	0.49	cps
Cobalt	59-2	4388272	4356249	4380456	4374992	0.38	cps
Copper	63-2	29336282	28513783	28635281	28828449	1.54	cps
Dysprosium	156-1	742	758	825	775	5.69	cps
Dysprosium	156-2	723	590	723	679	11.34	cps
Erbium	164-1	200	150	125	158	24.12	cps
Erbium	164-2	87	83	73	81	8.56	cps
Gadolinium	160-1	325	375	417	372	12.33	cps
Gadolinium	160-2	567	637	640	614	6.74	cps
Holmium	165-1	9682841	9317155	9735874	9578624	2.38	cps
Holmium	165-2	6155118	6108757	6092535	6118804	0.53	cps
Indium	115-1	6467208	6515920	6355957	6446362	1.27	cps
Indium	115-2	2117087	2111368	2061317	2096591	1.46	cps
Iron	56-2	132242572	131610331	130368647	131407183	0.73	cps
Iron	57-2	3333736	3322181	3320307	3325408	0.22	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7463537	7358219	7272712	7364823	1.30	cps
Krypton	83-1	217	213	167	199	14.06	cps
Lead	206-1	35366915	35913236	36223469	35834540	1.21	cps
Lead	207-1	31916261	32168668	32825890	32303607	1.45	cps
Lead	208-1	142098144	143895514	145159591	143717750	1.07	cps
Lithium	6-1	3061204	3008748	3044233	3038062	0.88	cps
Magnesium	24-2	35072047	34556917	34491562	34706842	0.92	cps
Manganese	55-2	22518462	21835261	21813547	22055757	1.82	cps
Molybdenum	94-1	24350909	24764273	24889880	24668354	1.14	cps
Molybdenum	95-1	34443718	35287202	35680284	35137068	1.80	cps
Molybdenum	96-1	36478996	37445725	37952332	37292351	2.01	cps
Molybdenum	97-1	21121502	21952216	21687994	21587237	1.97	cps
Molybdenum	98-1	54495592	56143808	56150783	55596727	1.72	cps
Neodymium	150-1	2494	2494	2367	2451	2.98	cps
Neodymium	150-2	467	447	423	446	4.87	cps
Nickel	60-2	1054350	1047765	1038371	1046829	0.77	cps
Phosphorus	31-2	193422	191410	189505	191446	1.02	cps
Potassium	39-2	17100150	17014600	17003181	17039310	0.31	cps
Rhodium	103-1	5676018	5622804	5683036	5660619	0.58	cps
Rhodium	103-2	3226718	3183733	3114922	3175125	1.78	cps
Scandium	45-1	4445171	4463557	4416134	4441620	0.54	cps
Scandium	45-2	326050	329227	323980	326419	0.81	cps
Selenium	82-1	126741	128222	130346	128437	1.41	cps
Selenium	77-2	10591	10817	11008	10805	1.93	cps
Selenium	78-2	36764	36207	35994	36321	1.09	cps
Silicon	28-1	29939434	30408752	29935627	30094604	0.90	cps
Silver	107-1	8838110	8932777	9074477	8948455	1.33	cps
Silver	109-1	8498290	8481801	8560425	8513505	0.49	cps
Sodium	23-2	57923168	56963426	57552429	57479674	0.84	cps
Strontium	86-1	63153085	64141924	64625801	63973604	1.17	cps
Strontium	88-1	538552712	551946112	547186446	545895090	1.24	cps
Sulfur	34-1	1208522	1222472	1199244	1210080	0.97	cps
Terbium	159-1	9694715	9280795	9580683	9518731	2.25	cps
Terbium	159-2	6017333	6110918	5990182	6039478	1.05	cps
Thallium	203-1	8140227	8216269	8505383	8287293	2.32	cps
Thallium	205-1	19781003	20017509	20138155	19978889	0.91	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5680809	5798438	5815774	5765007	1.27	cps
Titanium	47-1	10098544	10334481	10360755	10264593	1.41	cps
Uranium	238-1	27741862	29066100	28363257	28390406	2.33	cps
Vanadium	51-2	2394020	2378210	2381932	2384720	0.35	cps
Yttrium	89-1	11861629	11666461	11757475	11761855	0.83	cps
Yttrium	89-2	2589507	2608776	2563310	2587198	0.88	cps
Zinc	66-2	4375700	4293998	4347193	4338963	0.96	cps
Zirconium	90-1	12186352	12341256	12637753	12388454	1.85	cps
Zirconium	91-1	2722631	2788647	2806089	2772456	1.59	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18252577	18385236	18326018	18321277	0.36	cps
Antimony	121-1	3917	4192	3859	3990	4.46	cps
Arsenic	75-2	87	93	104	94	8.98	cps
Barium	135-1	6693	5651	4968	5771	15.06	cps
Barium	137-1	10746	10062	9070	9959	8.46	cps
Beryllium	9-1	910	850	733	831	10.81	cps
Bismuth	209-1	4272204	4726801	4862807	4620604	6.69	cps
Bismuth	209-2	3704619	3580476	3586678	3623924	1.93	cps
Boron	10-1	24528	22567	19529	22208	11.34	cps
Boron	11-1	116990	99376	90681	102349	13.10	cps
Bromine	81-1	60131	60625	58735	59830	1.64	cps
Bromine	81-2	130	110	140	127	12.06	cps
Cadmium	111-1	1331	1339	1253	1308	3.62	cps
Cadmium	106-1	5910	6518	6952	6460	8.10	cps
Cadmium	108-1	121	108	96	108	11.54	cps
Calcium	43-1	11336595	11278992	11063571	11226386	1.28	cps
Calcium	44-1	179491029	180001196	178144308	179212178	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18184	17921	17804	17970	1.08	cps
Cobalt	59-2	5314	5498	5394	5402	1.70	cps
Copper	63-2	7532	7325	7258	7372	1.93	cps
Dysprosium	156-1	1700	1492	1583	1592	6.56	cps
Dysprosium	156-2	1023	1003	1003	1010	1.14	cps
Erbium	164-1	117	133	192	147	26.75	cps
Erbium	164-2	93	77	83	84	9.93	cps
Gadolinium	160-1	1700	1825	1717	1747	3.89	cps
Gadolinium	160-2	1470	1500	1467	1479	1.24	cps
Holmium	165-1	7870712	8759162	8912067	8513980	6.60	cps
Holmium	165-2	5768025	5578444	5697187	5681219	1.69	cps
Indium	115-1	5299617	5999256	6056665	5785179	7.29	cps
Indium	115-2	1982248	1912881	1950665	1948598	1.78	cps
Iron	56-2	608694814	616434325	606388236	610505791	0.86	cps
Iron	57-2	15489958	15361400	15560123	15470494	0.65	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33614622	33734606	33453127	33600785	0.42	cps
Krypton	83-1	190	227	197	204	9.55	cps
Lead	206-1	12606	10404	9398	10803	15.19	cps
Lead	207-1	11366	9748	8175	9763	16.34	cps
Lead	208-1	50576	42443	37231	43417	15.49	cps
Lithium	6-1	2381069	2669500	2707738	2586102	6.91	cps
Magnesium	24-2	169409476	168415109	170667254	169497280	0.67	cps
Manganese	55-2	23328	22620	22704	22884	1.69	cps
Molybdenum	94-1	13290	11396	9845	11510	14.99	cps
Molybdenum	95-1	17336	14716	13140	15064	14.07	cps
Molybdenum	96-1	40733	36747	35627	37702	7.12	cps
Molybdenum	97-1	11471	9262	8403	9712	16.30	cps
Molybdenum	98-1	27518	21675	19755	22983	17.59	cps
Neodymium	150-1	33	60	100	64	52.07	cps
Neodymium	150-2	40	33	43	39	13.09	cps
Nickel	60-2	3747	3844	3787	3793	1.28	cps
Phosphorus	31-2	400	367	375	381	4.56	cps
Potassium	39-2	84411677	84665075	84856469	84644407	0.26	cps
Rhodium	103-1	4298718	4931671	4880475	4703621	7.47	cps
Rhodium	103-2	2802059	2695842	2701333	2733078	2.19	cps
Scandium	45-1	3756242	4236096	4278026	4090121	7.09	cps
Scandium	45-2	324096	314593	314747	317812	1.71	cps
Selenium	82-1	322	223	272	273	18.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	194	176	172	181	6.58	cps
Silicon	28-1	856428	838104	802975	832502	3.26	cps
Silver	107-1	5526	4334	4676	4845	12.67	cps
Silver	109-1	5034	5051	4484	4856	6.64	cps
Sodium	23-2	280162873	281291462	279128017	280194117	0.39	cps
Strontium	86-1	30624	25623	22142	26130	16.32	cps
Strontium	88-1	256416	218275	193006	222566	14.34	cps
Sulfur	34-1	236626	238828	239938	238464	0.71	cps
Terbium	159-1	7885026	8759639	8885032	8509899	6.40	cps
Terbium	159-2	5723323	5524663	5595001	5614329	1.79	cps
Thallium	203-1	2909	2142	1867	2306	23.42	cps
Thallium	205-1	6485	5143	4259	5296	21.16	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:59:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8061	7452	6652	7388	9.56	cps
Titanium	47-1	4526	3859	3317	3901	15.52	cps
Uranium	238-1	6554	4968	3511	5011	30.37	cps
Vanadium	51-2	713	603	733	683	10.24	cps
Yttrium	89-1	9724681	11040774	11073264	10612906	7.25	cps
Yttrium	89-2	2512057	2400078	2421825	2444653	2.43	cps
Zinc	66-2	3307	3224	3034	3188	4.40	cps
Zirconium	90-1	6176	4851	4459	5162	17.43	cps
Zirconium	91-1	1367	1092	933	1131	19.40	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100012	99493	99352	99619	0.35	cps
Antimony	121-1	1135070	1146522	1151672	1144421	0.74	cps
Arsenic	75-2	60086	60692	59399	60059	1.08	cps
Barium	135-1	180941	181825	184530	182432	1.03	cps
Barium	137-1	316070	319015	318270	317785	0.48	cps
Beryllium	9-1	219060	220399	220901	220120	0.43	cps
Bismuth	209-1	6845067	7067797	7046735	6986533	1.76	cps
Bismuth	209-2	5334324	5070095	5302086	5235501	2.75	cps
Boron	10-1	238891	241703	244809	241801	1.22	cps
Boron	11-1	1095355	1074850	1080975	1083727	0.97	cps
Bromine	81-1	68225	67547	65178	66983	2.39	cps
Bromine	81-2	120	140	30	97	60.62	cps
Cadmium	111-1	181580	184677	183225	183161	0.85	cps
Cadmium	106-1	57983	59029	58594	58535	0.90	cps
Cadmium	108-1	33309	32478	33146	32978	1.34	cps
Calcium	43-1	59116	62144	60179	60480	2.54	cps
Calcium	44-1	908274	925466	916009	916583	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	296100	295531	292232	294621	0.71	cps
Cobalt	59-2	478099	476148	472906	475718	0.55	cps
Copper	63-2	320888	321143	318395	320142	0.47	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	43	73	50	56	28.35	cps
Gadolinium	160-1	67	75	17	53	59.77	cps
Gadolinium	160-2	370	357	343	357	3.74	cps
Holmium	165-1	10083107	10199620	10317772	10200166	1.15	cps
Holmium	165-2	6731717	6190671	6596198	6506195	4.33	cps
Indium	115-1	7266584	7443000	7522813	7410799	1.77	cps
Indium	115-2	2465645	2310277	2467396	2414439	3.74	cps
Iron	56-2	5614753	5522424	5501127	5546101	1.09	cps
Iron	57-2	144863	141150	140831	142281	1.58	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	323807	327646	323743	325065	0.69	cps
Krypton	83-1	197	210	150	186	16.98	cps
Lead	206-1	1456557	1482243	1487735	1475512	1.13	cps
Lead	207-1	1224385	1268242	1253633	1248753	1.79	cps
Lead	208-1	6011515	6068186	6134649	6071450	1.02	cps
Lithium	6-1	3270245	3334422	3361367	3322011	1.41	cps
Magnesium	24-2	415498	417479	413151	415376	0.52	cps
Manganese	55-2	241090	239646	239454	240063	0.37	cps
Molybdenum	94-1	12944787	13132611	12975221	13017540	0.77	cps
Molybdenum	95-1	18616669	18444195	18340081	18466982	0.76	cps
Molybdenum	96-1	20106249	19851193	19710943	19889462	1.01	cps
Molybdenum	97-1	11573739	11365943	11323530	11421071	1.17	cps
Molybdenum	98-1	29529776	29339279	29404812	29424622	0.33	cps
Neodymium	150-1	60	47	47	51	15.06	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	127617	125705	127083	126801	0.78	cps
Phosphorus	31-2	342	300	350	331	8.10	cps
Potassium	39-2	772017	774395	772000	772804	0.18	cps
Rhodium	103-1	6776598	6828795	6747982	6784458	0.60	cps
Rhodium	103-2	3845162	3600445	3847443	3764350	3.77	cps
Scandium	45-1	4840309	4949521	5000433	4930088	1.66	cps
Scandium	45-2	363900	345098	358443	355814	2.72	cps
Selenium	82-1	29223	29371	29579	29391	0.61	cps
Selenium	77-2	2284	2410	2407	2367	3.05	cps
Selenium	78-2	8249	7917	8358	8175	2.81	cps
Silicon	28-1	3712770	3885640	3929021	3842477	2.98	cps
Silver	107-1	497356	504267	504241	501955	0.79	cps
Silver	109-1	470159	478878	476111	475049	0.94	cps
Sodium	23-2	1213513	1198072	1187848	1199811	1.08	cps
Strontium	86-1	1358294	1362478	1357348	1359373	0.20	cps
Strontium	88-1	12129827	11912694	11744611	11929044	1.62	cps
Sulfur	34-1	272013	263398	261933	265781	2.05	cps
Terbium	159-1	10199722	10126079	10298283	10208028	0.85	cps
Terbium	159-2	6596116	6287854	6379392	6421121	2.47	cps
Thallium	203-1	1995039	2020871	1991057	2002322	0.81	cps
Thallium	205-1	4707269	4734119	4808971	4750120	1.11	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICV10	Instrumnet Name :	P7
Client Sample ID :	ICV10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:29:03	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3309131	3268291	3266475	3281299	0.74	cps
Titanium	47-1	5447061	5594785	5613552	5551799	1.64	cps
Uranium	238-1	16961444	17502673	17320577	17261565	1.60	cps
Vanadium	51-2	244272	242694	241037	242668	0.67	cps
Yttrium	89-1	12916824	13109873	13069215	13031971	0.78	cps
Yttrium	89-2	2863137	2725678	2863169	2817328	2.82	cps
Zinc	66-2	98891	99304	98458	98885	0.43	cps
Zirconium	90-1	6766969	6785012	6793401	6781794	0.20	cps
Zirconium	91-1	1494853	1542216	1523478	1520182	1.57	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4045	4323	4251	4206	3.43	cps
Antimony	121-1	11338	12197	11822	11786	3.65	cps
Arsenic	75-2	331	298	352	327	8.29	cps
Barium	135-1	17286	18746	18721	18251	4.58	cps
Barium	137-1	29823	32053	32605	31494	4.68	cps
Beryllium	9-1	2420	2494	2624	2512	4.10	cps
Bismuth	209-1	7071397	7321412	6849479	7080763	3.33	cps
Bismuth	209-2	5225789	5696098	4865846	5262578	7.91	cps
Boron	10-1	9161	10687	10529	10126	8.29	cps
Boron	11-1	42702	48293	50349	47114	8.40	cps
Bromine	81-1	68451	67447	69089	68329	1.21	cps
Bromine	81-2	100	80	120	100	20.00	cps
Cadmium	111-1	2385	2685	2551	2540	5.92	cps
Cadmium	106-1	7619	7827	6985	7477	5.87	cps
Cadmium	108-1	200	283	188	224	23.30	cps
Calcium	43-1	13206	13531	13273	13337	1.29	cps
Calcium	44-1	212095	222837	227674	220869	3.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7172	6655	6785	6871	3.91	cps
Cobalt	59-2	5194	4904	5081	5060	2.89	cps
Copper	63-2	8092	7759	8066	7972	2.32	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	75	50	92	72	29.04	cps
Erbium	164-2	47	40	53	47	14.28	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	347	407	303	352	14.73	cps
Holmium	165-1	10478683	10708621	9968214	10385173	3.65	cps
Holmium	165-2	6556204	7073288	5976556	6535349	8.40	cps
Indium	115-1	7769680	8052931	7409220	7743944	4.17	cps
Indium	115-2	2463805	2651930	2274044	2463259	7.67	cps
Iron	56-2	162058	159121	161788	160989	1.01	cps
Iron	57-2	4278	4006	4134	4140	3.29	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10935	10595	10605	10711	1.81	cps
Krypton	83-1	190	173	170	178	6.03	cps
Lead	206-1	7102	7430	7363	7298	2.37	cps
Lead	207-1	6274	6541	6424	6413	2.09	cps
Lead	208-1	28223	29669	29674	29189	2.87	cps
Lithium	6-1	3473168	3451140	3289144	3404484	2.95	cps
Magnesium	24-2	190396	187843	189193	189144	0.68	cps
Manganese	55-2	2784	2694	2814	2764	2.26	cps
Molybdenum	94-1	15467	15859	15167	15497	2.24	cps
Molybdenum	95-1	17870	18821	18629	18440	2.73	cps
Molybdenum	96-1	20615	20640	21341	20865	1.98	cps
Molybdenum	97-1	11380	12556	12347	12094	5.19	cps
Molybdenum	98-1	29839	30032	30474	30115	1.08	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	1330	1337	1333	1333	0.25	cps
Phosphorus	31-2	417	600	475	497	18.84	cps
Potassium	39-2	236543	235789	236925	236419	0.24	cps
Rhodium	103-1	7184818	7421535	6732192	7112848	4.92	cps
Rhodium	103-2	3820143	4071247	3570530	3820640	6.55	cps
Scandium	45-1	5113723	5288869	4851465	5084686	4.33	cps
Scandium	45-2	363395	389232	336096	362908	7.32	cps
Selenium	82-1	741	743	688	724	4.29	cps
Selenium	77-2	63	47	70	60	20.03	cps
Selenium	78-2	339	378	407	375	9.17	cps
Silicon	28-1	551645	556306	546207	551386	0.92	cps
Silver	107-1	9879	10170	10512	10187	3.11	cps
Silver	109-1	9378	9728	9737	9615	2.13	cps
Sodium	23-2	323079	323349	323742	323390	0.10	cps
Strontium	86-1	2734	2709	2942	2795	4.59	cps
Strontium	88-1	22593	23853	22801	23082	2.93	cps
Sulfur	34-1	270834	273815	273643	272764	0.61	cps
Terbium	159-1	10580145	10721535	10028195	10443292	3.51	cps
Terbium	159-2	6452153	6923042	5916182	6430459	7.83	cps
Thallium	203-1	7969	8511	8895	8458	5.50	cps
Thallium	205-1	19707	20891	21392	20663	4.19	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	LLICV1	Instrumnet Name :	P7
Client Sample ID :	LLICV1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:43:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	30909	32764	32137	31936	2.95	cps
Titanium	47-1	5810	5559	5943	5771	3.37	cps
Uranium	238-1	27040	27827	27256	27375	1.49	cps
Vanadium	51-2	12719	12896	12882	12832	0.77	cps
Yttrium	89-1	13111519	13841213	12781290	13244674	4.09	cps
Yttrium	89-2	2850454	3046974	2651911	2849780	6.93	cps
Zinc	66-2	1550	1233	1593	1459	13.47	cps
Zirconium	90-1	13190	13190	13073	13151	0.51	cps
Zirconium	91-1	3034	2967	3159	3053	3.19	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	89	94	94	5.88	cps
Antimony	121-1	50	108	67	75	40.06	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	8	42	8	19	99.00	cps
