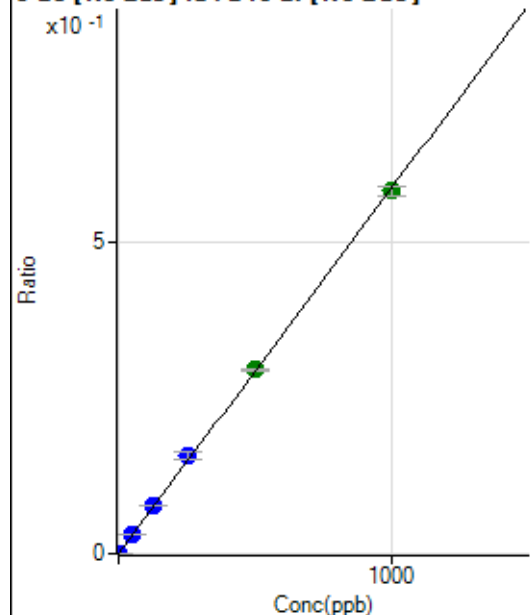


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121422 MS.b\
Analysis File: P8121422 MS.batch.bin
DA Date-Time: 2022-12-14 17:37:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-14 13:11:37
2	005CALS.d	S02	2022-12-14 13:14:47
3	006CALS.d	S03	2022-12-14 13:17:58
4	007CALS.d	S04	2022-12-14 13:21:05
5	008CALS.d	S05	2022-12-14 13:24:13
6	009CALS.d	S06	2022-12-14 13:27:20
7	010CALS.d	S07	2022-12-14 13:30:28
8	011CALS.d	S08	2022-12-14 13:33:35

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.58	0.0000	P	10.5
2	☐	1.000	1.054	2751.17	0.0006	P	2.5
3	☐	50.000	53.396	139211.97	0.0314	P	2.0
4	☐	125.000	131.997	344406.66	0.0777	P	0.9
5	☐	250.000	268.178	673030.95	0.1578	P	7.0
6	☐	500.000	503.132	1247184.56	0.2960	A	1.2
7	☐	1000.000	992.845	2402905.22	0.5841	A	2.4
8	☐			479.12	0.0001	P	4.6

$$y = 5.8826\text{E-}004 * x + 3.3101\text{E-}006$$

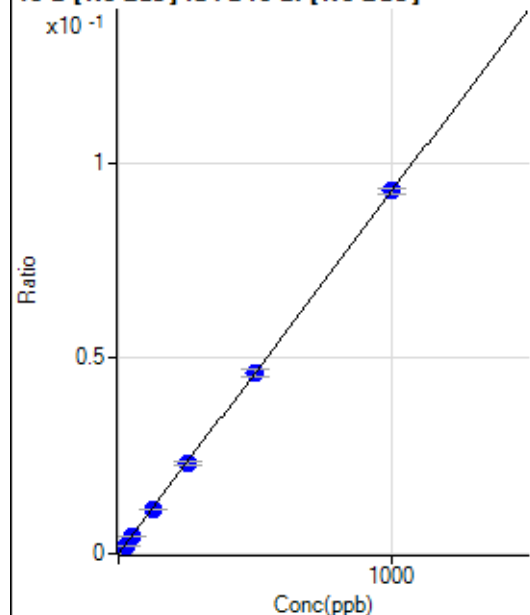
$$R = 0.9998$$

$$DL = 0.001773$$

$$BEC = 0.005627$$

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	123.98	0.0000	P	24.1
2	☐	25.000	21.311	8838.96	0.0020	P	4.1
3	☐	50.000	48.350	19967.74	0.0045	P	6.3
4	☐	125.000	120.682	49700.85	0.0112	P	1.8
5	☐	250.000	250.158	99037.05	0.0232	P	4.7
6	☐	500.000	498.286	194559.27	0.0462	P	3.8
7	☐	1000.000	1001.532	381825.90	0.0928	P	1.2
8	☐			19620.64	0.0047	P	12.4

$$y = 9.2623\text{E-}005 * x + 2.8133\text{E-}005$$

$$R = 1.0000$$

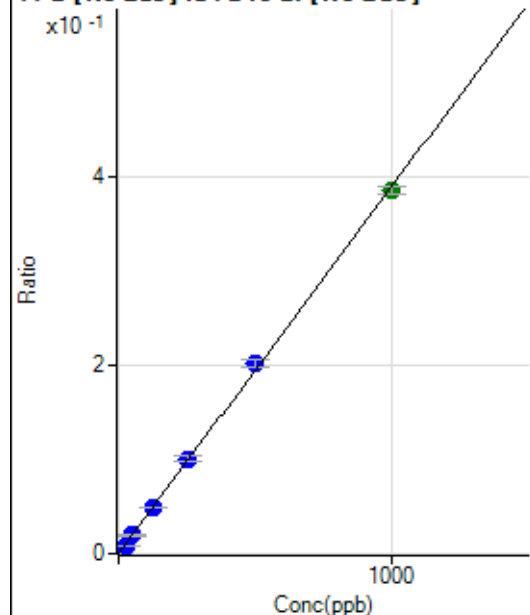
$$DL = 0.2193$$

$$BEC = 0.3037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	613.89	0.0001	P	5.5
2	☐	25.000	21.770	38115.34	0.0086	P	3.3
3	☐	50.000	50.112	87234.34	0.0197	P	5.6
4	☐	125.000	124.735	216444.75	0.0488	P	1.2
5	☐	250.000	258.933	431881.76	0.1012	P	4.6
6	☐	500.000	518.202	852204.69	0.2023	P	3.7
7	☐	1000.000	988.774	1587750.52	0.3859	A	2.2
8	☐			86633.15	0.0210	P	12.8