Beryllium	9-1	160	100	147	136	23.24	cps
Bismuth	209-1	6995350	7236270	6855493	7029038	2.74	cps
Bismuth	209-2	5240940	5172614	5262689	5225414	0.90	cps
Boron	10-1	2000	1733	1925	1886	7.29	cps
Boron	11-1	9620	8919	9220	9253	3.80	cps
Bromine	81-1	69448	68234	69615	69099	1.09	cps
Bromine	81-2	100	110	120	110	9.09	cps
Cadmium	111-1	726	746	705	726	2.82	cps
Cadmium	106-1	7369	7544	7052	7321	3.41	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	58	100	125	94	35.66	cps
Calcium	44-1	7844	8144	7152	7713	6.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	783	847	803	811	3.99	cps
Cobalt	59-2	40	63	40	48	28.19	cps
Copper	63-2	993	950	903	949	4.74	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	30	40	40	37	15.75	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	377	380	340	366	6.07	cps
Holmium	165-1	10424563	10336759	10046639	10269320	1.93	cps
Holmium	165-2	6505077	6335626	6644637	6495113	2.38	cps
Indium	115-1	7612635	7762336	7529856	7634942	1.54	cps
Indium	115-2	2482768	2509391	2478315	2490158	0.67	cps
Iron	56-2	9942	10165	10009	10039	1.14	cps
Iron	57-2	283	239	189	237	19.93	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2052	1742	1912	1902	8.17	cps
Krypton	83-1	177	157	163	166	6.15	cps
Lead	206-1	506	467	417	463	9.62	cps
Lead	207-1	439	328	328	365	17.58	cps
Lead	208-1	1833	1767	1617	1739	6.38	cps
Lithium	6-1	3400870	3445397	3188401	3344889	4.11	cps
Magnesium	24-2	244	328	411	328	25.42	cps
Manganese	55-2	193	170	150	171	12.68	cps
Molybdenum	94-1	92	150	192	144	34.77	cps
Molybdenum	95-1	125	92	125	114	16.90	cps
Molybdenum	96-1	217	192	208	206	6.19	cps
Molybdenum	97-1	92	58	75	75	22.22	cps
Molybdenum	98-1	158	125	92	125	26.67	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	100	90	67	86	19.99	cps
Phosphorus	31-2	350	350	325	342	4.23	cps
Potassium	39-2	41733	40538	40496	40922	1.72	cps
Rhodium	103-1	6929538	7043914	6861078	6944843	1.33	cps
Rhodium	103-2	3834793	3853286	3858040	3848706	0.32	cps
Scandium	45-1	5033254	5139971	4829827	5001017	3.15	cps
Scandium	45-2	363521	359054	361773	361449	0.62	cps
Selenium	82-1	-8	40	59	30	112.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	146	161	206	171	18.04	cps
Silicon	28-1	505864	501478	507356	504899	0.61	cps
Silver	107-1	225	208	100	178	38.18	cps
Silver	109-1	150	83	108	114	29.57	cps
Sodium	23-2	18333	17977	18161	18157	0.98	cps
Strontium	86-1	233	300	317	283	15.56	cps
Strontium	88-1	208	200	183	197	6.45	cps
Sulfur	34-1	272844	273159	273863	273289	0.19	cps
Terbium	159-1	10394553	10578999	9947491	10307014	3.15	cps
Terbium	159-2	6506212	6344654	6380462	6410443	1.32	cps
Thallium	203-1	233	275	225	244	10.96	cps
Thallium	205-1	492	558	617	556	11.26	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICB10	Instrumnet Name :	P7
Client Sample ID :	ICB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:48	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	533	592	550	558	5.38	cps
Titanium	47-1	125	142	150	139	9.17	cps
Uranium	238-1	-1	7	7	5	106.33	cps
Vanadium	51-2	13	33	23	23	42.86	cps
Yttrium	89-1	13093359	13521189	12792896	13135815	2.79	cps
Yttrium	89-2	2832212	2800227	2779344	2803928	0.95	cps
Zinc	66-2	383	337	350	357	6.74	cps
Zirconium	90-1	458	608	433	500	18.93	cps
Zirconium	91-1	67	67	92	75	19.24	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : ICSA10 Instrumnet Name : P7
 Client Sample ID : ICSA10 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 15:49:41 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18411482	18272454	18114512	18266149	0.81	cps
Antimony	121-1	5818	5643	5901	5787	2.28	cps
Arsenic	75-2	81	98	87	89	9.55	cps
Barium	135-1	2425	2775	2592	2598	6.74	cps
Barium	137-1	3884	4534	4893	4437	11.52	cps
Beryllium	9-1	763	713	623	700	10.14	cps
Bismuth	209-1	5980203	5923969	5984033	5962735	0.56	cps
Bismuth	209-2	4469980	4569316	4471958	4503751	1.26	cps
Boron	10-1	1750	1800	1733	1761	1.97	cps
Boron	11-1	7677	7802	7327	7602	3.24	cps
Bromine	81-1	63613	62826	63990	63476	0.94	cps
Bromine	81-2	120	190	140	150	24.04	cps
Cadmium	111-1	1885	2190	1490	1855	18.93	cps
Cadmium	106-1	6969	6994	6835	6932	1.23	cps
Cadmium	108-1	2625	2496	2854	2659	6.83	cps
Calcium	43-1	2348251	2423894	2395851	2389332	1.60	cps
Calcium	44-1	37986977	38366548	38030586	38128037	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56903	56395	56602	56634	0.45	cps
Cobalt	59-2	5735	5414	5845	5664	3.95	cps
Copper	63-2	23041	22894	22520	22819	1.18	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	17	20	37	24	43.83	cps
Erbium	164-1	142	133	67	114	36.09	cps
Erbium	164-2	70	43	63	59	23.57	cps
Gadolinium	160-1	75	83	33	64	41.93	cps
Gadolinium	160-2	377	343	397	372	7.24	cps
Holmium	165-1	10032418	9681373	9856429	9856740	1.78	cps
Holmium	165-2	6166194	6487215	6316887	6323432	2.54	cps
Indium	115-1	6995689	6583994	6771248	6783644	3.04	cps
Indium	115-2	2205440	2289406	2188956	2227934	2.42	cps
Iron	56-2	266414200	263770678	266521489	265568789	0.59	cps
Iron	57-2	6738085	6667177	6653345	6686202	0.68	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSA10	Instrumnet Name :	P7
Client Sample ID :	ICSA10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:49:41	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14597155	14518516	14458197	14524623	0.48	cps
Krypton	83-1	190	137	140	156	19.21	cps
Lead	206-1	28642	29293	29655	29196	1.76	cps
Lead	207-1	23270	22886	23387	23181	1.13	cps
Lead	208-1	108289	109276	110725	109430	1.12	cps
Lithium	6-1	3194840	2922425	3024616	3047294	4.52	cps
Magnesium	24-2	33201488	33136067	33047960	33128505	0.23	cps
Manganese	55-2	18254	18124	18335	18238	0.58	cps
Molybdenum	94-1	3973011	4029456	4108264	4036910	1.68	cps
Molybdenum	95-1	6793043	7033167	7081156	6969122	2.21	cps
Molybdenum	96-1	7203351	7372986	7324641	7300326	1.20	cps
Molybdenum	97-1	4263839	4272502	4375027	4303789	1.44	cps
Molybdenum	98-1	10882098	11069375	11332300	11094591	2.04	cps
Neodymium	150-1	27	53	33	38	36.73	cps
Neodymium	150-2	20	20	37	26	37.66	cps
Nickel	60-2	6298	6218	5928	6148	3.17	cps
Phosphorus	31-2	935364	924276	936566	932069	0.73	cps
Potassium	39-2	34091661	33679965	33913103	33894910	0.61	cps
Rhodium	103-1	5978160	5641893	5768463	5796172	2.93	cps
Rhodium	103-2	3265475	3344059	3257545	3289027	1.45	cps
Scandium	45-1	4761565	4504646	4533347	4599853	3.06	cps
Scandium	45-2	329286	342238	337047	336190	1.94	cps
Selenium	82-1	59	102	101	87	27.65	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	163	152	120	145	15.23	cps
Silicon	28-1	626687	641202	631533	633141	1.17	cps
Silver	107-1	317	292	283	297	5.84	cps
Silver	109-1	400	275	383	353	19.24	cps
Sodium	23-2	58407387	57348165	57734789	57830114	0.93	cps
Strontium	86-1	87778	87174	88935	87962	1.02	cps
Strontium	88-1	761399	761329	769754	764160	0.63	cps
Sulfur	34-1	4733355	4750458	4729017	4737610	0.24	cps
Terbium	159-1	10080207	9766218	9744718	9863715	1.90	cps
Terbium	159-2	6044748	6234659	6236011	6171806	1.78	cps
Thallium	203-1	217	267	200	228	15.23	cps
Thallium	205-1	567	642	558	589	7.79	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSA10	Instrumnet Name :	P7
Client Sample ID :	ICSA10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:49:41	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1550	1742	1692	1661	5.99	cps
Titanium	47-1	2157743	2197036	2186348	2180376	0.93	cps
Uranium	238-1	-3365	-3265	-3415	-3349	-2.29	cps
Vanadium	51-2	660	533	567	587	11.19	cps
Yttrium	89-1	12436290	12098089	12044504	12192961	1.74	cps
Yttrium	89-2	2654911	2742404	2699986	2699100	1.62	cps
Zinc	66-2	5414	5324	5544	5428	2.04	cps
Zirconium	90-1	658	583	617	619	6.07	cps
Zirconium	91-1	117	150	142	136	12.74	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18022474	17944480	18037839	18001598	0.28	cps
Antimony	121-1	118271	120362	122926	120520	1.93	cps
Arsenic	75-2	5770	6012	5833	5872	2.14	cps
Barium	135-1	40458	39865	40116	40146	0.74	cps
Barium	137-1	68942	70257	69244	69481	0.99	cps
Beryllium	9-1	41241	41271	41953	41489	0.97	cps
Bismuth	209-1	5730355	6752287	6221435	6234692	8.20	cps
Bismuth	209-2	4625675	4504882	4695853	4608803	2.10	cps
Boron	10-1	22116	23226	22934	22759	2.53	cps
Boron	11-1	105055	104669	102463	104062	1.34	cps
Bromine	81-1	67731	70713	68452	68965	2.26	cps
Bromine	81-2	210	150	120	160	28.64	cps
Cadmium	111-1	34604	34193	35055	34617	1.25	cps
Cadmium	106-1	12564	13165	12998	12909	2.40	cps
Cadmium	108-1	6664	6239	6493	6465	3.31	cps
Calcium	43-1	2457711	2458443	2510312	2475489	1.22	cps
Calcium	44-1	39023068	39644147	39620069	39429094	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114215	112791	113681	113562	0.63	cps
Cobalt	59-2	93499	95209	93626	94111	1.01	cps
Copper	63-2	80250	78400	80210	79620	1.33	cps
Dysprosium	156-1	50	100	42	64	49.38	cps
Dysprosium	156-2	27	33	50	37	32.78	cps
Erbium	164-1	75	108	58	81	31.60	cps
Erbium	164-2	57	90	60	69	26.65	cps
Gadolinium	160-1	50	108	67	75	40.06	cps
Gadolinium	160-2	297	390	327	338	14.11	cps
Holmium	165-1	9536609	11121049	10204176	10287278	7.73	cps
Holmium	165-2	6442398	6438185	6606702	6495762	1.48	cps
Indium	115-1	6589979	7718963	6984416	7097786	8.07	cps
Indium	115-2	2237380	2232957	2241034	2237123	0.18	cps
Iron	56-2	267772962	264114528	265350134	265745874	0.70	cps
Iron	57-2	6735111	6698372	6681644	6705042	0.41	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14840944	14477872	14775797	14698204	1.32	cps
Krypton	83-1	157	197	157	170	13.58	cps
Lead	206-1	166736	166854	168491	167360	0.59	cps
Lead	207-1	140659	139535	139413	139869	0.49	cps
Lead	208-1	641963	641873	647358	643731	0.49	cps
Lithium	6-1	2781044	3285469	2996266	3020927	8.38	cps
Magnesium	24-2	33053915	32537443	33020567	32870641	0.88	cps
Manganese	55-2	62717	62656	62660	62678	0.05	cps
Molybdenum	94-1	4449201	4362146	4414556	4408635	0.99	cps
Molybdenum	95-1	7415756	7277616	7292515	7328629	1.03	cps
Molybdenum	96-1	7801346	7754747	7857708	7804600	0.66	cps
Molybdenum	97-1	4591486	4572769	4610704	4591653	0.41	cps
Molybdenum	98-1	11549794	11656097	11716030	11640641	0.72	cps
Neodymium	150-1	47	73	27	49	47.89	cps
Neodymium	150-2	33	30	17	27	33.06	cps
Nickel	60-2	27455	27241	27298	27332	0.41	cps
Phosphorus	31-2	952140	940371	944942	945818	0.63	cps
Potassium	39-2	34280215	33642228	34020839	33981094	0.94	cps
Rhodium	103-1	5624190	6591621	6060429	6092080	7.95	cps
Rhodium	103-2	3358411	3338024	3356937	3351124	0.34	cps
Scandium	45-1	4425747	5253750	4683647	4787715	8.85	cps
Scandium	45-2	342281	340483	342669	341811	0.34	cps
Selenium	82-1	2673	2752	2868	2764	3.55	cps
Selenium	77-2	233	213	190	212	10.22	cps
Selenium	78-2	987	1017	932	978	4.42	cps
Silicon	28-1	938927	949030	948724	945560	0.61	cps
Silver	107-1	176813	177655	179959	178142	0.91	cps
Silver	109-1	168280	168652	171256	169396	0.96	cps
Sodium	23-2	57965965	57063843	57776711	57602173	0.83	cps
Strontium	86-1	219841	221311	227539	222897	1.83	cps
Strontium	88-1	1939678	1966085	1969418	1958394	0.83	cps
Sulfur	34-1	4979294	4989082	4970127	4979501	0.19	cps
Terbium	159-1	9374774	11178023	10200004	10250934	8.81	cps
Terbium	159-2	6291966	6235128	6418824	6315306	1.49	cps
Thallium	203-1	163643	165236	166938	165272	1.00	cps
Thallium	205-1	391534	393789	397377	394234	0.75	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	ICSAB10	Instrumnet Name :	P7
Client Sample ID :	ICSAB10	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:01:58	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	298489	298556	305756	300934	1.39	cps
Titanium	47-1	2313142	2389648	2351025	2351272	1.63	cps
Uranium	238-1	1438493	1453694	1466774	1452987	0.97	cps
Vanadium	51-2	48026	47618	47632	47759	0.49	cps
Yttrium	89-1	11682665	13883664	12409441	12658590	8.86	cps
Yttrium	89-2	2690107	2704763	2753408	2716092	1.22	cps
Zinc	66-2	14140	13596	13853	13863	1.96	cps
Zirconium	90-1	648176	652397	665130	655235	1.35	cps
Zirconium	91-1	148489	151359	147647	149165	1.30	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9701133	9648821	9614336	9654763	0.45	cps
Antimony	121-1	2730432	2815737	2779157	2775109	1.54	cps
Arsenic	75-2	133710	133204	133424	133446	0.19	cps
Barium	135-1	4676562	4754952	4767527	4733014	1.04	cps
Barium	137-1	7989393	8224871	8261961	8158742	1.81	cps
Beryllium	9-1	941606	969266	975058	961977	1.86	cps
Bismuth	209-1	5745111	5708669	5747712	5733831	0.38	cps
Bismuth	209-2	4103065	4093720	4121629	4106138	0.35	cps
Boron	10-1	202180	222555	228170	217635	6.28	cps
Boron	11-1	926150	1026684	1030883	994572	5.96	cps
Bromine	81-1	65722	67924	65924	66523	1.83	cps
Bromine	81-2	70	90	120	93	26.97	cps
Cadmium	111-1	787176	801507	811829	800170	1.55	cps
Cadmium	106-1	115357	120095	117809	117754	2.01	cps
Cadmium	108-1	75867	77296	80266	77810	2.88	cps
Calcium	43-1	5876029	6151621	6156384	6061345	2.65	cps
Calcium	44-1	94413298	96920342	96506346	95946662	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1484856	1474629	1489041	1482842	0.50	cps
Cobalt	59-2	2249881	2289441	2262075	2267132	0.89	cps
Copper	63-2	15086936	15171529	15098906	15119124	0.30	cps
Dysprosium	156-1	1067	1075	958	1033	6.30	cps
Dysprosium	156-2	793	797	673	754	9.31	cps
Erbium	164-1	117	208	167	164	28.00	cps
Erbium	164-2	97	103	80	93	12.88	cps
Gadolinium	160-1	1100	942	892	978	11.12	cps
Gadolinium	160-2	913	973	973	953	3.63	cps
Holmium	165-1	9989546	9881744	9693211	9854834	1.52	cps
Holmium	165-2	6256057	6139849	6127344	6174417	1.15	cps
Indium	115-1	6738508	6621338	6643576	6667807	0.93	cps
Indium	115-2	2140988	2100131	2092732	2111284	1.23	cps
Iron	56-2	331281419	325105252	327220263	327868978	0.96	cps
Iron	57-2	8437944	8355233	8463842	8419006	0.67	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18221565	18611102	18324050	18385572	1.10	cps
Krypton	83-1	250	267	260	259	3.24	cps
Lead	206-1	17304068	17834691	17830091	17656283	1.73	cps
Lead	207-1	15731142	16425612	16141935	16099563	2.17	cps
Lead	208-1	70093206	72666883	71991188	71583759	1.86	cps
Lithium	6-1	2899358	2925897	2941357	2922204	0.73	cps
Magnesium	24-2	90286916	89130560	90239544	89885673	0.73	cps
Manganese	55-2	11415371	11437008	11309013	11387130	0.60	cps
Molybdenum	94-1	12706146	13191790	13097741	12998559	1.98	cps
Molybdenum	95-1	18168608	18611407	19020953	18600323	2.29	cps
Molybdenum	96-1	19521056	19958937	20223240	19901078	1.78	cps
Molybdenum	97-1	11378615	11786966	11618430	11594670	1.77	cps
Molybdenum	98-1	28758075	29623131	29837711	29406306	1.94	cps
Neodymium	150-1	1287	1240	1273	1267	1.90	cps
Neodymium	150-2	233	223	220	226	3.08	cps
Nickel	60-2	538033	541412	539762	539736	0.31	cps
Phosphorus	31-2	97963	98080	98852	98298	0.49	cps
Potassium	39-2	44515773	44577157	43987755	44360228	0.73	cps
Rhodium	103-1	5691370	5673334	5616786	5660497	0.69	cps
Rhodium	103-2	3194085	3066287	3113378	3124583	2.07	cps
Scandium	45-1	4723531	4612932	4676233	4670899	1.19	cps
Scandium	45-2	344637	337743	338779	340386	1.09	cps
Selenium	82-1	63266	64676	64969	64304	1.42	cps
Selenium	77-2	5401	5301	5381	5361	0.99	cps
Selenium	78-2	18393	18128	17959	18160	1.20	cps
Silicon	28-1	14697814	15344217	15301886	15114639	2.39	cps
Silver	107-1	4363075	4531577	4553661	4482771	2.33	cps
Silver	109-1	4193844	4301861	4389167	4294957	2.28	cps
Sodium	23-2	148249998	146404037	147814648	147489561	0.65	cps
Strontium	86-1	32981019	33827629	33866767	33558472	1.49	cps
Strontium	88-1	287766648	294720782	289670681	290719370	1.24	cps
Sulfur	34-1	717022	735030	737491	729848	1.53	cps
Terbium	159-1	9828257	9801124	9769354	9799579	0.30	cps