$$y = 3.9012\text{E-}004 * x + 1.3928\text{E-}004$$

$$R = 0.9997$$

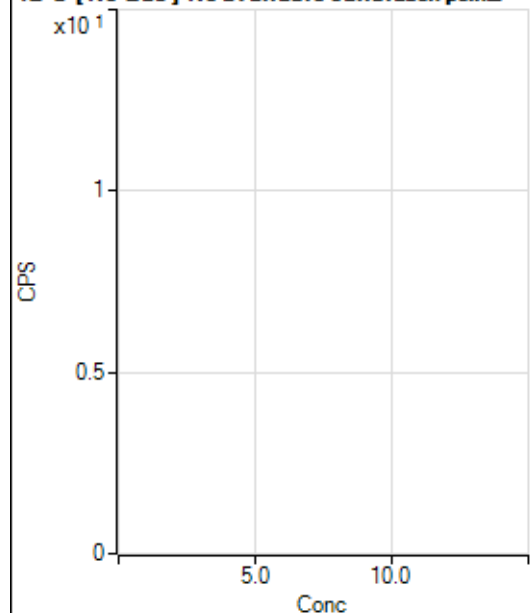
$$DL = 0.05857$$

$$BEC = 0.357$$

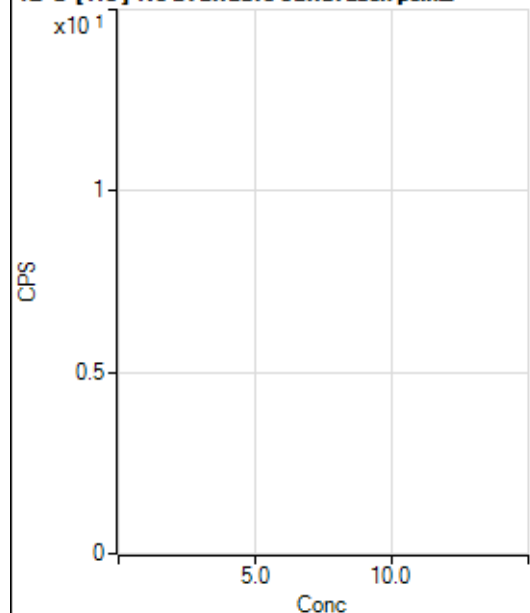
Weight: <None>

Min Conc: 0

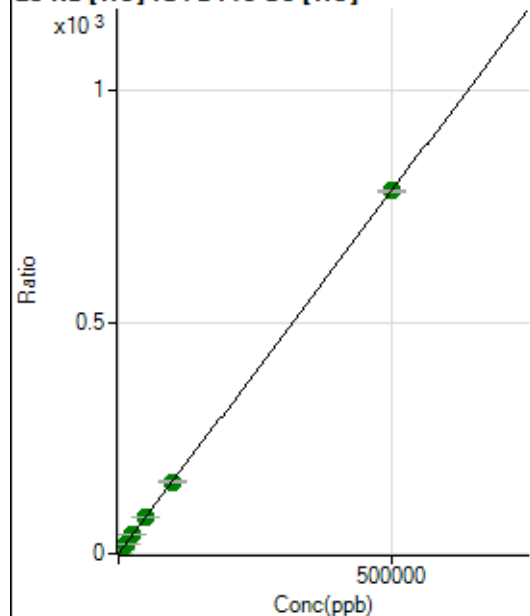
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8648370.42		A	2.2
2	☐			8815071.55		A	0.3
3	☐			9405007.41		A	1.1
4	☐			9288050.21		A	1.2
5	☐			9335399.69		A	0.9
6	☐			9223575.21		A	0.6
7	☐			9385249.51		A	0.5
8	☐			8969587.79		A	0.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96944.28		P	1.5
2	☐			99407.81		P	0.8
3	☐			109187.66		P	0.9
4	☐			104121.12		P	1.9
5	☐			107525.74		P	2.2
6	☐			105116.96		P	1.8
7	☐			111830.58		P	1.5
8	☐			108308.91		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15808.94	0.1016	P	3.7
2	☐	500.000	469.577	129756.88	0.8369	P	2.0
3	☐	5000.000	5201.741	1279317.26	8.2470	A	1.6
4	☐	12500.000	12683.729	3042185.18	19.9632	A	1.1
5	☐	25000.000	26193.431	6249105.83	41.1182	A	2.0
6	☐	50000.000	51154.395	12005277.26	80.2048	A	1.1
7	☐	100000.00	99061.526	24472724.16	155.2232	A	1.6
8	☐	500000.00	500006.00	127632365.3	783.0671	A	0.7

$$y = 0.0016 * x + 0.1016$$

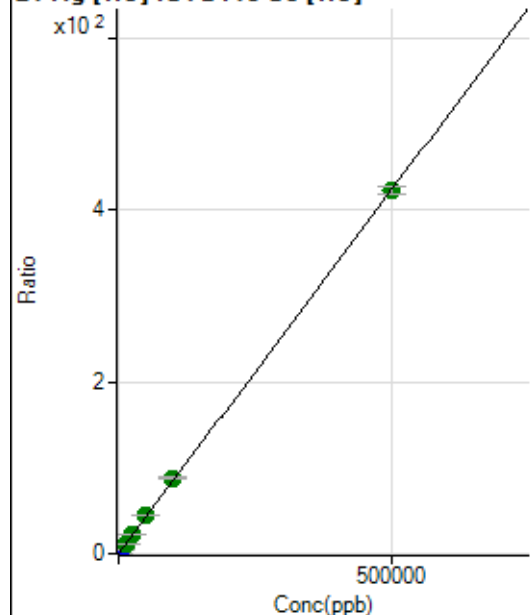
$$R = 1.0000$$

$$DL = 7.119$$

$$BEC = 64.85$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0010	P	29.3
2	☐	500.000	483.393	63522.99	0.4097	P	2.7
3	☐	5000.000	5422.591	711261.82	4.5856	P	1.0
4	☐	12500.000	13501.553	1739947.15	11.4160	A	2.0
5	☐	25000.000	26902.310	3458514.18	22.7458	A	1.8
6	☐	50000.000	52831.035	6685795.29	44.6674	A	0.9
7	☐	100000.00	103801.88	13836039.89	87.7610	A	1.8
8	☐	500000.00	498832.15	68739575.84	421.7419	A	2.0