Terbium	159-2	6062981	5901893	6006293	5990389	1.36	cps
Thallium	203-1	4153528	4196265	4221900	4190564	0.82	cps
Thallium	205-1	9898818	9933139	10120672	9984209	1.20	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:05:23	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2899723	3016668	2968455	2961615	1.98	cps
Titanium	47-1	5500097	5577789	5549813	5542566	0.71	cps
Uranium	238-1	14219551	14441883	14750396	14470610	1.84	cps
Vanadium	51-2	1258414	1254915	1259353	1257561	0.19	cps
Yttrium	89-1	12371914	12279791	12177577	12276427	0.79	cps
Yttrium	89-2	2681858	2670675	2637875	2663470	0.86	cps
Zinc	66-2	2208125	2174142	2212522	2198263	0.96	cps
Zirconium	90-1	6464157	6588625	6616401	6556394	1.24	cps
Zirconium	91-1	1464941	1485617	1496668	1482409	1.09	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	94	72	81	14.20	cps
Antimony	121-1	283	350	317	317	10.53	cps
Arsenic	75-2	7	11	0	6	91.64	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	67	17	8	31	103.26	cps
Beryllium	9-1	157	107	107	123	23.41	cps
Bismuth	209-1	7260599	7184198	7144884	7196561	0.82	cps
Bismuth	209-2	5394803	5362670	5410433	5389302	0.45	cps
Boron	10-1	2084	2067	2084	2078	0.46	cps
Boron	11-1	9745	10028	9320	9698	3.68	cps
Bromine	81-1	75091	75486	75109	75229	0.30	cps
Bromine	81-2	130	70	70	90	38.49	cps
Cadmium	111-1	759	697	696	717	4.98	cps
Cadmium	106-1	7619	7019	7094	7244	4.52	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	158	92	108	119	29.05	cps
Calcium	44-1	9904	8836	9203	9314	5.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	797	833	770	800	3.97	cps
Cobalt	59-2	33	60	60	51	30.13	cps
Copper	63-2	1223	1133	1147	1168	4.16	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	43	57	33	44	26.35	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	400	427	417	414	3.25	cps
Holmium	165-1	10908516	10486384	10375247	10590049	2.66	cps
Holmium	165-2	6722548	6640977	6833590	6732372	1.44	cps
Indium	115-1	8160536	7751587	7818732	7910285	2.77	cps
Indium	115-2	2560150	2563803	2613466	2579139	1.15	cps
Iron	56-2	11872	11605	11727	11734	1.14	cps
Iron	57-2	300	344	283	309	10.21	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2062	1962	2122	2049	3.95	cps
Krypton	83-1	160	180	170	170	5.88	cps
Lead	206-1	611	517	561	563	8.39	cps
Lead	207-1	506	494	400	467	12.43	cps
Lead	208-1	2422	2011	2139	2191	9.60	cps
Lithium	6-1	3389127	3277702	3264352	3310394	2.07	cps
Magnesium	24-2	533	511	533	526	2.44	cps
Manganese	55-2	180	127	157	154	17.31	cps
Molybdenum	94-1	400	333	292	342	15.99	cps
Molybdenum	95-1	325	217	267	269	20.12	cps
Molybdenum	96-1	483	308	400	397	22.04	cps
Molybdenum	97-1	225	142	117	161	35.21	cps
Molybdenum	98-1	592	425	283	433	35.62	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	100	80	103	94	13.36	cps
Phosphorus	31-2	225	400	325	317	27.73	cps
Potassium	39-2	43722	41708	42335	42588	2.42	cps
Rhodium	103-1	7395832	7136394	7188643	7240289	1.90	cps
Rhodium	103-2	3939695	3963398	4038298	3980463	1.29	cps
Scandium	45-1	5222920	5120842	5107767	5150509	1.22	cps
Scandium	45-2	377938	375528	375767	376411	0.35	cps
Selenium	82-1	20	18	21	20	10.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	131	176	165	157	14.70	cps
Silicon	28-1	527738	524011	525639	525796	0.36	cps
Silver	107-1	250	217	225	231	7.52	cps
Silver	109-1	108	142	167	139	21.07	cps
Sodium	23-2	23902	23040	22750	23231	2.58	cps
Strontium	86-1	342	367	467	392	16.89	cps
Strontium	88-1	1033	633	642	769	29.71	cps
Sulfur	34-1	282247	280464	279779	280830	0.45	cps
Terbium	159-1	10983756	10479631	10439336	10634241	2.85	cps
Terbium	159-2	6698939	6586577	6652391	6645969	0.85	cps
Thallium	203-1	208	317	367	297	27.23	cps
Thallium	205-1	692	767	750	736	5.35	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:16:34	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	742	675	625	681	8.60	cps
Titanium	47-1	158	175	208	181	14.10	cps
Uranium	238-1	112	22	38	57	83.30	cps
Vanadium	51-2	30	13	23	22	37.76	cps
Yttrium	89-1	13637307	13544321	13482520	13554716	0.57	cps
Yttrium	89-2	3001655	2930708	2988124	2973496	1.27	cps
Zinc	66-2	510	397	400	436	14.81	cps
Zirconium	90-1	592	608	533	578	6.82	cps
Zirconium	91-1	83	108	158	117	32.73	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3817	4184	4467	4156	7.84	cps
Antimony	121-1	11647	11396	12139	11727	3.22	cps
Arsenic	75-2	378	300	317	331	12.35	cps
Barium	135-1	17878	18854	18412	18382	2.66	cps
Barium	137-1	31218	32421	32128	31923	1.97	cps
Beryllium	9-1	2347	2517	2384	2416	3.70	cps
Bismuth	209-1	7054747	7169630	7209984	7144787	1.13	cps
Bismuth	209-2	5525711	5359048	5475179	5453313	1.57	cps
Boron	10-1	9095	10062	10329	9828	6.61	cps
Boron	11-1	42501	45952	45985	44813	4.47	cps
Bromine	81-1	77822	75183	76558	76521	1.72	cps
Bromine	81-2	110	50	50	70	49.49	cps
Cadmium	111-1	2499	2846	2577	2641	6.90	cps
Cadmium	106-1	7219	7686	7577	7494	3.26	cps
Cadmium	108-1	188	217	188	197	8.54	cps
Calcium	43-1	12973	13907	14382	13754	5.21	cps
Calcium	44-1	219455	224282	224061	222599	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6888	6835	6722	6815	1.25	cps
Cobalt	59-2	5078	5031	4871	4993	2.17	cps
Copper	63-2	8129	8189	8256	8191	0.77	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	100	33	92	75	48.44	cps
Erbium	164-2	27	40	43	37	24.04	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	370	490	333	398	20.60	cps
Holmium	165-1	10158082	10400029	10558099	10372070	1.94	cps
Holmium	165-2	6888606	6703180	6819617	6803801	1.38	cps
Indium	115-1	7698558	7799989	7986518	7828355	1.87	cps
Indium	115-2	2627248	2482778	2541998	2550675	2.85	cps
Iron	56-2	160345	160212	160246	160267	0.04	cps
Iron	57-2	3973	4117	4190	4093	2.70	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10524	10354	9934	10271	2.96	cps
Krypton	83-1	190	147	203	180	16.46	cps
Lead	206-1	7174	7397	7096	7222	2.16	cps
Lead	207-1	6363	6146	6446	6318	2.45	cps
Lead	208-1	29024	29808	28634	29155	2.05	cps
Lithium	6-1	3272323	3283166	3354500	3303330	1.35	cps
Magnesium	24-2	186268	188310	182701	185759	1.53	cps
Manganese	55-2	2697	2644	2667	2669	1.00	cps
Molybdenum	94-1	15917	15767	15350	15678	1.87	cps
Molybdenum	95-1	18312	19313	19246	18957	2.95	cps
Molybdenum	96-1	21316	21191	21174	21227	0.37	cps
Molybdenum	97-1	12105	11655	12164	11975	2.32	cps
Molybdenum	98-1	30282	30240	31209	30577	1.79	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1360	1397	1350	1369	1.79	cps
Phosphorus	31-2	433	450	483	456	5.59	cps
Potassium	39-2	235552	233394	233766	234237	0.49	cps
Rhodium	103-1	7018965	7102198	7343512	7154892	2.36	cps
Rhodium	103-2	4082669	3930027	3992207	4001634	1.92	cps
Scandium	45-1	4990161	5138205	5219038	5115801	2.27	cps
Scandium	45-2	392541	368945	383357	381614	3.12	cps
Selenium	82-1	810	871	726	802	9.03	cps
Selenium	77-2	50	107	57	71	43.55	cps
Selenium	78-2	387	439	415	414	6.27	cps
Silicon	28-1	567749	564715	569474	567312	0.42	cps
Silver	107-1	10788	10271	10396	10485	2.57	cps
Silver	109-1	9437	9895	9954	9762	2.90	cps
Sodium	23-2	316831	321150	315480	317820	0.93	cps
Strontium	86-1	2934	3109	3009	3017	2.91	cps
Strontium	88-1	24387	24145	24772	24435	1.29	cps
Sulfur	34-1	287007	283893	282992	284631	0.74	cps
Terbium	159-1	10324064	10591486	10598621	10504723	1.49	cps
Terbium	159-2	6849098	6578672	6761861	6729877	2.05	cps
Thallium	203-1	8311	8028	8570	8303	3.27	cps
Thallium	205-1	20074	19548	20332	19985	2.00	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:25:29	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	32028	31368	34922	32773	5.77	cps
Titanium	47-1	5901	5793	5868	5854	0.95	cps
Uranium	238-1	27599	28252	26988	27613	2.29	cps
Vanadium	51-2	12926	12525	12762	12738	1.58	cps
Yttrium	89-1	13300443	13446395	13709314	13485384	1.54	cps
Yttrium	89-2	2993112	2906239	2978490	2959280	1.57	cps
Zinc	66-2	1537	1430	1620	1529	6.23	cps
Zirconium	90-1	13381	12889	13573	13281	2.66	cps
Zirconium	91-1	3009	2700	3150	2953	7.79	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3056	3262	3106	3141	3.41	cps
Antimony	121-1	4417	4201	4726	4448	5.93	cps
Arsenic	75-2	280	267	222	256	11.75	cps
Barium	135-1	5885	6827	6952	6555	8.90	cps
Barium	137-1	11105	11897	11847	11616	3.82	cps
Beryllium	9-1	1657	1797	1697	1717	4.20	cps
Bismuth	209-1	7447345	7356938	7250027	7351437	1.34	cps
Bismuth	209-2	5488707	5329121	5312242	5376690	1.81	cps
Boron	10-1	1242	1150	1317	1236	6.75	cps
Boron	11-1	5576	5976	5151	5568	7.41	cps
Bromine	81-1	78552	76985	75603	77046	1.92	cps
Bromine	81-2	70	130	30	77	65.65	cps
Cadmium	111-1	2250	2125	2198	2191	2.86	cps
Cadmium	106-1	7919	7919	7961	7933	0.30	cps
Cadmium	108-1	138	125	117	126	8.30	cps
Calcium	43-1	2059	2034	1959	2017	2.58	cps
Calcium	44-1	38934	39235	39343	39171	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3010	2924	3077	3004	2.56	cps
Cobalt	59-2	3927	3787	3710	3808	2.89	cps
Copper	63-2	5815	6198	6015	6009	3.19	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	92	25	56	60.62	cps
Erbium	164-2	37	57	37	43	26.64	cps
Gadolinium	160-1	33	58	25	39	44.61	cps
Gadolinium	160-2	393	367	353	371	5.49	cps
Holmium	165-1	10903541	10838230	10781022	10840931	0.57	cps
Holmium	165-2	6890169	6630168	6731336	6750558	1.94	cps
Indium	115-1	8270900	8259898	8029607	8186802	1.66	cps
Indium	115-2	2608309	2526989	2564765	2566688	1.59	cps
Iron	56-2	120472	119957	120528	120319	0.26	cps
Iron	57-2	2734	3084	2995	2937	6.19	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8101	7780	8020	7967	2.09	cps
Krypton	83-1	187	187	170	181	5.31	cps
Lead	206-1	5107	5246	5296	5216	1.88	cps
Lead	207-1	4417	4773	5095	4762	7.12	cps
Lead	208-1	20623	21602	21980	21401	3.27	cps
Lithium	6-1	3421827	3391270	3356182	3389760	0.97	cps
Magnesium	24-2	28443	27603	28315	28120	1.61	cps
Manganese	55-2	3751	3454	3741	3648	4.62	cps
Molybdenum	94-1	4859	5201	4743	4934	4.83	cps
Molybdenum	95-1	2784	2700	2692	2725	1.86	cps
Molybdenum	96-1	3576	3642	3626	3614	0.96	cps
Molybdenum	97-1	1758	1683	1825	1756	4.04	cps
Molybdenum	98-1	4117	4342	4626	4362	5.84	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1103	1077	967	1049	6.91	cps
Phosphorus	31-2	467	467	408	447	7.53	cps
Potassium	39-2	57510	56974	57526	57336	0.55	cps
Rhodium	103-1	7599599	7650988	7415973	7555520	1.64	cps
Rhodium	103-2	4031279	3910465	4030051	3990598	1.74	cps
Scandium	45-1	5432008	5353922	5348569	5378167	0.87	cps
Scandium	45-2	387239	371461	374436	377712	2.22	cps
Selenium	82-1	134	116	130	127	7.65	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	209	183	200	198	6.65	cps
Silicon	28-1	522825	512031	520667	518508	1.10	cps
Silver	107-1	7269	7369	7761	7466	3.48	cps
Silver	109-1	6885	7044	7019	6982	1.22	cps
Sodium	23-2	61606	60491	60591	60896	1.01	cps
Strontium	86-1	2059	2150	2309	2172	5.82	cps
Strontium	88-1	17361	17611	17394	17455	0.78	cps
Sulfur	34-1	290999	287203	283874	287358	1.24	cps
Terbium	159-1	10915483	10920440	10703247	10846390	1.14	cps
Terbium	159-2	6682528	6628525	6660183	6657079	0.41	cps
Thallium	203-1	5993	6360	5893	6082	4.04	cps
Thallium	205-1	14516	15217	14792	14842	2.38	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:34:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5093	5093	5585	5257	5.40	cps
Titanium	47-1	900	883	958	914	4.31	cps
Uranium	238-1	18969	19836	20705	19837	4.37	cps
Vanadium	51-2	1960	1883	1733	1859	6.20	cps
Yttrium	89-1	14399801	14144136	13852918	14132285	1.94	cps
Yttrium	89-2	2995786	2954036	2907527	2952450	1.50	cps
Zinc	66-2	1117	1080	1183	1127	4.65	cps
Zirconium	90-1	9120	9295	9353	9256	1.31	cps
Zirconium	91-1	1700	2192	2134	2009	13.38	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:37:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1128	1195	1206	1176	3.58	cps
Antimony	121-1	1592	1784	1650	1675	5.87	cps
Arsenic	75-2	81	94	72	83	13.50	cps
Barium	135-1	2467	2684	2325	2492	7.24	cps
Barium	137-1	3734	4251	4051	4012	6.50	cps
Beryllium	9-1	707	697	697	700	0.82	cps
Bismuth	209-1	7115269	7143407	7154396	7137691	0.28	cps
Bismuth	209-2	5421318	5415074	5188515	5341636	2.48	cps
Boron	10-1	808	1058	1100	989	15.95	cps
Boron	11-1	4392	4984	4659	4679	6.34	cps
Bromine	81-1	77043	76055	76642	76580	0.65	cps
Bromine	81-2	90	70	90	83	13.86	cps
Cadmium	111-1	1265	1237	1338	1280	4.09	cps
Cadmium	106-1	7752	7852	7494	7699	2.40	cps
Cadmium	108-1	50	46	88	61	37.55	cps
Calcium	43-1	858	800	742	800	7.29	cps
Calcium	44-1	18812	20331	19254	19466	4.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1747	1600	1513	1620	7.28	cps
Cobalt	59-2	1380	1347	1347	1358	1.42	cps
Copper	63-2	2820	2947	2784	2850	3.01	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	58	75	75	69	13.86	cps
Erbium	164-2	30	37	33	33	10.01	cps
Gadolinium	160-1	33	75	92	67	45.07	cps
Gadolinium	160-2	353	380	340	358	5.69	cps
Holmium	165-1	10714283	10769356	10541076	10674905	1.12	cps
Holmium	165-2	6780690	6693458	6672145	6715431	0.86	cps
Indium	115-1	7985876	7941145	7823647	7916889	1.06	cps
Indium	115-2	2599690	2559627	2524694	2561337	1.47	cps
Iron	56-2	49102	48885	49649	49212	0.80	cps
Iron	57-2	1272	1250	1256	1259	0.92	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:37:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3935	3784	3935	3885	2.23	cps
Krypton	83-1	170	207	150	176	16.37	cps
Lead	206-1	2172	2278	2189	2213	2.56	cps
Lead	207-1	1939	1900	2095	1978	5.20	cps
Lead	208-1	8685	8801	8690	8725	0.75	cps
Lithium	6-1	3336565	3466268	3391324	3398052	1.92	cps
Magnesium	24-2	10103	10343	10115	10187	1.32	cps
Manganese	55-2	1393	1377	1367	1379	0.98	cps
Molybdenum	94-1	4226	4334	4459	4340	2.69	cps
Molybdenum	95-1	4951	4809	5143	4968	3.37	cps
Molybdenum	96-1	5743	5701	5685	5710	0.53	cps
Molybdenum	97-1	2850	2842	3242	2978	7.68	cps
Molybdenum	98-1	7352	7961	7894	7736	4.32	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	357	403	447	402	11.19	cps
Phosphorus	31-2	275	483	425	394	27.25	cps
Potassium	39-2	47148	47684	47675	47502	0.65	cps
Rhodium	103-1	7177870	7306843	7326283	7270332	1.11	cps
Rhodium	103-2	4052491	3941133	3952801	3982142	1.54	cps
Scandium	45-1	5216641	5331528	5303921	5284030	1.13	cps
Scandium	45-2	387650	382569	374858	381692	1.69	cps
Selenium	82-1	345	343	429	372	13.23	cps
Selenium	77-2	50	33	17	33	50.00	cps
Selenium	78-2	269	283	343	298	13.15	cps
Silicon	28-1	515208	509649	509769	511542	0.62	cps
Silver	107-1	2775	2800	3117	2898	6.57	cps
Silver	109-1	2642	2650	2667	2653	0.48	cps
Sodium	23-2	30959	30965	30887	30937	0.14	cps
Strontium	86-1	875	1075	1050	1000	10.90	cps
Strontium	88-1	6268	5851	6318	6146	4.17	cps
Sulfur	34-1	292154	292144	289122	291140	0.60	cps
Terbium	159-1	10484175	10794015	10461981	10580057	1.75	cps
Terbium	159-2	6821515	6655057	6513666	6663413	2.31	cps
Thallium	203-1	2442	2242	2200	2295	5.63	cps
Thallium	205-1	5576	6001	5560	5712	4.38	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:37:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2275	4239	2567	3027	35.01	cps
Titanium	47-1	1725	1725	1675	1708	1.69	cps
Uranium	238-1	7204	7248	7354	7269	1.06	cps
Vanadium	51-2	603	560	613	592	4.79	cps
Yttrium	89-1	13686262	13683034	13772794	13714030	0.37	cps
Yttrium	89-2	2967388	2952080	2937213	2952227	0.51	cps
Zinc	66-2	633	597	500	577	11.94	cps
Zirconium	90-1	3759	3826	3892	3826	1.74	cps
Zirconium	91-1	725	742	608	692	10.50	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : N4955-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:40:11 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3306	3284	2978	3189	5.74	cps
Antimony	121-1	4251	4026	4543	4273	6.06	cps
Arsenic	75-2	278	237	250	255	8.16	cps
Barium	135-1	6793	7035	6785	6871	2.07	cps
Barium	137-1	11588	11505	11413	11502	0.76	cps
Beryllium	9-1	1887	1683	1690	1753	6.59	cps
Bismuth	209-1	7310922	7181181	7010293	7167465	2.10	cps
Bismuth	209-2	5218567	5280546	5256986	5252033	0.60	cps
Boron	10-1	1067	1000	1000	1022	3.77	cps
Boron	11-1	4476	4809	4617	4634	3.61	cps
Bromine	81-1	74053	76726	74431	75070	1.93	cps
Bromine	81-2	70	140	130	113	33.41	cps
Cadmium	111-1	2061	2271	2172	2168	4.85	cps
Cadmium	106-1	8219	8661	7827	8236	5.07	cps
Cadmium	108-1	129	154	200	161	22.30	cps
Calcium	43-1	2009	2092	2159	2086	3.60	cps
Calcium	44-1	39210	41290	40137	40212	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3164	2960	3204	3109	4.20	cps
Cobalt	59-2	3817	3620	3697	3712	2.67	cps
Copper	63-2	5888	5801	5828	5839	0.76	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	27	57	37	40	38.18	cps
Gadolinium	160-1	92	67	8	56	76.98	cps
Gadolinium	160-2	357	423	417	399	9.21	cps
Holmium	165-1	10621274	10513359	10594434	10576356	0.53	cps
Holmium	165-2	6508718	6599267	6607712	6571899	0.84	cps
Indium	115-1	8110833	8090659	7928776	8043423	1.24	cps
Indium	115-2	2466414	2517747	2431031	2471731	1.76	cps
Iron	56-2	122953	120932	122505	122130	0.87	cps
Iron	57-2	2995	3189	2895	3026	4.95	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:40:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8151	8100	7760	8004	2.66	cps
Krypton	83-1	223	167	143	178	23.14	cps
Lead	206-1	5479	5457	5507	5481	0.46	cps
Lead	207-1	4740	4795	4907	4814	1.76	cps
Lead	208-1	21346	21729	22174	21750	1.91	cps
Lithium	6-1	3479393	3367657	3446522	3431191	1.67	cps
Magnesium	24-2	28894	29055	28432	28794	1.12	cps
Manganese	55-2	3610	3534	3714	3619	2.50	cps
Molybdenum	94-1	4918	5218	5501	5212	5.60	cps
Molybdenum	95-1	2875	3017	2959	2950	2.41	cps
Molybdenum	96-1	3442	3275	3517	3412	3.63	cps
Molybdenum	97-1	1809	1692	1675	1725	4.21	cps
Molybdenum	98-1	4576	4409	4317	4434	2.95	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	983	1023	1100	1036	5.72	cps
Phosphorus	31-2	425	617	450	497	20.96	cps
Potassium	39-2	58053	57234	56589	57292	1.28	cps
Rhodium	103-1	7235698	7361900	7243734	7280444	0.97	cps
Rhodium	103-2	3939274	3912395	3851601	3901090	1.15	cps
Scandium	45-1	5315706	5301398	5235154	5284086	0.81	cps
Scandium	45-2	371120	372098	368422	370547	0.51	cps
Selenium	82-1	104	137	159	133	20.88	cps
Selenium	77-2	20	10	3	11	75.52	cps
Selenium	78-2	228	207	237	224	6.76	cps
Silicon	28-1	522286	522558	516636	520493	0.64	cps
Silver	107-1	7461	8011	8052	7841	4.21	cps
Silver	109-1	7560	6910	7402	7291	4.65	cps
Sodium	23-2	61461	60903	61015	61126	0.48	cps
Strontium	86-1	2467	2475	2200	2381	6.57	cps
Strontium	88-1	16768	17319	17644	17244	2.57	cps
Sulfur	34-1	284080	284690	283951	284241	0.14	cps
Terbium	159-1	10678217	10575957	10648868	10634347	0.50	cps
Terbium	159-2	6499114	6537663	6355620	6464132	1.48	cps
Thallium	203-1	6293	6618	6193	6368	3.49	cps
Thallium	205-1	14567	14675	14425	14555	0.86	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:40:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4576	6036	6347	5653	16.73	cps
Titanium	47-1	1100	1083	975	1053	6.45	cps
Uranium	238-1	20349	20313	20495	20386	0.47	cps
Vanadium	51-2	1983	2044	1920	1982	3.11	cps
Yttrium	89-1	14149744	13841653	13540621	13844006	2.20	cps
Yttrium	89-2	2967534	2915922	2930301	2937919	0.91	cps
Zinc	66-2	1187	1087	1150	1141	4.43	cps
Zirconium	90-1	9278	9995	9895	9723	3.99	cps
Zirconium	91-1	2167	1950	2250	2122	7.30	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322	1178	1206	1235	6.21	cps
Antimony	121-1	1525	1583	1700	1603	5.56	cps
Arsenic	75-2	67	78	98	81	19.74	cps
Barium	135-1	2267	2325	2250	2281	1.73	cps
Barium	137-1	4076	4259	4167	4167	2.20	cps
Beryllium	9-1	647	737	663	682	7.02	cps
Bismuth	209-1	7069274	7242597	7193335	7168402	1.25	cps
Bismuth	209-2	5299859	5342336	5282793	5308329	0.58	cps
Boron	10-1	783	917	883	861	8.06	cps
Boron	11-1	3759	3817	3726	3767	1.23	cps
Bromine	81-1	75596	76139	72638	74791	2.52	cps
Bromine	81-2	90	140	60	97	41.81	cps
Cadmium	111-1	1251	1285	1282	1273	1.46	cps
Cadmium	106-1	7669	8278	7894	7947	3.87	cps
Cadmium	108-1	46	67	58	57	18.42	cps
Calcium	43-1	800	925	900	875	7.56	cps
Calcium	44-1	19513	19329	19062	19302	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1713	1600	1580	1631	4.41	cps
Cobalt	59-2	1353	1453	1373	1393	3.80	cps
Copper	63-2	2950	2724	2717	2797	4.75	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	42	92	64	39.85	cps
Erbium	164-2	37	77	47	53	39.03	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	347	407	477	410	15.87	cps
Holmium	165-1	10224287	10450127	10524168	10399527	1.50	cps
Holmium	165-2	6699424	6696126	6615376	6670309	0.71	cps
Indium	115-1	7713185	7831635	7841202	7795341	0.91	cps
Indium	115-2	2579139	2536006	2491877	2535674	1.72	cps
Iron	56-2	49442	48902	50379	49574	1.51	cps
Iron	57-2	1267	1022	1417	1235	16.12	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3634	4095	4405	4045	9.59	cps
Krypton	83-1	197	153	127	159	22.23	cps
Lead	206-1	2100	2350	2272	2241	5.71	cps
Lead	207-1	1939	1945	1800	1895	4.32	cps
Lead	208-1	8851	8751	8707	8770	0.84	cps
Lithium	6-1	3294866	3282909	3352807	3310194	1.13	cps
Magnesium	24-2	10543	10448	10265	10418	1.36	cps
Manganese	55-2	1303	1423	1370	1366	4.40	cps
Molybdenum	94-1	4042	4009	4117	4056	1.37	cps
Molybdenum	95-1	4634	5009	5334	4993	7.02	cps
Molybdenum	96-1	5476	5451	5676	5535	2.23	cps
Molybdenum	97-1	3100	2959	2800	2953	5.08	cps
Molybdenum	98-1	7802	7994	7677	7825	2.04	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	390	497	393	427	14.21	cps
Phosphorus	31-2	375	300	375	350	12.37	cps
Potassium	39-2	46020	47357	47324	46901	1.63	cps
Rhodium	103-1	7146149	7192626	7184976	7174583	0.35	cps
Rhodium	103-2	4015559	3957555	3969942	3981019	0.77	cps
Scandium	45-1	5124569	5122327	5214413	5153770	1.02	cps
Scandium	45-2	376524	378318	376065	376969	0.32	cps
Selenium	82-1	313	401	407	374	14.02	cps
Selenium	77-2	20	50	37	36	42.27	cps
Selenium	78-2	306	315	291	304	4.00	cps
Silicon	28-1	507798	502595	516438	508944	1.37	cps
Silver	107-1	2609	3075	2825	2836	8.24	cps
Silver	109-1	2567	2450	2675	2564	4.39	cps
Sodium	23-2	30798	30814	30063	30558	1.40	cps
Strontium	86-1	1058	1042	867	989	10.74	cps
Strontium	88-1	6176	6318	6168	6221	1.36	cps
Sulfur	34-1	284401	282609	279521	282177	0.87	cps
Terbium	159-1	10249369	10582097	10451935	10427800	1.61	cps
Terbium	159-2	6531523	6499471	6503395	6511463	0.27	cps
Thallium	203-1	2459	2375	2342	2392	2.51	cps
Thallium	205-1	5335	5768	5651	5585	4.02	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:43:02	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2159	2117	2467	2248	8.51	cps
Titanium	47-1	1750	1858	1833	1814	3.13	cps
Uranium	238-1	6746	6904	7080	6910	2.41	cps
Vanadium	51-2	767	737	590	698	13.55	cps
Yttrium	89-1	13284891	13777733	13778059	13613561	2.09	cps
Yttrium	89-2	2937800	2958927	2924530	2940419	0.59	cps
Zinc	66-2	577	583	620	593	3.93	cps
Zirconium	90-1	3692	3751	3601	3681	2.05	cps
Zirconium	91-1	825	892	833	850	4.27	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:45:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3373	3162	3111	3215	4.31	cps
Antimony	121-1	4267	4309	4484	4354	2.64	cps
Arsenic	75-2	248	219	250	239	7.39	cps
Barium	135-1	6852	6652	7010	6838	2.63	cps
Barium	137-1	11772	12130	11939	11947	1.50	cps
Beryllium	9-1	1767	1787	1830	1795	1.80	cps
Bismuth	209-1	7341974	7193085	7110607	7215222	1.63	cps
Bismuth	209-2	5325333	5265394	5246851	5279193	0.78	cps
Boron	10-1	833	892	692	806	12.77	cps
Boron	11-1	4051	4209	4126	4128	1.92	cps
Bromine	81-1	75561	74205	75729	75165	1.11	cps
Bromine	81-2	130	80	110	107	23.60	cps
Cadmium	111-1	2232	2241	2209	2227	0.74	cps
Cadmium	106-1	8336	8086	7886	8102	2.78	cps
Cadmium	108-1	175	108	138	140	23.82	cps
Calcium	43-1	2142	2217	2175	2178	1.73	cps
Calcium	44-1	40329	41390	40689	40803	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3090	2977	3407	3158	7.06	cps
Cobalt	59-2	3821	3741	3771	3777	1.07	cps
Copper	63-2	6091	6108	6001	6067	0.95	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	83	42	50	58	37.80	cps
Erbium	164-2	47	63	37	49	27.55	cps
Gadolinium	160-1	17	67	42	42	60.00	cps
Gadolinium	160-2	453	453	353	420	13.75	cps
Holmium	165-1	10879902	10465263	10544794	10629986	2.07	cps
Holmium	165-2	6655999	6572236	6567318	6598518	0.76	cps
Indium	115-1	8017088	7924468	7845087	7928881	1.09	cps
Indium	115-2	2478511	2454271	2530948	2487910	1.58	cps
Iron	56-2	125665	123833	125193	124897	0.76	cps
Iron	57-2	2950	3117	3045	3037	2.75	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : N4955-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:45:58 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8161	8481	8231	8291	2.03	cps
Krypton	83-1	180	190	187	186	2.74	cps
Lead	206-1	5435	5557	5468	5486	1.15	cps
Lead	207-1	4706	4773	4795	4758	0.97	cps
Lead	208-1	21257	22107	22385	21917	2.68	cps
Lithium	6-1	3517470	3382099	3340754	3413441	2.71	cps
Magnesium	24-2	29768	28978	29284	29343	1.36	cps
Manganese	55-2	3650	3730	3791	3724	1.89	cps
Molybdenum	94-1	4959	5468	5793	5407	7.77	cps
Molybdenum	95-1	2467	2675	2942	2695	8.84	cps
Molybdenum	96-1	3592	3784	3367	3581	5.83	cps
Molybdenum	97-1	1608	1717	1758	1695	4.57	cps
Molybdenum	98-1	4284	4534	4459	4426	2.90	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1043	1010	1080	1044	3.35	cps
Phosphorus	31-2	483	533	633	550	13.89	cps
Potassium	39-2	56840	57267	56087	56732	1.05	cps
Rhodium	103-1	7434676	7229119	7290193	7317996	1.44	cps
Rhodium	103-2	3949748	3978434	4027525	3985236	0.99	cps
Scandium	45-1	5489200	5240157	5098321	5275892	3.75	cps
Scandium	45-2	378110	374613	375754	376159	0.47	cps
Selenium	82-1	88	125	121	111	18.21	cps
Selenium	77-2	13	27	10	17	52.93	cps
Selenium	78-2	237	193	211	214	10.45	cps
Silicon	28-1	521434	522595	520960	521663	0.16	cps
Silver	107-1	7669	8136	7819	7875	3.03	cps
Silver	109-1	7327	7310	7294	7310	0.23	cps
Sodium	23-2	62465	61165	61517	61716	1.09	cps
Strontium	86-1	2234	2142	2209	2195	2.16	cps
Strontium	88-1	17419	17778	17744	17647	1.12	cps
Sulfur	34-1	283105	280897	286786	283596	1.05	cps
Terbium	159-1	10789865	10524001	10546665	10620177	1.39	cps
Terbium	159-2	6440530	6527110	6652860	6540167	1.63	cps
Thallium	203-1	5976	6018	6243	6079	2.36	cps
Thallium	205-1	15092	15384	15226	15234	0.96	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:45:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	6220	5853	5193	5756	9.05	cps
Titanium	47-1	1067	1108	942	1039	8.35	cps
Uranium	238-1	19912	21012	20887	20603	2.92	cps
Vanadium	51-2	1950	1843	1897	1897	2.81	cps
Yttrium	89-1	14123140	13944959	13503224	13857107	2.30	cps
Yttrium	89-2	2961535	2975115	2988157	2974936	0.45	cps
Zinc	66-2	1180	1077	1107	1121	4.74	cps
Zirconium	90-1	9537	9937	9678	9717	2.09	cps
Zirconium	91-1	2125	2350	2217	2231	5.07	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250	1122	1033	1135	9.59	cps
Antimony	121-1	1750	1642	1517	1636	7.14	cps
Arsenic	75-2	83	74	69	75	9.94	cps
Barium	135-1	2367	2684	2475	2509	6.42	cps
Barium	137-1	4017	4151	3984	4051	2.18	cps
Beryllium	9-1	757	797	673	742	8.48	cps
Bismuth	209-1	7148277	7068109	7335751	7184046	1.91	cps
Bismuth	209-2	5439487	5408851	5184644	5344327	2.60	cps
Boron	10-1	783	717	733	744	4.66	cps
Boron	11-1	3300	3084	3275	3220	3.68	cps
Bromine	81-1	73402	75000	73678	74026	1.15	cps
Bromine	81-2	80	90	100	90	11.11	cps
Cadmium	111-1	1317	1253	1272	1281	2.57	cps
Cadmium	106-1	7869	7727	7836	7811	0.95	cps
Cadmium	108-1	58	58	46	54	13.32	cps
Calcium	43-1	700	775	983	819	17.92	cps
Calcium	44-1	18887	18804	19905	19199	3.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1793	1443	1577	1605	11.01	cps
Cobalt	59-2	1527	1557	1400	1495	5.56	cps
Copper	63-2	2844	2807	2900	2850	1.65	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	100	42	75	72	40.52	cps
Erbium	164-2	43	57	43	48	16.12	cps
Gadolinium	160-1	58	75	58	64	15.06	cps
Gadolinium	160-2	363	387	357	369	4.27	cps
Holmium	165-1	10602478	10168795	10532288	10434521	2.23	cps
Holmium	165-2	6837193	6795731	6655522	6762815	1.41	cps
Indium	115-1	8060427	7760000	7846651	7889026	1.96	cps
Indium	115-2	2650248	2526308	2506713	2561090	3.04	cps
Iron	56-2	48946	49927	49805	49560	1.08	cps
Iron	57-2	1317	1306	1400	1341	3.85	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3704	4105	4445	4085	9.08	cps
Krypton	83-1	193	170	233	199	16.11	cps
Lead	206-1	2350	2300	2417	2356	2.49	cps
Lead	207-1	2184	2050	2050	2095	3.68	cps
Lead	208-1	9674	9646	9496	9605	1.00	cps
Lithium	6-1	3412859	3346089	3420798	3393249	1.21	cps
Magnesium	24-2	10482	10098	10070	10217	2.25	cps
Manganese	55-2	1460	1393	1353	1402	3.84	cps
Molybdenum	94-1	4076	3692	4309	4026	7.74	cps
Molybdenum	95-1	4926	5276	4943	5048	3.91	cps
Molybdenum	96-1	5209	6001	5393	5535	7.49	cps
Molybdenum	97-1	2959	3175	2959	3031	4.13	cps
Molybdenum	98-1	7961	8177	8044	8061	1.36	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	513	487	450	483	6.58	cps
Phosphorus	31-2	383	342	417	381	9.87	cps
Potassium	39-2	49322	46772	47174	47756	2.87	cps
Rhodium	103-1	7345074	7100093	7334354	7259840	1.91	cps
Rhodium	103-2	4167639	3994540	3903464	4021881	3.34	cps
Scandium	45-1	5283068	5122047	5245398	5216838	1.61	cps
Scandium	45-2	384734	389403	372539	382225	2.28	cps
Selenium	82-1	396	400	317	371	12.57	cps
Selenium	77-2	30	23	27	27	12.51	cps
Selenium	78-2	309	293	276	293	5.70	cps
Silicon	28-1	518674	523972	521727	521458	0.51	cps
Silver	107-1	2542	2325	2692	2520	7.32	cps
Silver	109-1	2467	2659	2817	2648	6.62	cps
Sodium	23-2	30007	29690	29774	29824	0.55	cps
Strontium	86-1	1033	1033	1067	1045	1.84	cps
Strontium	88-1	6043	6285	6018	6115	2.41	cps
Sulfur	34-1	281807	286363	283367	283846	0.82	cps
Terbium	159-1	10578361	10287975	10509637	10458657	1.45	cps
Terbium	159-2	6706769	6659883	6411388	6592680	2.41	cps
Thallium	203-1	2617	2725	2309	2550	8.48	cps
Thallium	205-1	5526	5876	5826	5743	3.30	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N4955-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:53:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2275	2784	2659	2573	10.30	cps
Titanium	47-1	1600	1667	1725	1664	3.76	cps
Uranium	238-1	7781	8038	7973	7930	1.69	cps
Vanadium	51-2	590	647	653	630	5.52	cps
Yttrium	89-1	13835181	13431544	13975525	13747417	2.05	cps
Yttrium	89-2	3045670	3054392	2895626	2998563	2.98	cps
Zinc	66-2	573	570	637	593	6.33	cps
Zirconium	90-1	3617	3826	3859	3767	3.48	cps
Zirconium	91-1	900	633	967	833	21.17	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2222	2122	1872	2072	8.70	cps
Antimony	121-1	5243	5726	5318	5429	4.79	cps
Arsenic	75-2	163	161	150	158	4.44	cps
Barium	135-1	8027	8344	8203	8191	1.94	cps
Barium	137-1	14691	14333	14016	14347	2.36	cps
Beryllium	9-1	1243	1127	1230	1200	5.32	cps
Bismuth	209-1	7072792	7082448	7215583	7123608	1.12	cps
Bismuth	209-2	5330557	5499758	5297466	5375927	2.02	cps
Boron	10-1	4209	4584	4984	4592	8.44	cps
Boron	11-1	20005	21148	21515	20890	3.77	cps
Bromine	81-1	73317	73894	73551	73587	0.39	cps
Bromine	81-2	100	110	70	93	22.31	cps
Cadmium	111-1	1639	1568	1502	1570	4.36	cps
Cadmium	106-1	7352	7035	7444	7277	2.95	cps
Cadmium	108-1	96	117	96	103	11.71	cps
Calcium	43-1	5710	6043	6977	6243	10.52	cps