$$y = 8.4546\text{E-}004 * x + 0.0010$$

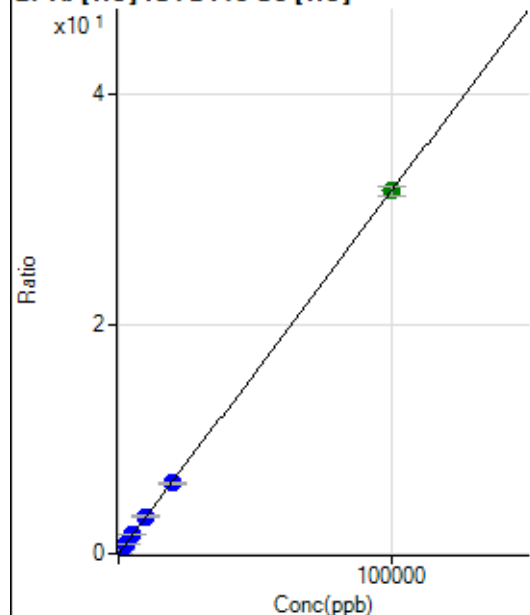
$$R = 1.0000$$

$$DL = 1.077$$

$$BEC = 1.224$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.07	0.0004	P	14.8
2	☐	20.000	20.484	1064.91	0.0069	P	1.6
3	☐	1000.000	1044.204	51206.04	0.3301	P	1.7
4	☐	2500.000	2590.348	124718.43	0.8183	P	1.3
5	☐	5000.000	5185.213	248900.64	1.6377	P	2.0
6	☐	10000.000	10312.230	487463.82	3.2566	P	1.2
7	☐	20000.000	19487.187	970194.01	6.1538	P	1.6
8	☐	100000.00	100059.37	5150098.48	31.5956	A	2.6

$$y = 3.1576\text{E-}004 * x + 3.9853\text{E-}004$$

$$R = 1.0000$$

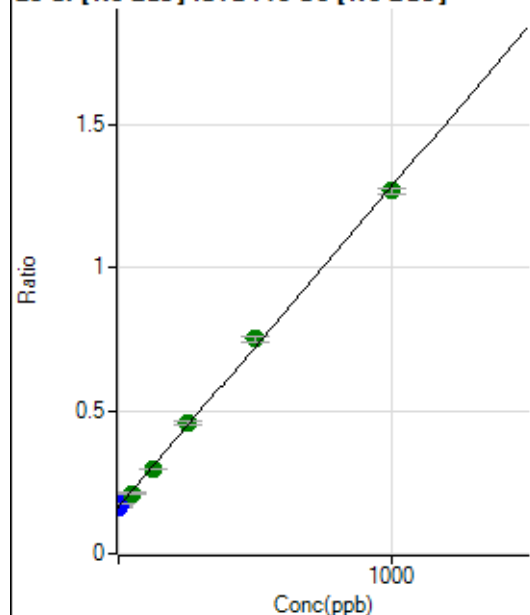
$$DL = 0.559$$

$$BEC = 1.262$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	824350.90	0.1643	P	1.1
2	☐	10.000	8.128	875753.98	0.1734	P	1.0
3	☐	50.000	40.066	1092204.39	0.2092	A	3.4
4	☐	125.000	117.940	1521474.66	0.2965	A	0.6
5	☐	250.000	260.252	2232994.30	0.4559	A	2.9
6	☐	500.000	524.773	3779240.93	0.7522	A	2.5
7	☐	1000.000	986.449	6545291.51	1.2694	A	1.7
8	☐			995569.03	0.1934	A	5.7