Calcium	44-1	104895	108352	109897	107715	2.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3557	3664	3680	3634	1.84	cps
Cobalt	59-2	2520	2237	2294	2350	6.38	cps
Copper	63-2	4381	4111	4384	4292	3.66	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	125	92	117	111	15.61	cps
Erbium	164-2	50	47	63	53	16.53	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	383	440	363	396	10.05	cps
Holmium	165-1	10294763	10029216	10419340	10247773	1.94	cps
Holmium	165-2	6725598	6922976	6669533	6772703	1.97	cps
Indium	115-1	7789033	7727368	7806164	7774188	0.53	cps
Indium	115-2	2537550	2611975	2513914	2554480	2.00	cps
Iron	56-2	287959	289880	288086	288642	0.37	cps
Iron	57-2	7346	7346	7591	7428	1.90	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17619	16797	18550	17655	4.97	cps
Krypton	83-1	187	157	160	168	9.80	cps
Lead	206-1	3384	3662	3478	3508	4.03	cps
Lead	207-1	2906	3100	3312	3106	6.53	cps
Lead	208-1	13442	14109	14442	13998	3.64	cps
Lithium	6-1	3413823	3368985	3367871	3383560	0.77	cps
Magnesium	24-2	87005	88481	86285	87257	1.28	cps
Manganese	55-2	1377	1150	1243	1257	9.07	cps
Molybdenum	94-1	7244	6994	6952	7063	2.23	cps
Molybdenum	95-1	8753	9153	8686	8864	2.85	cps
Molybdenum	96-1	9528	9870	9587	9662	1.89	cps
Molybdenum	97-1	5434	4909	5435	5259	5.77	cps
Molybdenum	98-1	13332	14641	13799	13924	4.77	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	730	630	737	699	8.55	cps
Phosphorus	31-2	358	408	458	408	12.24	cps
Potassium	39-2	133893	128507	132540	131647	2.13	cps
Rhodium	103-1	7165729	7107444	7232523	7168565	0.87	cps
Rhodium	103-2	3990891	4124496	3970977	4028788	2.07	cps
Scandium	45-1	5202291	5234593	5190113	5208999	0.44	cps
Scandium	45-2	377715	389624	379720	382353	1.67	cps
Selenium	82-1	458	556	609	541	14.19	cps
Selenium	77-2	53	33	40	42	24.12	cps
Selenium	78-2	335	293	359	329	10.26	cps
Silicon	28-1	549438	544664	549206	547769	0.49	cps
Silver	107-1	4609	4976	4926	4837	4.11	cps
Silver	109-1	4609	4367	4976	4651	6.59	cps
Sodium	23-2	155100	156408	154180	155229	0.72	cps
Strontium	86-1	1433	1558	1525	1506	4.30	cps
Strontium	88-1	10729	11179	11296	11068	2.71	cps
Sulfur	34-1	292706	286871	293879	291152	1.29	cps
Terbium	159-1	10439787	10223682	10318356	10327275	1.05	cps
Terbium	159-2	6568251	6682171	6563481	6604634	1.02	cps
Thallium	203-1	4017	3992	4351	4120	4.86	cps
Thallium	205-1	9612	9053	9370	9345	3.00	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	15509	14858	15025	15131	2.24	cps
Titanium	47-1	2600	2792	2659	2684	3.66	cps
Uranium	238-1	12669	12167	12500	12445	2.06	cps
Vanadium	51-2	5868	6141	5678	5896	3.95	cps
Yttrium	89-1	13429995	13750394	13686344	13622244	1.24	cps
Yttrium	89-2	2946700	3037682	2955373	2979919	1.69	cps
Zinc	66-2	907	867	880	884	2.30	cps
Zirconium	90-1	6735	6952	6035	6574	7.29	cps
Zirconium	91-1	1408	1317	1200	1308	7.98	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2056	2045	1978	2026	2.08	cps
Antimony	121-1	5201	5084	5168	5151	1.17	cps
Arsenic	75-2	161	163	200	175	12.56	cps
Barium	135-1	8778	7477	8094	8116	8.02	cps
Barium	137-1	13682	14041	13999	13907	1.41	cps
Beryllium	9-1	1197	1150	1130	1159	2.95	cps
Bismuth	209-1	7084842	7494047	7227883	7268924	2.86	cps
Bismuth	209-2	5217027	5442692	5466896	5375538	2.56	cps
Boron	10-1	4467	4551	4918	4645	5.16	cps
Boron	11-1	20806	20305	22074	21062	4.33	cps
Bromine	81-1	73660	72537	73601	73266	0.86	cps
Bromine	81-2	90	100	90	93	6.19	cps
Cadmium	111-1	1550	1655	1683	1629	4.30	cps
Cadmium	106-1	7477	8178	7969	7875	4.57	cps
Cadmium	108-1	92	54	79	75	25.46	cps
Calcium	43-1	6452	6618	6727	6599	2.10	cps
Calcium	44-1	104794	106615	105491	105633	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3734	3490	3564	3596	3.47	cps
Cobalt	59-2	2347	2317	2447	2370	2.87	cps
Copper	63-2	4204	4051	4427	4227	4.48	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	108	150	106	43.48	cps
Erbium	164-2	47	60	63	57	15.56	cps
Gadolinium	160-1	75	25	83	61	51.63	cps
Gadolinium	160-2	330	387	393	370	9.41	cps
Holmium	165-1	10292685	10895057	10440061	10542601	2.98	cps
Holmium	165-2	6592328	6799181	6921851	6771120	2.46	cps
Indium	115-1	7686536	8244931	7940851	7957439	3.51	cps
Indium	115-2	2489194	2596542	2578995	2554911	2.25	cps
Iron	56-2	284316	284184	285464	284655	0.25	cps
Iron	57-2	6885	7169	6868	6974	2.42	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17428	16947	17157	17177	1.40	cps
Krypton	83-1	200	157	153	170	15.31	cps
Lead	206-1	3445	3445	3701	3530	4.18	cps
Lead	207-1	3256	3056	3000	3104	4.33	cps
Lead	208-1	14253	13653	13964	13957	2.15	cps
Lithium	6-1	3359771	3525934	3353771	3413159	2.86	cps
Magnesium	24-2	85391	85648	85318	85453	0.20	cps
Manganese	55-2	1263	1440	1220	1308	8.91	cps
Molybdenum	94-1	7335	7744	7060	7380	4.66	cps
Molybdenum	95-1	8603	8870	9136	8870	3.01	cps
Molybdenum	96-1	9528	9929	9078	9512	4.47	cps
Molybdenum	97-1	5418	5601	5434	5484	1.85	cps
Molybdenum	98-1	14024	14065	14140	14077	0.42	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	593	647	670	637	6.17	cps
Phosphorus	31-2	450	500	533	494	8.48	cps
Potassium	39-2	131860	131373	131212	131482	0.26	cps
Rhodium	103-1	6938521	7387568	7133446	7153178	3.15	cps
Rhodium	103-2	3943168	4038473	4072931	4018191	1.67	cps
Scandium	45-1	5033324	5413314	5227418	5224685	3.64	cps
Scandium	45-2	370966	383831	382589	379129	1.87	cps
Selenium	82-1	495	552	566	538	7.01	cps
Selenium	77-2	50	60	63	58	12.01	cps
Selenium	78-2	381	311	331	341	10.61	cps
Silicon	28-1	545464	545617	547235	546105	0.18	cps
Silver	107-1	5226	4643	4784	4884	6.23	cps
Silver	109-1	4634	4392	4434	4487	2.88	cps
Sodium	23-2	153001	154333	152851	153395	0.53	cps
Strontium	86-1	1517	1492	1467	1492	1.68	cps
Strontium	88-1	10838	10646	10879	10788	1.15	cps
Sulfur	34-1	288061	288994	291163	289406	0.55	cps
Terbium	159-1	10222574	11007059	10582304	10603979	3.70	cps
Terbium	159-2	6494213	6823956	6642307	6653492	2.48	cps
Thallium	203-1	4059	3859	4067	3995	2.95	cps
Thallium	205-1	9587	9812	9262	9554	2.90	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	N5388-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2022-08	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:04:57	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	14833	14925	15552	15103	2.59	cps
Titanium	47-1	2525	2617	3034	2725	9.94	cps
Uranium	238-1	12560	12411	12477	12483	0.60	cps
Vanadium	51-2	5878	5578	5905	5787	3.14	cps
Yttrium	89-1	13373003	14091009	13650561	13704858	2.64	cps
Yttrium	89-2	2887394	2988140	3034389	2969974	2.53	cps
Zinc	66-2	850	767	780	799	5.60	cps
Zirconium	90-1	6010	5885	6352	6082	3.97	cps
Zirconium	91-1	1317	1383	1258	1320	4.74	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	39	61	44	33.07	cps
Antimony	121-1	25	17	0	14	91.65	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	25	8	25	19	49.50	cps
Beryllium	9-1	73	103	67	81	24.08	cps
Bismuth	209-1	7185572	7241410	6933601	7120194	2.30	cps
Bismuth	209-2	5028928	4813587	5082915	4975143	2.86	cps
Boron	10-1	542	475	592	536	10.92	cps
Boron	11-1	2359	2367	2609	2445	5.81	cps
Bromine	81-1	75946	73585	73618	74383	1.82	cps
Bromine	81-2	110	110	90	103	11.17	cps
Cadmium	111-1	758	693	678	710	5.99	cps
Cadmium	106-1	7727	7135	6985	7283	5.39	cps
Cadmium	108-1	21	29	29	26	18.25	cps
Calcium	43-1	142	117	92	117	21.43	cps
Calcium	44-1	7861	7802	7861	7841	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787	713	803	768	6.24	cps
Cobalt	59-2	50	57	37	48	21.31	cps
Copper	63-2	967	900	1030	966	6.73	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	75	175	75	108	53.30	cps
Erbium	164-2	37	50	70	52	32.12	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	380	363	383	376	2.85	cps
Holmium	165-1	10745050	10691064	10068142	10501419	3.58	cps
Holmium	165-2	6315610	6013995	6281792	6203799	2.66	cps
Indium	115-1	8140363	8143569	7684197	7989376	3.31	cps
Indium	115-2	2352399	2301571	2392560	2348843	1.94	cps
Iron	56-2	10020	9798	10648	10155	4.34	cps
Iron	57-2	233	261	211	235	10.65	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1932	1772	1742	1815	5.63	cps
Krypton	83-1	173	160	213	182	15.23	cps
Lead	206-1	478	450	361	430	14.19	cps
Lead	207-1	483	383	300	389	23.60	cps
Lead	208-1	1972	1617	1450	1680	15.88	cps
Lithium	6-1	3530809	3395802	3294630	3407081	3.48	cps
Magnesium	24-2	494	461	461	472	4.07	cps
Manganese	55-2	73	107	60	80	30.05	cps
Molybdenum	94-1	208	183	192	194	6.55	cps
Molybdenum	95-1	25	92	67	61	55.11	cps
Molybdenum	96-1	225	158	117	167	32.79	cps
Molybdenum	97-1	17	58	25	33	66.14	cps
Molybdenum	98-1	50	42	25	39	32.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	93	90	107	97	9.13	cps
Phosphorus	31-2	258	325	317	300	12.11	cps
Potassium	39-2	43655	43513	42752	43307	1.12	cps
Rhodium	103-1	7405780	7373918	7028614	7269437	2.88	cps
Rhodium	103-2	3717873	3573022	3806967	3699287	3.19	cps
Scandium	45-1	5345038	5382917	5003839	5243931	3.98	cps
Scandium	45-2	350651	338852	352528	347344	2.13	cps
Selenium	82-1	17	51	-41	9	506.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	220	194	200	205	6.66	cps
Silicon	28-1	524800	515889	511452	517381	1.31	cps
Silver	107-1	117	192	125	144	28.46	cps
Silver	109-1	25	50	33	36	35.25	cps
Sodium	23-2	13812	14168	13439	13806	2.64	cps
Strontium	86-1	283	383	308	325	16.01	cps
Strontium	88-1	158	58	117	111	45.21	cps
Sulfur	34-1	285081	290462	285266	286936	1.06	cps
Terbium	159-1	10786560	10639611	10153043	10526405	3.15	cps
Terbium	159-2	6234414	5840698	6159795	6078303	3.44	cps
Thallium	203-1	150	225	242	206	23.75	cps
Thallium	205-1	383	425	542	450	18.24	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BL	Instrumnet Name :	P7
Client Sample ID :	PBW656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:11:41	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	550	708	984	748	29.38	cps
Titanium	47-1	117	158	158	144	16.66	cps
Uranium	238-1	-1	16	-1	5	196.93	cps
Vanadium	51-2	20	20	3	14	66.64	cps
Yttrium	89-1	14162330	13971319	13177281	13770310	3.79	cps
Yttrium	89-2	2779181	2681304	2802933	2754473	2.34	cps
Zinc	66-2	297	343	343	328	8.22	cps
Zirconium	90-1	542	517	433	497	11.41	cps
Zirconium	91-1	100	92	83	92	9.09	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9510124	9541583	9602698	9551468	0.49	cps
Antimony	121-1	2745681	2809996	2752247	2769308	1.28	cps
Arsenic	75-2	131350	131724	130574	131216	0.45	cps
Barium	135-1	4654715	4765550	4740490	4720251	1.23	cps
Barium	137-1	8146336	8158222	8051198	8118585	0.72	cps
Beryllium	9-1	985692	1000416	997381	994496	0.78	cps
Bismuth	209-1	5717119	5756932	5844322	5772791	1.13	cps
Bismuth	209-2	4181380	4363132	4047268	4197260	3.78	cps
Boron	10-1	212601	228861	234755	225406	5.09	cps
Boron	11-1	991101	1047036	1063865	1034001	3.68	cps
Bromine	81-1	65713	63311	64416	64480	1.86	cps
Bromine	81-2	70	80	70	73	7.87	cps
Cadmium	111-1	788260	804554	788892	793902	1.16	cps
Cadmium	106-1	117481	117961	116423	117288	0.67	cps
Cadmium	108-1	76525	77832	75850	76736	1.31	cps
Calcium	43-1	6032330	6170192	6158140	6120221	1.25	cps
Calcium	44-1	95412796	96950986	95755119	96039633	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1455993	1459115	1467995	1461034	0.43	cps
Cobalt	59-2	2199785	2207283	2204166	2203745	0.17	cps
Copper	63-2	15043411	14902608	14978454	14974824	0.47	cps
Dysprosium	156-1	975	1108	950	1011	8.42	cps
Dysprosium	156-2	817	793	760	790	3.61	cps
Erbium	164-1	150	125	125	133	10.83	cps
Erbium	164-2	77	90	110	92	18.19	cps
Gadolinium	160-1	1017	858	975	950	8.64	cps
Gadolinium	160-2	893	943	973	937	4.32	cps
Holmium	165-1	9858449	9769597	9987887	9871978	1.11	cps
Holmium	165-2	6305869	6396933	5989823	6230875	3.43	cps
Indium	115-1	6807615	6715572	6773013	6765400	0.69	cps
Indium	115-2	2187827	2191028	2073711	2150856	3.11	cps
Iron	56-2	328521341	331707819	329219918	329816359	0.51	cps
Iron	57-2	8354165	8337855	8295586	8329202	0.36	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18284244	18166910	18085013	18178722	0.55	cps
Krypton	83-1	237	203	197	212	10.10	cps
Lead	206-1	17516271	17580626	18005410	17700769	1.50	cps
Lead	207-1	16013739	16243567	16093005	16116770	0.72	cps
Lead	208-1	71249636	71893152	71558406	71567065	0.45	cps
Lithium	6-1	2994756	2921676	3020255	2978896	1.72	cps
Magnesium	24-2	90535860	89871802	90549071	90318911	0.43	cps
Manganese	55-2	11241951	11278523	11357982	11292819	0.53	cps
Molybdenum	94-1	12934177	13175231	12809454	12972954	1.43	cps
Molybdenum	95-1	18351704	18567840	18595362	18504968	0.72	cps
Molybdenum	96-1	19819851	19922198	19845099	19862383	0.27	cps
Molybdenum	97-1	11270515	11553034	11453920	11425823	1.25	cps
Molybdenum	98-1	29500821	29664969	29056316	29407369	1.07	cps
Neodymium	150-1	1287	1220	1480	1329	10.16	cps
Neodymium	150-2	190	230	200	207	10.08	cps
Nickel	60-2	534814	529571	525896	530094	0.85	cps
Phosphorus	31-2	96780	98030	97812	97541	0.68	cps
Potassium	39-2	44105486	43919511	44210284	44078427	0.33	cps
Rhodium	103-1	5660876	5661333	5746602	5689604	0.87	cps
Rhodium	103-2	3157170	3214332	3047514	3139672	2.70	cps
Scandium	45-1	4690934	4717589	4736984	4715169	0.49	cps
Scandium	45-2	345709	349265	329443	341472	3.10	cps
Selenium	82-1	64426	64191	63553	64057	0.71	cps
Selenium	77-2	5224	5414	5414	5351	2.05	cps
Selenium	78-2	17740	17968	17952	17887	0.71	cps
Silicon	28-1	15395739	15473850	15418218	15429269	0.26	cps
Silver	107-1	4517242	4570827	4455800	4514623	1.27	cps
Silver	109-1	4273069	4327305	4224529	4274968	1.20	cps
Sodium	23-2	147890848	149219103	149564414	148891455	0.59	cps
Strontium	86-1	33488903	33753849	33250310	33497687	0.75	cps
Strontium	88-1	288779273	293334190	286580406	289564623	1.19	cps
Sulfur	34-1	743599	744012	736239	741283	0.59	cps
Terbium	159-1	9894653	9781822	10008159	9894878	1.14	cps
Terbium	159-2	6197386	6325239	5950281	6157635	3.10	cps
Thallium	203-1	4141633	4102997	4126847	4123826	0.47	cps
Thallium	205-1	9899499	9819653	9895124	9871426	0.45	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:14:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2964283	2995286	2942577	2967382	0.89	cps
Titanium	47-1	5602124	5627212	5559455	5596263	0.61	cps
Uranium	238-1	14174722	14328262	14292461	14265148	0.56	cps
Vanadium	51-2	1247304	1242864	1235781	1241983	0.47	cps
Yttrium	89-1	12312998	12386504	12565646	12421716	1.05	cps
Yttrium	89-2	2681157	2703426	2548981	2644521	3.16	cps
Zinc	66-2	2174214	2179825	2163805	2172615	0.37	cps
Zirconium	90-1	6581629	6669962	6547410	6599667	0.96	cps
Zirconium	91-1	1510171	1456378	1478948	1481833	1.82	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P7
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:23:39 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	161	244	204	20.47	cps
Antimony	121-1	508	342	475	442	19.97	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	58	42	50	50	16.66	cps
Barium	137-1	108	83	58	83	30.00	cps
Beryllium	9-1	153	137	143	144	5.81	cps
Bismuth	209-1	7193668	6923674	6990709	7036017	2.00	cps
Bismuth	209-2	5087972	5152115	5207433	5149173	1.16	cps
Boron	10-1	2042	1850	1975	1956	4.98	cps
Boron	11-1	9036	8536	8377	8650	3.97	cps
Bromine	81-1	71616	70301	71776	71231	1.14	cps
Bromine	81-2	90	110	130	110	18.18	cps
Cadmium	111-1	728	630	677	678	7.22	cps
Cadmium	106-1	7044	6460	6777	6760	4.32	cps
Cadmium	108-1	8	29	25	21	52.93	cps
Calcium	43-1	217	133	125	158	32.02	cps
Calcium	44-1	8578	7936	8144	8219	3.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	813	860	817	830	3.14	cps
Cobalt	59-2	40	73	50	54	31.42	cps