$$y = 0.0011 * x + 0.1643$$

R = 0.9993

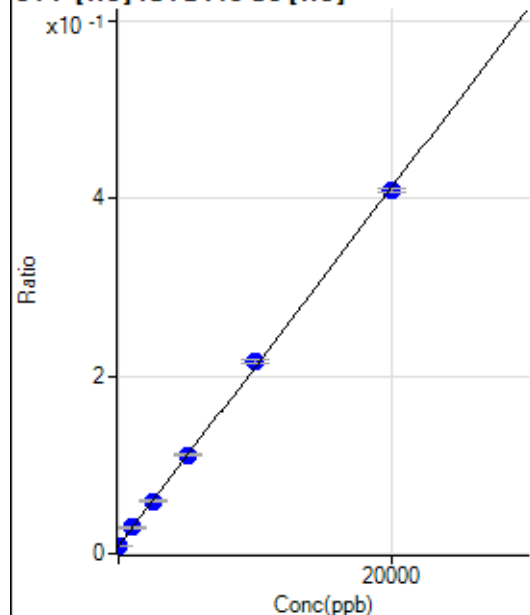
DL = 4.929

BEC = 146.7

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.125	1319.54	0.0085	P	9.1
2	☐	0.000	11.125	1383.44	0.0089	P	1.2
3	☐	1000.000	1052.645	4642.53	0.0299	P	5.5
4	☐	2500.000	2508.514	9030.80	0.0593	P	4.0
5	☐	5000.000	5092.757	16926.90	0.1114	P	1.9
6	☐	10000.000	10303.640	32400.87	0.2165	P	2.0
7	☐	20000.000	19821.294	64382.43	0.4084	P	1.1
8	☐			1350.10	0.0083	P	1.3

$$y = 2.0164E-005 * x + 0.0087$$

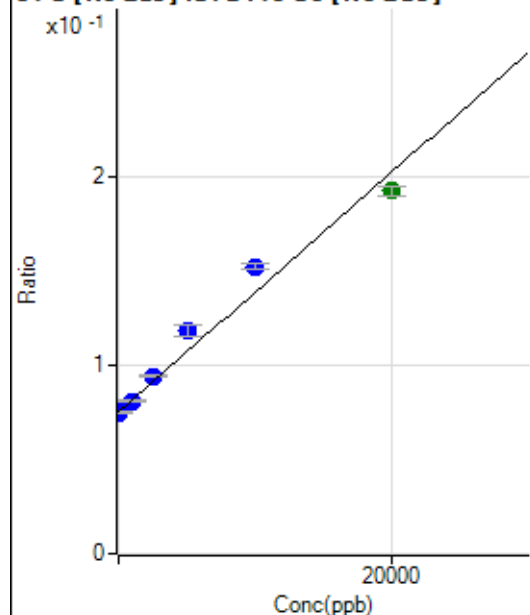
R = 0.9998

DL = 65.49

BEC = 431.3

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	56.225	379933.46	0.0758	P	3.2
2	☐	0.000	-56.225	378949.37	0.0750	P	0.5
3	☐	1000.000	898.207	423596.33	0.0811	P	2.0
4	☐	2500.000	2935.664	482971.39	0.0941	P	1.2
5	☐	5000.000	6799.018	581067.51	0.1187	P	5.6
6	☐	10000.000	12142.242	767412.96	0.1528	P	2.3
7	☐	20000.000	18429.756	994057.41	0.1928	A	2.4
8	☐			307663.25	0.0597	P	2.5

$$y = 6.3714\text{E-}006 * x + 0.0754$$

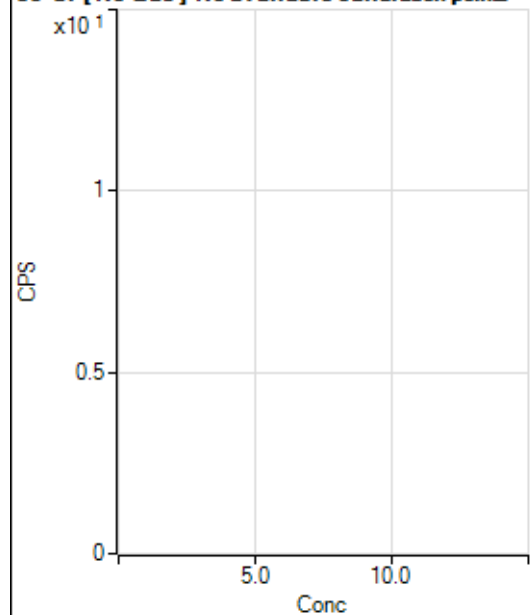
$$R = 0.9853$$

$$DL = 651$$

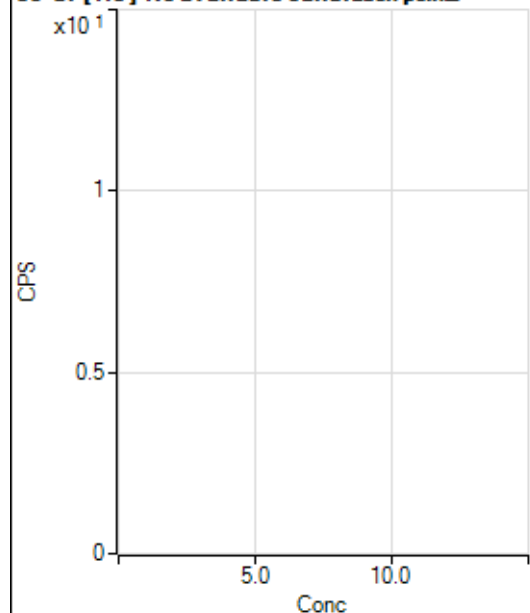
$$BEC = 1.183\text{E}+04$$

Weight: <None>

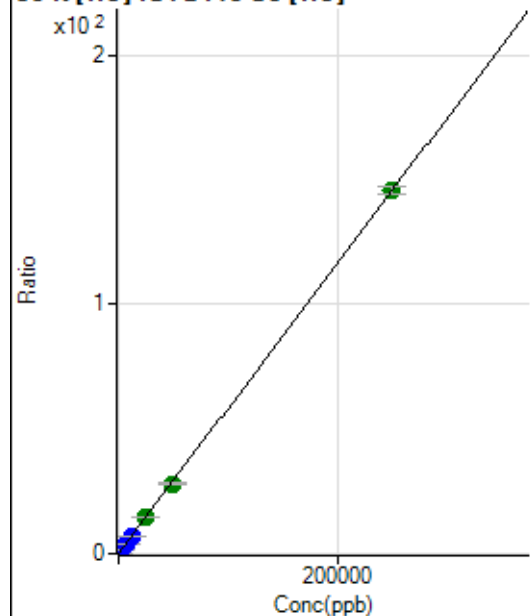
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			84884.88		P	3.0
2	☐			89948.40		P	0.3
3	☐			100469.51		P	0.8
4	☐			108637.49		P	1.1
5	☐			111438.45		P	0.4
6	☐			125194.19		P	0.9
7	☐			141290.59		P	0.6
8	☐			113720.70		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			569.47		P	9.4
2	☐			563.92		P	19.2
3	☐			700.04		P	10.2
4	☐			786.15		P	4.4
5	☐			730.59		P	6.3
6	☐			875.05		P	10.3
7	☐			1052.85		P	9.1
8	☐			755.60		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15664.41	0.1006	P	4.5
2	☐	500.000	438.310	55069.62	0.3552	P	2.5
3	☐	2500.000	2489.596	239895.38	1.5465	P	1.6
4	☐	6250.000	6118.392	556818.02	3.6541	P	0.9
5	☐	12500.000	12346.024	1105158.84	7.2710	P	1.5
6	☐	25000.000	25046.687	2192634.08	14.6474	A	3.1
7	☐	50000.000	48163.543	4425757.00	28.0733	A	2.9
8	☐	250000.00	250373.83	23716697.58	145.5139	A	2.0