Copper	63-2	1113	1023	980	1039	6.55	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	58	67	83	69	18.34	cps
Erbium	164-2	23	43	40	36	30.14	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	383	377	400	387	3.11	cps
Holmium	165-1	10238604	10029254	10306239	10191366	1.42	cps
Holmium	165-2	6412793	6496137	6548998	6485976	1.06	cps
Indium	115-1	7680358	7592744	7611134	7628079	0.61	cps
Indium	115-2	2439515	2400439	2415097	2418350	0.82	cps
Iron	56-2	12233	11866	11705	11935	2.27	cps
Iron	57-2	378	278	311	322	15.80	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:23:39	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1712	1992	2132	1945	11.01	cps
Krypton	83-1	140	167	163	157	9.28	cps
Lead	206-1	528	550	544	541	2.14	cps
Lead	207-1	622	506	506	544	12.37	cps
Lead	208-1	2322	2200	2239	2254	2.77	cps
Lithium	6-1	3263249	3227635	3243385	3244756	0.55	cps
Magnesium	24-2	789	717	717	741	5.63	cps
Manganese	55-2	170	180	127	159	17.84	cps
Molybdenum	94-1	383	367	350	367	4.55	cps
Molybdenum	95-1	425	358	283	356	19.93	cps
Molybdenum	96-1	550	433	408	464	16.30	cps
Molybdenum	97-1	242	183	150	192	24.21	cps
Molybdenum	98-1	675	383	283	447	45.50	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	127	97	100	108	15.26	cps
Phosphorus	31-2	425	283	333	347	20.69	cps
Potassium	39-2	41390	40170	41140	40900	1.58	cps
Rhodium	103-1	7036404	6858007	6970593	6955002	1.30	cps
Rhodium	103-2	3754630	3815108	3780088	3783275	0.80	cps
Scandium	45-1	4923482	4861667	4975951	4920367	1.16	cps
Scandium	45-2	358990	358390	362716	360032	0.65	cps
Selenium	82-1	60	60	43	54	18.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	161	144	156	6.18	cps
Silicon	28-1	505854	505416	505950	505740	0.06	cps
Silver	107-1	200	167	183	183	9.09	cps
Silver	109-1	100	150	158	136	23.18	cps
Sodium	23-2	21587	20898	21270	21252	1.62	cps
Strontium	86-1	475	433	392	433	9.62	cps
Strontium	88-1	1934	1283	1358	1525	23.32	cps
Sulfur	34-1	271303	272499	273463	272422	0.40	cps
Terbium	159-1	10266588	10159296	10459033	10294972	1.48	cps
Terbium	159-2	6397587	6273114	6447515	6372738	1.41	cps
Thallium	203-1	292	208	200	233	21.72	cps
Thallium	205-1	442	542	617	533	16.46	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:23:39	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	667	658	683	669	1.90	cps
Titanium	47-1	317	175	183	225	35.33	cps
Uranium	238-1	140	69	68	92	44.97	cps
Vanadium	51-2	23	20	13	19	26.96	cps
Yttrium	89-1	13282087	12823838	13169146	13091690	1.82	cps
Yttrium	89-2	2822023	2798222	2866788	2829011	1.23	cps
Zinc	66-2	393	357	363	371	5.26	cps
Zirconium	90-1	492	708	750	650	21.34	cps
Zirconium	91-1	142	100	108	117	18.90	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9214	8830	9153	9066	2.27	cps
Antimony	121-1	24238	25791	24505	24844	3.34	cps
Arsenic	75-2	696	743	669	702	5.33	cps
Barium	135-1	38193	39364	37993	38517	1.92	cps
Barium	137-1	66942	67318	67436	67232	0.38	cps
Beryllium	9-1	4841	4834	4754	4810	1.00	cps
Bismuth	209-1	7094311	7081408	7090940	7088886	0.09	cps
Bismuth	209-2	5488770	5393617	5255634	5379340	2.18	cps
Boron	10-1	19521	20439	22141	20700	6.42	cps
Boron	11-1	87941	94554	98614	93703	5.75	cps
Bromine	81-1	69515	70126	71985	70542	1.82	cps
Bromine	81-2	80	80	70	77	7.53	cps
Cadmium	111-1	4815	4815	4980	4870	1.95	cps
Cadmium	106-1	7586	7502	8011	7699	3.54	cps
Cadmium	108-1	379	367	288	344	14.43	cps
Calcium	43-1	28928	28294	28210	28477	1.38	cps
Calcium	44-1	454330	455861	458473	456221	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14350	14794	14647	14597	1.55	cps
Cobalt	59-2	10857	11057	10814	10910	1.19	cps
Copper	63-2	15568	16085	15688	15781	1.72	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	67	67	125	86	39.11	cps
Erbium	164-2	43	30	43	39	19.79	cps
Gadolinium	160-1	58	25	83	56	52.68	cps
Gadolinium	160-2	453	417	330	400	15.83	cps
Holmium	165-1	10360893	10357137	10342974	10353668	0.09	cps
Holmium	165-2	6688082	6739361	6494993	6640812	1.94	cps
Indium	115-1	7733825	7575840	7874821	7728162	1.94	cps
Indium	115-2	2589077	2540455	2433396	2520976	3.16	cps
Iron	56-2	1265518	1267719	1255972	1263069	0.49	cps
Iron	57-2	31550	31834	31890	31758	0.57	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	72477	72658	73150	72762	0.48	cps
Krypton	83-1	147	167	217	177	20.41	cps
Lead	206-1	14914	15381	15554	15283	2.17	cps
Lead	207-1	13574	13991	13824	13796	1.52	cps
Lead	208-1	60988	61176	62011	61392	0.89	cps
Lithium	6-1	3283134	3270266	3406870	3320090	2.27	cps
Magnesium	24-2	393071	392976	390212	392087	0.41	cps
Manganese	55-2	5731	5498	5821	5683	2.94	cps
Molybdenum	94-1	15559	15717	16001	15759	1.42	cps
Molybdenum	95-1	9837	9929	9662	9809	1.38	cps
Molybdenum	96-1	12055	12397	11988	12147	1.81	cps
Molybdenum	97-1	5518	5918	6160	5865	5.53	cps
Molybdenum	98-1	15367	15142	15884	15464	2.46	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3134	2997	3090	3074	2.27	cps
Phosphorus	31-2	417	475	325	406	18.65	cps
Potassium	39-2	452790	447531	445342	448554	0.85	cps
Rhodium	103-1	6889149	6951610	7018053	6952937	0.93	cps
Rhodium	103-2	3976451	3992558	3851812	3940274	1.96	cps
Scandium	45-1	4973442	5026724	5038271	5012812	0.69	cps
Scandium	45-2	377120	378222	361002	372115	2.59	cps
Selenium	82-1	1560	1525	1606	1563	2.60	cps
Selenium	77-2	133	160	130	141	11.65	cps
Selenium	78-2	600	654	626	627	4.29	cps
Silicon	28-1	620333	621453	616424	619403	0.43	cps
Silver	107-1	20732	22476	22050	21753	4.18	cps
Silver	109-1	19831	20164	20223	20073	1.05	cps
Sodium	23-2	658369	658513	659434	658772	0.09	cps
Strontium	86-1	6026	6277	7060	6454	8.36	cps
Strontium	88-1	51600	51658	53582	52280	2.16	cps
Sulfur	34-1	271386	271108	271090	271195	0.06	cps
Terbium	159-1	10379249	10330335	10511327	10406971	0.90	cps
Terbium	159-2	6733507	6663882	6397268	6598219	2.69	cps
Thallium	203-1	18329	18630	18263	18407	1.06	cps
Thallium	205-1	42793	44122	44198	43704	1.81	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149656BS	Instrumnet Name :	P7
Client Sample ID :	LCS656	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:26:32	DataFile Name :	036LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1475	2535	1600	1870	30.97	cps
Titanium	47-1	11780	12714	12781	12425	4.50	cps
Uranium	238-1	59611	60003	59944	59853	0.35	cps
Vanadium	51-2	27071	27505	26777	27118	1.35	cps
Yttrium	89-1	13220710	13253249	13151931	13208630	0.39	cps
Yttrium	89-2	2983087	2891779	2876912	2917259	1.97	cps
Zinc	66-2	5941	5995	5935	5957	0.55	cps
Zirconium	90-1	29213	28570	27902	28562	2.29	cps
Zirconium	91-1	6743	6477	6585	6602	2.03	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39	67	72	59	30.13	cps
Antimony	121-1	125	125	75	108	26.65	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	0	17	17	11	86.60	cps
Barium	137-1	8	25	42	25	66.68	cps
Beryllium	9-1	127	120	130	126	4.06	cps
Bismuth	209-1	7430113	7210629	7249153	7296632	1.61	cps
Bismuth	209-2	4704074	5374220	5387270	5155188	7.58	cps
Boron	10-1	2250	2425	2150	2275	6.12	cps
Boron	11-1	10370	10320	9828	10173	2.94	cps
Bromine	81-1	71181	71859	71750	71597	0.51	cps
Bromine	81-2	90	100	130	107	19.52	cps
Cadmium	111-1	744	780	726	750	3.67	cps
Cadmium	106-1	7360	7719	7302	7460	3.03	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	50	167	75	97	63.18	cps
Calcium	44-1	8119	6935	7377	7477	8.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	830	677	780	762	10.26	cps
Cobalt	59-2	37	77	70	61	35.07	cps
Copper	63-2	1013	943	983	980	3.58	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	92	133	67	97	34.64	cps
Erbium	164-2	40	40	47	42	9.12	cps
Gadolinium	160-1	33	42	92	56	56.79	cps
Gadolinium	160-2	363	353	400	372	6.60	cps
Holmium	165-1	10773397	10556212	10640947	10656852	1.03	cps
Holmium	165-2	5810707	6713283	6639795	6387929	7.85	cps
Indium	115-1	7988376	7768246	7837433	7864685	1.43	cps
Indium	115-2	2206117	2513279	2579544	2432980	8.19	cps
Iron	56-2	9937	9275	9687	9633	3.47	cps
Iron	57-2	172	289	200	220	27.66	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1912	1772	1662	1782	7.04	cps
Krypton	83-1	140	183	160	161	13.46	cps
Lead	206-1	489	417	494	467	9.30	cps
Lead	207-1	389	378	411	393	4.32	cps
Lead	208-1	1906	1761	1872	1846	4.10	cps
Lithium	6-1	3450122	3410277	3401406	3420602	0.76	cps
Magnesium	24-2	400	383	433	406	6.28	cps
Manganese	55-2	90	87	100	92	7.52	cps
Molybdenum	94-1	167	200	200	189	10.19	cps
Molybdenum	95-1	92	100	108	100	8.33	cps
Molybdenum	96-1	183	183	200	189	5.10	cps
Molybdenum	97-1	42	92	33	56	56.79	cps
Molybdenum	98-1	175	100	125	133	28.64	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	93	97	103	98	5.21	cps
Phosphorus	31-2	283	217	325	275	19.87	cps
Potassium	39-2	42042	41524	41524	41696	0.72	cps
Rhodium	103-1	7267402	7128674	7137797	7177958	1.08	cps
Rhodium	103-2	3441101	4002576	3954906	3799528	8.19	cps
Scandium	45-1	5233949	5171376	5075787	5160370	1.54	cps
Scandium	45-2	326564	371687	376445	358232	7.68	cps
Selenium	82-1	54	-9	41	29	116.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	191	189	156	178	11.10	cps
Silicon	28-1	501967	501097	502299	501788	0.12	cps
Silver	107-1	233	250	233	239	4.03	cps
Silver	109-1	192	83	183	153	39.46	cps
Sodium	23-2	15669	15269	15564	15501	1.34	cps
Strontium	86-1	292	375	317	328	13.05	cps
Strontium	88-1	233	192	225	217	10.18	cps
Sulfur	34-1	276807	282382	279132	279440	1.00	cps
Terbium	159-1	10703922	10482448	10486879	10557750	1.20	cps
Terbium	159-2	5768125	6571894	6694395	6344805	7.93	cps
Thallium	203-1	258	325	342	308	14.30	cps
Thallium	205-1	592	750	842	728	17.38	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:29:27	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	650	642	625	639	1.99	cps
Titanium	47-1	142	208	183	178	18.94	cps
Uranium	238-1	41	-1	-1	13	187.34	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	13555895	13310387	13445139	13437140	0.91	cps
Yttrium	89-2	2501363	2953710	2984489	2813187	9.61	cps
Zinc	66-2	250	300	270	273	9.21	cps
Zirconium	90-1	508	483	575	522	9.07	cps
Zirconium	91-1	75	108	150	111	33.82	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9031	9197	9019	9082	1.10	cps
Antimony	121-1	24705	24497	24931	24711	0.88	cps
Arsenic	75-2	726	694	659	693	4.81	cps
Barium	135-1	36497	38820	39673	38330	4.29	cps
Barium	137-1	65426	67210	67209	66615	1.55	cps
Beryllium	9-1	4604	4857	4834	4765	2.94	cps
Bismuth	209-1	7026173	6910271	7049670	6995371	1.07	cps
Bismuth	209-2	5326311	5306727	5272658	5301899	0.51	cps
Boron	10-1	19221	20923	21540	20561	5.84	cps
Boron	11-1	83929	91830	99091	91617	8.28	cps
Bromine	81-1	70879	70679	70453	70670	0.30	cps
Bromine	81-2	90	130	120	113	18.37	cps
Cadmium	111-1	4821	4501	4971	4764	5.03	cps
Cadmium	106-1	8027	7777	7911	7905	1.58	cps
Cadmium	108-1	279	354	292	308	13.03	cps
Calcium	43-1	27860	29504	28394	28586	2.93	cps
Calcium	44-1	450813	452667	464412	455964	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14797	15028	14691	14838	1.16	cps
Cobalt	59-2	10637	10681	10651	10656	0.21	cps
Copper	63-2	15785	15665	16112	15854	1.46	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	100	83	33	72	48.04	cps
Erbium	164-2	40	53	30	41	28.47	cps
Gadolinium	160-1	67	8	50	42	72.12	cps
Gadolinium	160-2	350	420	350	373	10.83	cps
Holmium	165-1	10464195	10353249	10355098	10390847	0.61	cps
Holmium	165-2	6534491	6675538	6577097	6595709	1.10	cps
Indium	115-1	7790136	7709751	7612788	7704225	1.15	cps
Indium	115-2	2461492	2487353	2493231	2480692	0.68	cps
Iron	56-2	1291795	1273611	1277856	1281087	0.74	cps
Iron	57-2	32396	31700	31639	31912	1.32	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	71421	72246	73271	72313	1.28	cps
Krypton	83-1	177	177	213	189	11.21	cps
Lead	206-1	15576	15309	15264	15383	1.10	cps
Lead	207-1	13212	13373	13301	13296	0.61	cps
Lead	208-1	60458	61467	61957	61294	1.25	cps
Lithium	6-1	3424334	3337218	3351307	3370953	1.39	cps
Magnesium	24-2	396344	399777	395772	397297	0.55	cps
Manganese	55-2	5744	5624	5594	5654	1.40	cps
Molybdenum	94-1	15976	16151	15984	16037	0.62	cps
Molybdenum	95-1	9553	9845	10354	9917	4.09	cps
Molybdenum	96-1	11705	11763	11780	11749	0.34	cps
Molybdenum	97-1	5918	6001	6327	6082	3.55	cps
Molybdenum	98-1	15200	14958	15192	15117	0.91	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	3087	3044	3027	3053	1.01	cps
Phosphorus	31-2	433	458	558	483	13.68	cps
Potassium	39-2	452160	446967	453187	450771	0.74	cps
Rhodium	103-1	7025527	6924485	7036773	6995595	0.88	cps
Rhodium	103-2	3932308	3930361	3912465	3925045	0.28	cps
Scandium	45-1	5154868	4981304	5001036	5045736	1.88	cps
Scandium	45-2	370678	369707	370209	370198	0.13	cps
Selenium	82-1	1580	1640	1631	1617	1.99	cps
Selenium	77-2	107	140	153	133	18.03	cps
Selenium	78-2	685	604	594	628	7.95	cps
Silicon	28-1	627250	626261	623939	625817	0.27	cps
Silver	107-1	20315	21358	21433	21035	2.97	cps
Silver	109-1	19205	20615	20866	20229	4.43	cps
Sodium	23-2	671467	664311	667337	667705	0.54	cps
Strontium	86-1	6560	6893	6577	6677	2.81	cps
Strontium	88-1	51532	53147	53992	52890	2.36	cps
Sulfur	34-1	278401	278316	278724	278480	0.08	cps
Terbium	159-1	10533653	10365580	10361243	10420158	0.94	cps
Terbium	159-2	6489538	6459551	6403595	6450895	0.68	cps
Thallium	203-1	17795	18546	17879	18073	2.28	cps
Thallium	205-1	42743	43386	41597	42575	2.13	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:32:18	DataFile Name :	038LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1867	2277	2462	2202	13.82	cps
Titanium	47-1	12080	11246	13039	12122	7.40	cps
Uranium	238-1	60422	59720	60235	60126	0.60	cps
Vanadium	51-2	27645	27181	26633	27153	1.87	cps
Yttrium	89-1	13303948	13117486	13398744	13273393	1.08	cps
Yttrium	89-2	2930643	2899262	2921465	2917123	0.55	cps
Zinc	66-2	6355	6128	6235	6239	1.82	cps
Zirconium	90-1	28144	28603	28829	28525	1.22	cps
Zirconium	91-1	6060	6326	6768	6385	5.61	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	67	83	70	16.44	cps
Antimony	121-1	42	108	58	69	49.96	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	17	25	25	22	21.64	cps
Barium	137-1	83	58	42	61	34.32	cps
Beryllium	9-1	90	107	117	104	12.90	cps
Bismuth	209-1	6894787	7110732	7070606	7025375	1.63	cps
Bismuth	209-2	5608064	5848047	5625962	5694024	2.35	cps
Boron	10-1	2150	1992	2075	2072	3.82	cps
Boron	11-1	9862	9712	9128	9567	4.05	cps
Bromine	81-1	72421	71516	72689	72209	0.85	cps
Bromine	81-2	130	80	90	100	26.46	cps
Cadmium	111-1	775	741	752	756	2.25	cps
Cadmium	106-1	7711	7502	7586	7599	1.38	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	100	142	92	111	24.11	cps
Calcium	44-1	7661	6602	7494	7252	7.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	760	820	693	758	8.36	cps
Cobalt	59-2	70	90	67	76	16.70	cps
Copper	63-2	920	1040	920	960	7.22	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	50	92	67	33.08	cps
Erbium	164-2	67	43	57	56	21.08	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	390	397	417	401	3.46	cps
Holmium	165-1	10076340	10532765	10690625	10433243	3.06	cps
Holmium	165-2	7175408	7260620	7146490	7194173	0.82	cps
Indium	115-1	7465084	7751539	7941792	7719472	3.11	cps
Indium	115-2	2707623	2783732	2645717	2712357	2.55	cps
Iron	56-2	9764	10248	9759	9924	2.83	cps
Iron	57-2	294	211	283	263	17.21	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1892	1832	1832	1852	1.87	cps
Krypton	83-1	187	157	173	172	8.73	cps
Lead	206-1	517	400	428	448	13.60	cps
Lead	207-1	372	389	417	393	5.72	cps
Lead	208-1	2039	1900	1783	1908	6.71	cps
Lithium	6-1	3245163	3368085	3413812	3342354	2.61	cps
Magnesium	24-2	406	450	372	409	9.54	cps