$$y = 5.8078\text{E-}004 * x + 0.1006$$

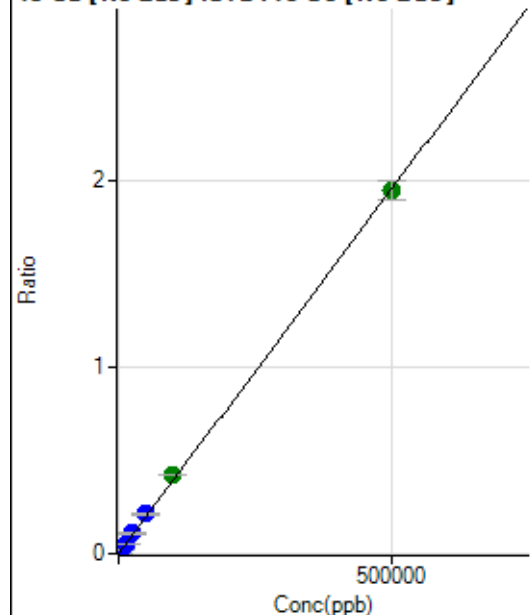
$$R = 1.0000$$

$$DL = 23.23$$

$$BEC = 173.3$$

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	168.73	0.0000	P	1.2
2	☐	500.000	457.132	9198.06	0.0018	P	4.1
3	☐	5000.000	5414.308	110771.39	0.0212	P	2.3
4	☐	12500.000	13615.843	273545.83	0.0533	P	1.2
5	☐	25000.000	28227.820	540476.58	0.1105	P	6.7
6	☐	50000.000	54166.478	1064756.26	0.2119	P	1.3
7	☐	100000.00	108564.11	2190120.67	0.4248	A	1.2
8	☐	500000.00	497677.14	10024045.45	1.9471	A	5.2

$$y = 3.9122\text{E-}006 * x + 3.3631\text{E-}005$$

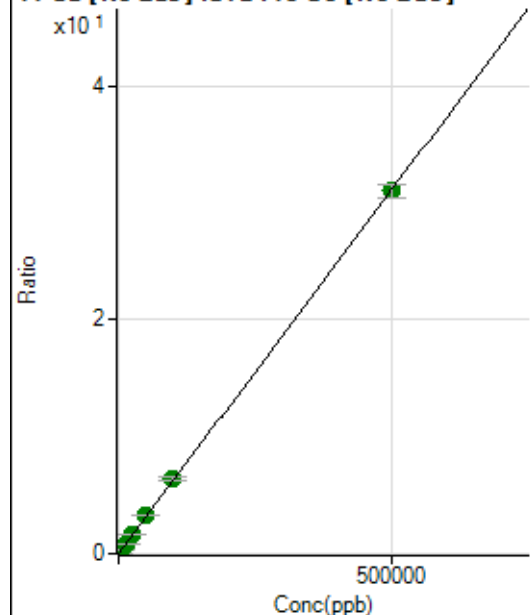
$$R = 0.9998$$

$$DL = 0.314$$

$$BEC = 8.596$$

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	8674.05	0.0017	P	2.9
2	☐	500.000	469.154	155943.25	0.0309	P	3.0
3	☐	5000.000	5257.845	1715434.26	0.3285	A	1.9
4	☐	12500.000	13088.822	4184178.55	0.8152	A	2.3
5	☐	25000.000	26946.675	8205381.74	1.6765	A	5.6
6	☐	50000.000	52563.410	16420954.70	3.2687	A	1.6
7	☐	100000.00	103447.56	33149870.48	6.4312	A	3.3
8	☐	500000.00	498939.54	159695911.6	31.0119	A	3.4