Manganese	55-2	113	127	110	117	7.56	cps
Molybdenum	94-1	158	200	183	181	11.62	cps
Molybdenum	95-1	67	33	58	53	32.87	cps
Molybdenum	96-1	192	108	158	153	27.45	cps
Molybdenum	97-1	67	25	17	36	74.18	cps
Molybdenum	98-1	108	58	75	81	31.61	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	73	90	133	99	31.32	cps
Phosphorus	31-2	358	250	342	317	18.42	cps
Potassium	39-2	41474	41223	40889	41195	0.71	cps
Rhodium	103-1	6837339	7146131	7159518	7047663	2.59	cps
Rhodium	103-2	4174166	4323193	4154691	4217350	2.19	cps
Scandium	45-1	4908754	5131604	5142759	5061039	2.61	cps
Scandium	45-2	397790	410413	390700	399634	2.50	cps
Selenium	82-1	16	47	27	30	53.16	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	189	172	178	180	4.73	cps
Silicon	28-1	507019	500499	497273	501597	0.99	cps
Silver	107-1	242	267	300	269	10.86	cps
Silver	109-1	125	142	100	122	17.16	cps
Sodium	23-2	14640	15102	15336	15026	2.35	cps
Strontium	86-1	317	350	292	319	9.16	cps
Strontium	88-1	142	200	267	203	30.85	cps
Sulfur	34-1	280869	280592	276543	279335	0.87	cps
Terbium	159-1	10146227	10574004	10723094	10481108	2.86	cps
Terbium	159-2	6958324	7121928	6851934	6977395	1.95	cps
Thallium	203-1	267	208	217	231	13.68	cps
Thallium	205-1	625	600	850	692	19.91	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BL	Instrumnet Name :	P7
Client Sample ID :	PB149507BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:12	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	567	483	750	600	22.74	cps
Titanium	47-1	175	142	192	169	15.02	cps
Uranium	238-1	49	32	15	32	52.52	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Yttrium	89-1	12969333	13293303	13372922	13211853	1.62	cps
Yttrium	89-2	3148210	3232458	3105221	3161963	2.05	cps
Zinc	66-2	323	347	327	332	3.80	cps
Zirconium	90-1	608	475	675	586	17.38	cps
Zirconium	91-1	67	92	92	83	17.32	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1974417	2005808	1956219	1978815	1.27	cps
Antimony	121-1	2851204	3007300	3028810	2962438	3.27	cps
Arsenic	75-2	145873	147073	146306	146417	0.42	cps
Barium	135-1	4667526	4901916	4880231	4816558	2.69	cps
Barium	137-1	8147752	8630449	8497531	8425244	2.96	cps
Beryllium	9-1	1052422	1103711	1077445	1077859	2.38	cps
Bismuth	209-1	6630745	6498547	6528412	6552568	1.06	cps
Bismuth	209-2	5308850	5171241	4896710	5125600	4.09	cps
Boron	10-1	228097	247605	256495	244065	5.95	cps
Boron	11-1	1053319	1143898	1161094	1119437	5.17	cps
Bromine	81-1	67171	68350	66200	67241	1.60	cps
Bromine	81-2	30	150	60	80	78.07	cps
Cadmium	111-1	855214	894138	894620	881324	2.57	cps
Cadmium	106-1	125423	125473	126473	125790	0.47	cps
Cadmium	108-1	81309	83886	83237	82811	1.62	cps
Calcium	43-1	1443659	1489870	1512074	1481868	2.36	cps
Calcium	44-1	21157555	21720579	22125346	21667827	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1502425	1514061	1470582	1495689	1.50	cps
Cobalt	59-2	2363592	2372758	2324377	2353576	1.09	cps
Copper	63-2	15760949	16055728	15760792	15859156	1.07	cps
Dysprosium	156-1	258	442	425	375	27.04	cps
Dysprosium	156-2	313	383	337	344	10.35	cps
Erbium	164-1	142	92	158	131	26.57	cps
Erbium	164-2	53	80	77	70	20.76	cps
Gadolinium	160-1	217	300	283	267	16.54	cps
Gadolinium	160-2	503	487	587	526	10.19	cps
Holmium	165-1	10257266	10120108	10230883	10202753	0.71	cps
Holmium	165-2	7203297	6908183	6675748	6929076	3.82	cps
Indium	115-1	7347520	7077090	7042742	7155784	2.33	cps
Indium	115-2	2527495	2437599	2348357	2437817	3.67	cps
Iron	56-2	71115796	71120038	70941977	71059270	0.14	cps
Iron	57-2	1807085	1812250	1807934	1809089	0.15	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3908401	3975466	3983613	3955827	1.04	cps
Krypton	83-1	223	203	260	229	12.55	cps
Lead	206-1	18177375	19355452	19313780	18948869	3.53	cps
Lead	207-1	16825677	17415652	17579125	17273485	2.29	cps
Lead	208-1	74570913	77868609	78270935	76903486	2.64	cps
Lithium	6-1	3262713	3184908	3141613	3196411	1.92	cps
Magnesium	24-2	18414341	18708423	18594329	18572364	0.80	cps
Manganese	55-2	11651689	11833141	11647959	11710930	0.90	cps
Molybdenum	94-1	12907329	13200117	13259955	13122467	1.44	cps
Molybdenum	95-1	18267976	18928155	18948703	18714945	2.07	cps
Molybdenum	96-1	19516256	20534238	20342267	20130920	2.69	cps
Molybdenum	97-1	11347598	11818920	11804357	11656958	2.30	cps
Molybdenum	98-1	28910149	29991680	30170072	29690633	2.30	cps
Neodymium	150-1	1347	1293	1473	1371	6.74	cps
Neodymium	150-2	193	227	230	217	9.36	cps
Nickel	60-2	565312	572588	572198	570033	0.72	cps
Phosphorus	31-2	98810	100941	100236	99995	1.09	cps
Potassium	39-2	9003263	9073195	9113990	9063482	0.62	cps
Rhodium	103-1	6525599	6311059	6261635	6366098	2.20	cps
Rhodium	103-2	3872585	3716347	3576267	3721733	3.98	cps
Scandium	45-1	5082864	4807222	4836330	4908805	3.09	cps
Scandium	45-2	386374	370164	358234	371591	3.80	cps
Selenium	82-1	68717	71944	71189	70616	2.39	cps
Selenium	77-2	5855	5598	5918	5790	2.93	cps
Selenium	78-2	19522	19359	19444	19442	0.42	cps
Silicon	28-1	16473069	16993384	16777199	16747884	1.56	cps
Silver	107-1	4932564	4982737	4996855	4970718	0.68	cps
Silver	109-1	4675817	4773205	4765270	4738097	1.14	cps
Sodium	23-2	30322215	30680351	30320674	30441080	0.68	cps
Strontium	86-1	33455845	34239445	34109145	33934811	1.24	cps
Strontium	88-1	288522831	300752557	298610065	295961818	2.21	cps
Sulfur	34-1	750488	757955	758865	755769	0.61	cps
Terbium	159-1	10448762	10144274	10129685	10240907	1.76	cps
Terbium	159-2	7008684	6834978	6587216	6810293	3.11	cps
Thallium	203-1	4262935	4485934	4517105	4421991	3.13	cps
Thallium	205-1	10139761	10660425	10899056	10566414	3.67	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149507BS	Instrumnet Name :	P7
Client Sample ID :	PB149507BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:04	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3026883	3153449	3154295	3111542	2.36	cps
Titanium	47-1	5461391	5742648	5707946	5637328	2.72	cps
Uranium	238-1	13800676	14659777	14820867	14427107	3.80	cps
Vanadium	51-2	1247484	1249671	1239129	1245428	0.45	cps
Yttrium	89-1	13321472	12992841	12889160	13067824	1.73	cps
Yttrium	89-2	3059119	2931523	2855344	2948662	3.49	cps
Zinc	66-2	2403244	2394349	2416078	2404557	0.45	cps
Zirconium	90-1	6378324	6671893	6757551	6602589	3.01	cps
Zirconium	91-1	1454340	1486936	1517643	1486307	2.13	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : PB149767BL Instrumnet Name : P7
 Client Sample ID : PB149767BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:45:35 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56	61	94	70	29.89	cps
Antimony	121-1	442	450	433	442	1.89	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	33	33	17	28	34.63	cps
Barium	137-1	33	33	33	33	0.00	cps
Beryllium	9-1	160	137	157	151	8.35	cps
Bismuth	209-1	7129525	7122803	7245240	7165856	0.96	cps
Bismuth	209-2	5404918	5395615	5216070	5338868	1.99	cps
Boron	10-1	2842	3017	2750	2870	4.72	cps
Boron	11-1	13123	13072	12263	12819	3.76	cps
Bromine	81-1	70210	68435	71038	69894	1.90	cps
Bromine	81-2	130	60	80	90	40.07	cps
Cadmium	111-1	736	747	721	735	1.74	cps
Cadmium	106-1	7369	7485	7194	7349	2.00	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Calcium	43-1	150	108	125	128	16.41	cps
Calcium	44-1	7577	7385	7627	7530	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833	847	740	807	7.20	cps
Cobalt	59-2	43	70	67	60	24.22	cps
Copper	63-2	1070	963	930	988	7.40	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	57	43	30	43	30.77	cps
Gadolinium	160-1	75	25	58	53	48.24	cps
Gadolinium	160-2	410	347	327	361	12.05	cps
Holmium	165-1	10611076	10399667	10497994	10502912	1.01	cps
Holmium	165-2	6757910	6695707	6542593	6665403	1.66	cps
Indium	115-1	7617805	7577182	7766138	7653708	1.30	cps
Indium	115-2	2505594	2470006	2437282	2470960	1.38	cps
Iron	56-2	9559	9303	9359	9407	1.43	cps
Iron	57-2	239	194	228	220	10.50	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BL	Instrumnet Name :	P7
Client Sample ID :	PB149767BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:45:35	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1682	1832	1612	1709	6.59	cps
Krypton	83-1	160	167	167	164	2.34	cps
Lead	206-1	594	489	539	541	9.76	cps
Lead	207-1	656	544	367	522	27.90	cps
Lead	208-1	2361	2183	1939	2161	9.81	cps
Lithium	6-1	3277916	3228632	3321886	3276145	1.42	cps
Magnesium	24-2	400	489	483	457	10.89	cps
Manganese	55-2	183	137	143	154	16.34	cps
Molybdenum	94-1	375	242	333	317	21.54	cps
Molybdenum	95-1	533	417	167	372	50.33	cps
Molybdenum	96-1	525	408	342	425	21.84	cps
Molybdenum	97-1	258	133	150	181	37.59	cps
Molybdenum	98-1	717	450	508	558	25.11	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	120	110	97	33.25	cps
Phosphorus	31-2	292	375	333	333	12.50	cps
Potassium	39-2	40263	39527	40229	40006	1.04	cps
Rhodium	103-1	6942486	6904694	7064547	6970576	1.20	cps
Rhodium	103-2	3994084	3924571	3843004	3920553	1.93	cps
Scandium	45-1	5053196	4914233	5004470	4990633	1.41	cps
Scandium	45-2	364881	363286	353871	360680	1.65	cps
Selenium	82-1	13	19	44	25	66.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	207	143	176	175	18.49	cps
Silicon	28-1	492514	485828	486754	488365	0.74	cps
Silver	107-1	183	250	275	236	20.07	cps
Silver	109-1	83	150	200	144	40.52	cps
Sodium	23-2	14841	14924	14485	14750	1.58	cps
Strontium	86-1	450	300	333	361	21.81	cps
Strontium	88-1	1592	692	658	981	54.00	cps
Sulfur	34-1	264053	262425	263213	263230	0.31	cps
Terbium	159-1	10646127	10464478	10568522	10559709	0.86	cps
Terbium	159-2	6665065	6483003	6356428	6501499	2.39	cps
Thallium	203-1	358	292	233	294	21.24	cps
Thallium	205-1	450	642	592	561	17.72	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BL	Instrumnet Name :	P7
Client Sample ID :	PB149767BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:45:35	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1418	608	408	812	65.87	cps
Titanium	47-1	217	183	192	197	8.79	cps
Uranium	238-1	109	22	38	56	82.26	cps
Vanadium	51-2	17	13	20	17	20.01	cps
Yttrium	89-1	13254243	13041111	13189035	13161463	0.83	cps
Yttrium	89-2	2932208	2886334	2847666	2888736	1.47	cps
Zinc	66-2	347	307	327	327	6.12	cps
Zirconium	90-1	567	558	617	581	5.43	cps
Zirconium	91-1	83	92	75	83	10.00	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1984844	1984624	1962505	1977324	0.65	cps
Antimony	121-1	2881469	3036650	3028093	2982071	2.93	cps
Arsenic	75-2	145560	146942	146288	146263	0.47	cps
Barium	135-1	4613578	4813799	4881066	4769481	2.92	cps
Barium	137-1	8034141	8463779	8549555	8349158	3.31	cps
Beryllium	9-1	1015250	1057677	1077813	1050247	3.04	cps
Bismuth	209-1	8004129	6732307	6722442	7152959	10.31	cps
Bismuth	209-2	4870736	4937356	5238401	5015498	3.91	cps
Boron	10-1	222881	245405	253226	240504	6.55	cps
Boron	11-1	1021607	1130897	1192216	1114907	7.75	cps
Bromine	81-1	68302	65412	66936	66883	2.16	cps
Bromine	81-2	60	100	100	87	26.65	cps
Cadmium	111-1	851428	886674	885303	874468	2.28	cps
Cadmium	106-1	122759	125775	126818	125117	1.68	cps
Cadmium	108-1	78641	83949	82466	81685	3.35	cps
Calcium	43-1	1439948	1458760	1446024	1448244	0.66	cps
Calcium	44-1	20848825	21667392	21269769	21261995	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1482877	1509593	1477724	1490065	1.15	cps
Cobalt	59-2	2374518	2391337	2325743	2363866	1.44	cps
Copper	63-2	15816723	15998176	15582213	15799037	1.32	cps
Dysprosium	156-1	317	383	392	364	11.30	cps
Dysprosium	156-2	383	303	360	349	11.79	cps
Erbium	164-1	150	100	142	131	20.52	cps
Erbium	164-2	80	73	60	71	14.32	cps
Gadolinium	160-1	275	317	275	289	8.33	cps
Gadolinium	160-2	457	567	617	547	14.97	cps
Holmium	165-1	12730309	10544355	10350770	11208478	11.79	cps
Holmium	165-2	6477893	6677559	7127084	6760845	4.92	cps
Indium	115-1	8966989	7362978	7154816	7828261	12.67	cps
Indium	115-2	2333490	2329546	2519924	2394320	4.54	cps
Iron	56-2	71866713	70846286	69290135	70667711	1.84	cps
Iron	57-2	1807254	1780109	1787965	1791776	0.78	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3929812	4001582	3970943	3967446	0.91	cps
Krypton	83-1	203	157	233	198	19.53	cps
Lead	206-1	18371264	19052308	19102822	18842131	2.17	cps
Lead	207-1	16931614	17315016	17342788	17196473	1.34	cps
Lead	208-1	74176294	77325949	77146370	76216204	2.32	cps
Lithium	6-1	3868279	3330950	3163951	3454394	10.65	cps
Magnesium	24-2	18610431	18391037	18399476	18466981	0.67	cps
Manganese	55-2	11824861	11938726	11508759	11757449	1.89	cps
Molybdenum	94-1	12607531	13400287	13148077	13051965	3.10	cps
Molybdenum	95-1	17925515	18933094	18784107	18547572	2.93	cps
Molybdenum	96-1	19313390	20175429	20209485	19899435	2.55	cps
Molybdenum	97-1	11084685	11645536	11725917	11485379	3.04	cps
Molybdenum	98-1	28501851	30252307	29796990	29517049	3.08	cps
Neodymium	150-1	1207	1353	1407	1322	7.83	cps
Neodymium	150-2	163	217	183	188	14.35	cps
Nickel	60-2	565857	571861	567095	568271	0.56	cps
Phosphorus	31-2	100832	98542	101838	100404	1.68	cps
Potassium	39-2	8909285	9053083	9118203	9026857	1.18	cps
Rhodium	103-1	7824035	6552180	6348781	6908332	11.57	cps
Rhodium	103-2	3638184	3533493	3814020	3661899	3.87	cps
Scandium	45-1	5997670	4941028	4943480	5294059	11.51	cps
Scandium	45-2	350397	350999	379324	360240	4.59	cps
Selenium	82-1	67984	70555	70455	69665	2.09	cps
Selenium	77-2	6158	5638	5915	5903	4.41	cps
Selenium	78-2	19733	19507	19772	19671	0.73	cps
Silicon	28-1	16137992	16603699	16716014	16485902	1.86	cps
Silver	107-1	4799664	5051129	4953196	4934663	2.57	cps
Silver	109-1	4666680	4755387	4713327	4711798	0.94	cps
Sodium	23-2	30141606	30701010	30611815	30484811	0.99	cps
Strontium	86-1	32944690	34347093	34133926	33808570	2.24	cps
Strontium	88-1	281583323	296647107	300037332	292755920	3.36	cps
Sulfur	34-1	730962	738774	741716	737151	0.75	cps
Terbium	159-1	12704349	10622243	10272540	11199710	11.74	cps
Terbium	159-2	6350438	6479304	7016646	6615463	5.34	cps
Thallium	203-1	4320889	4414301	4452240	4395810	1.54	cps
Thallium	205-1	10162235	10456278	10834172	10484229	3.21	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149767BS	Instrumnet Name :	P7
Client Sample ID :	PB149767BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:48:29	DataFile Name :	042LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3005069	3172728	3144835	3107544	2.89	cps
Titanium	47-1	5280611	5640314	5666128	5529018	3.90	cps
Uranium	238-1	13855581	14853601	14880203	14529795	4.02	cps
Vanadium	51-2	1243016	1242903	1232888	1239602	0.47	cps
Yttrium	89-1	15773244	13158893	13054234	13995457	11.01	cps
Yttrium	89-2	2761265	2769938	3036296	2855833	5.47	cps
Zinc	66-2	2424229	2433540	2436000	2431257	0.26	cps
Zirconium	90-1	6365536	6636550	6668189	6556758	2.54	cps
Zirconium	91-1	1445583	1493959	1461912	1467151	1.68	cps

LB Number : LB123647 Operator : Jaswal
 Lab Sample ID : PB149788BL Instrumnet Name : P7
 Client Sample ID : PB149788BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 18:07:45 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	106	83	91	14.14	cps
Antimony	121-1	283	525	517	442	31.06	cps
Arsenic	75-2	0	6	4	3	91.69	cps
Barium	135-1	25	0	33	19	89.21	cps
Barium	137-1	42	25	0	22	94.38	cps
Beryllium	9-1	160	100	107	122	26.91	cps
Bismuth	209-1	7140223	7392401	7854282	7462302	4.85	cps
Bismuth	209-2	5183978	5294365	5514847	5331063	3.16	cps
Boron	10-1	1208	1467	1200	1292	11.74	cps
Boron	11-1	6318	6218	5768	6101	4.80	cps
Bromine	81-1	70453	72429	69824	70902	1.92	cps
Bromine	81-2	30	110	70	70	57.14	cps
Cadmium	111-1	699	671	756	709	6.13	cps
Cadmium	106-1	6968	6752	7527	7082	5.65	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	100	150	117	122	20.83	cps
Calcium	44-1	7752	7427	7110	7430	4.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	677	783	727	729	7.32	cps
Cobalt	59-2	87	47	40	58	43.68	cps
Copper	63-2	917	990	970	959	3.95	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	50	75	56	31.22	cps
Erbium	164-2	33	30	47	37	24.06	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Gadolinium	160-2	347	373	447	389	13.32	cps
Holmium	165-1	10443836	10501158	11213791	10719595	4.00	cps
Holmium	165-2	6457210	6708060	6818511	6661260	2.78	cps
Indium	115-1	7833894	7710411	8393799	7979368	4.56	cps
Indium	115-2	2486258	2471514	2552118	2503297	1.71	cps
Iron	56-2	9759	9492	9581	9611	1.41	cps
Iron	57-2	244	272	311	276	12.14	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BL	Instrumnet Name :	P7
Client Sample ID :	PB149788BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:07:45	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1752	1632	1972	1785	9.67	cps
Krypton	83-1	153	183	163	167	9.16	cps
Lead	206-1	611	489	522	541	11.68	cps
Lead	207-1	417	406	394	406	2.74	cps
Lead	208-1	2206	1900	1933	2013	8.33	cps
Lithium	6-1	3349764	3326933	3552505	3409734	3.64	cps
Magnesium	24-2	444	483	428	452	6.31	cps
Manganese	55-2	123	140	160	141	13.01	cps
Molybdenum	94-1	325	283	250	286	13.13	cps
Molybdenum	95-1	208	100	83	131	51.99	cps
Molybdenum	96-1	283	308	200	264	21.50	cps
Molybdenum	97-1	183	92	67	114	53.93	cps
Molybdenum	98-1	458	233	108	267	66.51	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	127	87	90	101	21.95	cps
Phosphorus	31-2	200	225	325	250	26.46	cps
Potassium	39-2	39711	40772	39711	40064	1.53	cps
Rhodium	103-1	7017438	7097233	7618267	7244313	4.50	cps
Rhodium	103-2	3828687	3944870	4009032	3927530	2.33	cps
Scandium	45-1	5078856	5090445	5456715	5208672	4.13	cps
Scandium	45-2	358036	360912	373325	364091	2.23	cps
Selenium	82-1	70	43	19	44	57.69	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	157	196	137	164	18.41	cps
Silicon	28-1	499087	492670	493207	494988	0.72	cps
Silver	107-1	92	150	133	125	24.04	cps
Silver	109-1	42	75	92	69	36.66	cps
Sodium	23-2	13845	13734	14084	13888	1.29	cps
Strontium	86-1	400	325	342	356	11.08	cps
Strontium	88-1	967	467	500	644	43.38	cps
Sulfur	34-1	267679	273864	270055	270533	1.15	cps
Terbium	159-1	10688507	10487292	11467809	10881202	4.76	cps
Terbium	159-2	6369139	6501029	6556459	6475542	1.49	cps
Thallium	203-1	175	233	275	228	22.05	cps
Thallium	205-1	650	500	575	575	13.04	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BL	Instrumnet Name :	P7
Client Sample ID :	PB149788BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:07:45	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	617	550	3011	1392	100.67	cps
Titanium	47-1	225	167	217	203	15.56	cps
Uranium	238-1	37	14	31	27	42.62	cps
Vanadium	51-2	13	20	33	22	45.83	cps
Yttrium	89-1	13599943	13608876	14573596	13927472	4.02	cps
Yttrium	89-2	2805101	2853714	3005877	2888231	3.63	cps
Zinc	66-2	283	373	287	314	16.23	cps
Zirconium	90-1	567	483	508	519	8.23	cps
Zirconium	91-1	158	133	75	122	34.99	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2000663	1979108	1936727	1972166	1.65	cps
Antimony	121-1	2945981	2953229	3013454	2970888	1.25	cps
Arsenic	75-2	145837	145667	143810	145105	0.77	cps
Barium	135-1	4799029	4858039	4910480	4855849	1.15	cps
Barium	137-1	8427342	8320917	8509688	8419316	1.12	cps
Beryllium	9-1	1064489	1050411	1080099	1065000	1.39	cps
Bismuth	209-1	6690371	6212652	5961826	6288283	5.89	cps
Bismuth	209-2	4708091	4803139	4779954	4763728	1.04	cps
Boron	10-1	232722	241967	253898	242862	4.37	cps
Boron	11-1	1060085	1111592	1133589	1101755	3.42	cps
Bromine	81-1	67062	66292	64192	65848	2.26	cps
Bromine	81-2	160	60	100	107	47.19	cps
Cadmium	111-1	878000	869339	885660	877667	0.93	cps
Cadmium	106-1	125902	122700	126666	125089	1.68	cps
Cadmium	108-1	81502	81574	81691	81589	0.12	cps
Calcium	43-1	1454889	1437116	1477168	1456391	1.38	cps
Calcium	44-1	21623185	21015955	21334037	21324392	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1504289	1504224	1468815	1492443	1.37	cps
Cobalt	59-2	2344289	2370536	2350773	2355199	0.58	cps
Copper	63-2	16034976	15623979	15831847	15830267	1.30	cps
Dysprosium	156-1	392	200	400	331	34.23	cps
Dysprosium	156-2	310	300	310	307	1.88	cps
Erbium	164-1	150	117	108	125	17.64	cps
Erbium	164-2	73	60	67	67	10.00	cps
Gadolinium	160-1	200	200	217	206	4.68	cps
Gadolinium	160-2	483	480	467	477	1.85	cps
Holmium	165-1	10608635	9725809	9271995	9868813	6.89	cps
Holmium	165-2	6447736	6552792	6388259	6462929	1.29	cps
Indium	115-1	7415975	6800578	6463854	6893469	7.00	cps
Indium	115-2	2271321	2299256	2262275	2277617	0.85	cps
Iron	56-2	70488432	69819559	70514131	70274040	0.56	cps
Iron	57-2	1798497	1792023	1777681	1789400	0.60	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3949091	3990527	3946898	3962172	0.62	cps
Krypton	83-1	173	180	213	189	11.35	cps
Lead	206-1	19215496	19086702	19374632	19225610	0.75	cps
Lead	207-1	17476793	17587838	17582856	17549162	0.36	cps
Lead	208-1	77498465	77496753	78034802	77676673	0.40	cps
Lithium	6-1	3232692	2997541	2893455	3041230	5.71	cps
Magnesium	24-2	18458481	18384596	18585784	18476287	0.55	cps
Manganese	55-2	11799587	11738716	11633333	11723879	0.72	cps
Molybdenum	94-1	13202207	12974803	13366881	13181297	1.49	cps
Molybdenum	95-1	18575378	18784299	18875161	18744946	0.82	cps
Molybdenum	96-1	19938879	20108125	20148727	20065244	0.55	cps
Molybdenum	97-1	11663720	11455019	11638279	11585673	0.98	cps
Molybdenum	98-1	29647618	29393337	30233645	29758200	1.45	cps
Neodymium	150-1	1473	1440	1307	1407	6.27	cps
Neodymium	150-2	207	270	183	220	20.38	cps
Nickel	60-2	568673	564581	565953	566402	0.37	cps
Phosphorus	31-2	101855	98927	99648	100143	1.52	cps
Potassium	39-2	9095420	9107529	9032852	9078600	0.44	cps
Rhodium	103-1	6505107	5915437	5625664	6015403	7.45	cps
Rhodium	103-2	3424345	3516316	3447768	3462810	1.38	cps
Scandium	45-1	5045124	4531595	4288578	4621766	8.36	cps
Scandium	45-2	343689	350907	339195	344597	1.71	cps
Selenium	82-1	69912	68861	70726	69833	1.34	cps
Selenium	77-2	5561	5881	5384	5609	4.49	cps
Selenium	78-2	19470	19626	18990	19362	1.71	cps
Silicon	28-1	16617407	16375684	16683320	16558803	0.98	cps
Silver	107-1	5083592	4998415	5005038	5029015	0.94	cps
Silver	109-1	4834867	4758408	4721735	4771670	1.21	cps
Sodium	23-2	30901920	30430614	30629415	30653983	0.77	cps
Strontium	86-1	34185817	33640812	34347160	34057930	1.09	cps
Strontium	88-1	295562190	291407807	297054548	294674848	0.99	cps
Sulfur	34-1	752522	738591	752718	747943	1.08	cps
Terbium	159-1	10403453	9720477	9290765	9804899	5.72	cps
Terbium	159-2	6278709	6443177	6161447	6294445	2.25	cps
Thallium	203-1	4490486	4405852	4413112	4436483	1.06	cps
Thallium	205-1	10662385	10411206	10677822	10583805	1.41	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	PB149788BS	Instrumnet Name :	P7
Client Sample ID :	PB149788BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:11:09	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3164311	3118688	3184327	3155775	1.07	cps
Titanium	47-1	5589440	5505302	5512920	5535887	0.84	cps
Uranium	238-1	14343525	14464097	15081050	14629557	2.70	cps
Vanadium	51-2	1244732	1230246	1233290	1236089	0.62	cps
Yttrium	89-1	13079339	11863421	11710933	12217898	6.14	cps
Yttrium	89-2	2728987	2756163	2680962	2722037	1.40	cps
Zinc	66-2	2439802	2448422	2409816	2432680	0.83	cps
Zirconium	90-1	6568223	6518176	6648690	6578363	1.00	cps
Zirconium	91-1	1473596	1484410	1475458	1477821	0.39	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9813943	9551074	9770021	9711679	1.45	cps
Antimony	121-1	2744533	2780018	2798801	2774451	0.99	cps
Arsenic	75-2	133185	131511	133247	132647	0.74	cps
Barium	135-1	4689392	4745571	4822763	4752575	1.41	cps
Barium	137-1	8175587	8283247	8268294	8242376	0.71	cps
Beryllium	9-1	960551	986488	986447	977829	1.53	cps
Bismuth	209-1	5588105	5828130	5808358	5741531	2.32	cps
Bismuth	209-2	4242214	4182837	4135448	4186833	1.28	cps
Boron	10-1	215237	227465	236136	226280	4.64	cps
Boron	11-1	964213	1054053	1102172	1040146	6.73	cps
Bromine	81-1	63747	64768	64969	64495	1.02	cps
Bromine	81-2	110	70	120	100	26.46	cps
Cadmium	111-1	784963	802021	797132	794705	1.11	cps
Cadmium	106-1	116457	115810	115843	116036	0.31	cps
Cadmium	108-1	75750	77003	77170	76641	1.01	cps
Calcium	43-1	5863870	6128380	6107787	6033346	2.44	cps
Calcium	44-1	94887929	96859825	96887044	96211599	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1470826	1481537	1484200	1478854	0.48	cps
Cobalt	59-2	2282497	2201105	2225147	2236250	1.87	cps
Copper	63-2	15148060	15110633	15083295	15113996	0.22	cps
Dysprosium	156-1	1017	933	892	947	6.72	cps
Dysprosium	156-2	827	683	897	802	13.56	cps
Erbium	164-1	133	117	117	122	7.87	cps
Erbium	164-2	90	70	87	82	13.03	cps
Gadolinium	160-1	850	867	1000	906	9.08	cps
Gadolinium	160-2	957	977	1057	997	5.31	cps
Holmium	165-1	9676245	10109909	10104038	9963398	2.50	cps
Holmium	165-2	6350686	6296261	6163277	6270075	1.54	cps
Indium	115-1	6416378	6754879	6774268	6648509	3.03	cps
Indium	115-2	2184195	2145844	2126199	2152080	1.37	cps
Iron	56-2	329627407	327758074	332575530	329987004	0.74	cps
Iron	57-2	8277820	8296809	8416647	8330425	0.90	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18587985	18268650	18408094	18421577	0.87	cps
Krypton	83-1	227	227	173	209	14.74	cps
Lead	206-1	17415476	18084811	18004715	17835001	2.05	cps
Lead	207-1	15910516	16458854	16474626	16281332	1.97	cps
Lead	208-1	71184732	72953028	72649664	72262475	1.31	cps
Lithium	6-1	2876452	3010248	3030155	2972285	2.81	cps
Magnesium	24-2	90215424	89205774	90672708	90031302	0.83	cps
Manganese	55-2	11580386	11369807	11448104	11466099	0.93	cps
Molybdenum	94-1	12771320	13234746	13137498	13047855	1.87	cps
Molybdenum	95-1	18465729	18972576	18684125	18707477	1.36	cps
Molybdenum	96-1	19734671	20170370	19961766	19955602	1.09	cps
Molybdenum	97-1	11380021	11675164	11436464	11497216	1.36	cps
Molybdenum	98-1	29214621	29589903	29258288	29354271	0.70	cps
Neodymium	150-1	1380	1353	1333	1356	1.73	cps
Neodymium	150-2	223	210	220	218	3.19	cps
Nickel	60-2	541448	534624	537463	537845	0.64	cps
Phosphorus	31-2	97619	97149	97896	97555	0.39	cps
Potassium	39-2	44586396	44084246	44120534	44263725	0.63	cps
Rhodium	103-1	5440617	5782920	5828817	5684118	3.73	cps
Rhodium	103-2	3249281	3186137	3153082	3196167	1.53	cps
Scandium	45-1	4513293	4754558	4669325	4645725	2.63	cps
Scandium	45-2	349560	341781	340919	344086	1.38	cps
Selenium	82-1	63553	64637	65533	64574	1.54	cps
Selenium	77-2	5331	5378	5294	5334	0.78	cps
Selenium	78-2	17918	18169	18098	18062	0.71	cps
Silicon	28-1	15007025	15548691	15337113	15297610	1.78	cps
Silver	107-1	4429797	4571752	4508841	4503463	1.58	cps
Silver	109-1	4277692	4328816	4284881	4297129	0.64	cps
Sodium	23-2	149362542	146627948	150313231	148767907	1.29	cps
Strontium	86-1	33089000	34069511	34009143	33722551	1.63	cps
Strontium	88-1	289580431	290288931	296083690	291984351	1.22	cps
Sulfur	34-1	724561	729932	726452	726981	0.37	cps
Terbium	159-1	9563220	10078367	10112072	9917886	3.10	cps
Terbium	159-2	6129432	6156265	6122767	6136155	0.29	cps
Thallium	203-1	4201659	4219357	4276429	4232482	0.92	cps
Thallium	205-1	9866005	9997300	10107484	9990263	1.21	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:19:26	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2972951	3025678	3004368	3000999	0.88	cps
Titanium	47-1	5476753	5599849	5547455	5541353	1.11	cps
Uranium	238-1	14102563	14387021	14392225	14293936	1.16	cps
Vanadium	51-2	1247703	1249749	1252057	1249836	0.17	cps
Yttrium	89-1	12056698	12469514	12780735	12435649	2.92	cps
Yttrium	89-2	2769058	2677620	2633604	2693427	2.57	cps
Zinc	66-2	2154801	2184805	2196297	2178634	0.98	cps
Zirconium	90-1	6581534	6692389	6650494	6641472	0.84	cps
Zirconium	91-1	1468499	1515725	1482271	1488832	1.63	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228	222	289	246	15.02	cps
Antimony	121-1	383	517	575	492	19.98	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	75	117	42	78	48.31	cps
Beryllium	9-1	200	163	173	179	10.59	cps
Bismuth	209-1	7117641	7153188	7136123	7135651	0.25	cps
Bismuth	209-2	5430995	5344771	5398258	5391342	0.81	cps
Boron	10-1	1909	2025	2134	2022	5.56	cps
Boron	11-1	9453	9461	9311	9409	0.90	cps
Bromine	81-1	76073	76080	76608	76254	0.40	cps
Bromine	81-2	160	180	200	180	11.11	cps
Cadmium	111-1	698	684	712	698	2.06	cps
Cadmium	106-1	6902	6685	7060	6882	2.74	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	442	175	233	283	49.49	cps
Calcium	44-1	11809	8594	8636	9680	19.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	873	773	847	831	6.23	cps
Cobalt	59-2	60	87	80	76	18.37	cps
Copper	63-2	1047	1067	1130	1081	4.02	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	43	40	43	42	4.55	cps
Gadolinium	160-1	42	83	67	64	32.83	cps
Gadolinium	160-2	310	363	437	370	17.19	cps
Holmium	165-1	10572835	10559206	10343984	10492008	1.22	cps
Holmium	165-2	6799791	6637451	6707964	6715069	1.21	cps
Indium	115-1	7772171	7856428	7767743	7798781	0.64	cps
Indium	115-2	2579275	2583891	2519713	2560959	1.40	cps
Iron	56-2	12567	12272	12428	12422	1.19	cps
Iron	57-2	328	261	289	293	11.45	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2002	1852	2252	2036	9.94	cps
Krypton	83-1	193	157	123	158	22.19	cps
Lead	206-1	672	672	506	617	15.60	cps
Lead	207-1	678	478	428	528	25.07	cps
Lead	208-1	2767	2356	2250	2458	11.11	cps
Lithium	6-1	3296376	3304187	3244081	3281548	1.00	cps
Magnesium	24-2	772	978	1028	926	14.63	cps
Manganese	55-2	170	187	183	180	4.90	cps
Molybdenum	94-1	367	358	300	342	10.63	cps
Molybdenum	95-1	558	333	308	400	34.42	cps
Molybdenum	96-1	675	392	350	472	37.45	cps
Molybdenum	97-1	342	167	142	217	50.30	cps
Molybdenum	98-1	1067	425	342	611	64.93	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	77	87	70	78	10.79	cps
Phosphorus	31-2	450	300	342	364	21.28	cps
Potassium	39-2	43037	42026	42443	42502	1.20	cps
Rhodium	103-1	7076056	7191152	7138131	7135113	0.81	cps
Rhodium	103-2	3999663	4023770	3981469	4001634	0.53	cps
Scandium	45-1	5210041	5128101	5116413	5151518	0.99	cps
Scandium	45-2	376956	372997	365624	371859	1.55	cps
Selenium	82-1	-3	29	85	37	121.62	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	176	172	163	170	3.92	cps
Silicon	28-1	516229	509743	498526	508166	1.76	cps
Silver	107-1	167	267	283	239	26.41	cps
Silver	109-1	92	100	142	111	24.11	cps
Sodium	23-2	20325	20709	20720	20584	1.09	cps
Strontium	86-1	867	617	500	661	28.34	cps
Strontium	88-1	3419	1775	1392	2195	49.06	cps
Sulfur	34-1	273880	278241	277918	276679	0.88	cps
Terbium	159-1	10571920	10451053	10429084	10484019	0.73	cps
Terbium	159-2	6577114	6623868	6343678	6514887	2.30	cps
Thallium	203-1	350	292	275	306	12.89	cps
Thallium	205-1	642	592	642	625	4.62	cps

LB Number :	LB123647	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:40:33	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1117	575	950	881	31.53	cps
Titanium	47-1	400	217	258	292	32.96	cps
Uranium	238-1	133	116	118	122	7.51	cps
Vanadium	51-2	30	10	13	18	60.28	cps
Yttrium	89-1	13166326	13719128	13445775	13443743	2.06	cps
Yttrium	89-2	3001818	2935778	2897224	2944940	1.80	cps
Zinc	66-2	373	350	383	369	4.64	cps
Zirconium	90-1	658	550	608	606	8.95	cps
Zirconium	91-1	133	117	125	125	6.67	cps