$$y = 6.2152\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

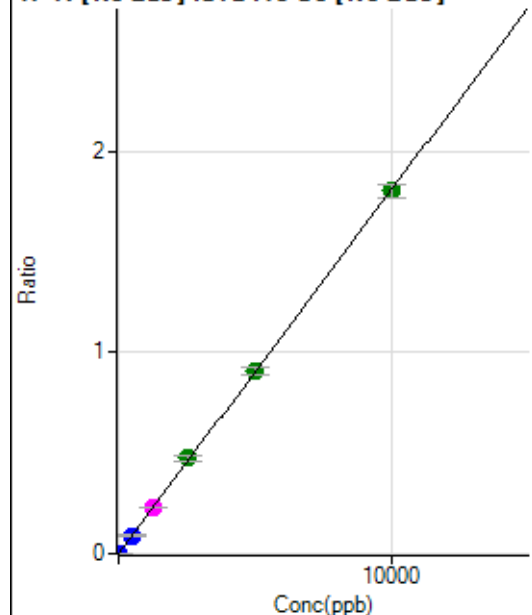
$$DL = 2.453$$

$$BEC = 27.83$$

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	200.01	0.0000	P	18.1
2	☐	5.000	4.852	4631.43	0.0009	P	0.5
3	☐	500.000	500.494	472756.74	0.0905	P	1.5
4	☐	1250.000	1258.390	1167881.48	0.2276	M	2.3
5	☐	2500.000	2615.517	2313787.94	0.4730	A	7.0
6	☐	5000.000	5005.312	4546597.41	0.9051	A	4.0
7	☐	10000.000	9967.391	9289060.10	1.8023	A	4.0
8	☐			2494.75	0.0005	P	10.1

$$y = 1.8081E-004 * x + 3.9930E-005$$

$$R = 0.9999$$

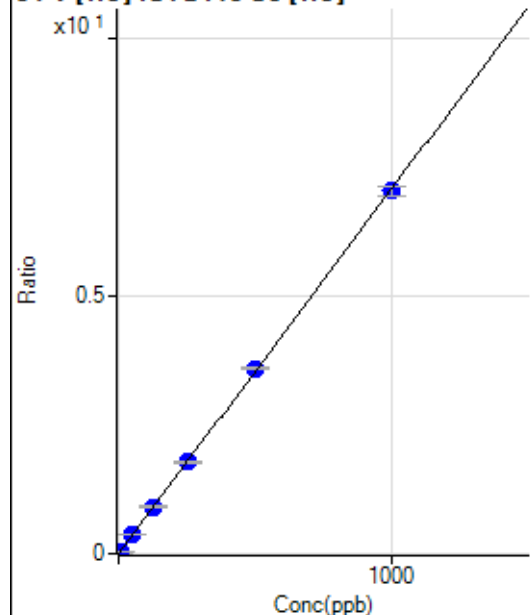
$$DL = 0.1199$$

$$BEC = 0.2208$$

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	2.22	0.0000	P	173.
2	☐	5.000	4.561	4999.81	0.0322	P	4.6
3	☐	50.000	50.603	55474.24	0.3576	P	1.9
4	☐	125.000	128.404	138282.53	0.9074	P	1.5
5	☐	250.000	250.940	269489.10	1.7733	P	2.2
6	☐	500.000	508.632	538014.76	3.5943	P	1.5
7	☐	1000.000	994.995	1108512.14	7.0313	P	2.7
8	☐			273.34	0.0017	P	4.0

$$y = 0.0071 * x + 1.4349E-005$$

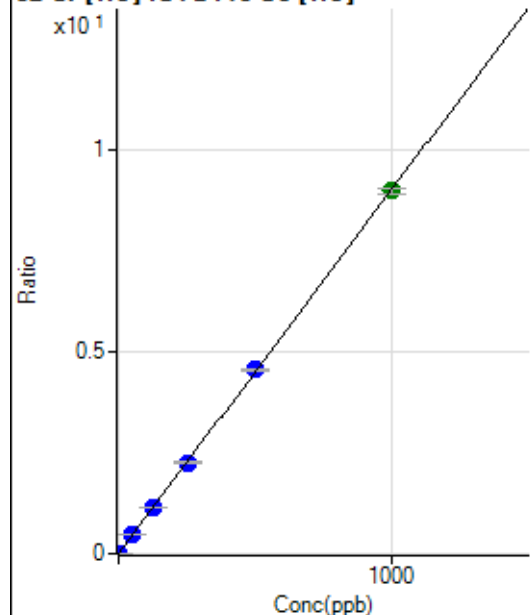
$$R = 0.9999$$

$$DL = 0.01055$$

$$BEC = 0.002031$$

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	420.01	0.0027	P	8.8
2	☐	2.000	1.733	2843.65	0.0183	P	3.3
3	☐	50.000	51.170	72048.50	0.4645	P	1.5
4	☐	125.000	126.769	174759.76	1.1468	P	0.4
5	☐	250.000	249.384	342464.58	2.2533	P	1.6
6	☐	500.000	505.426	683139.37	4.5640	P	0.5
7	☐	1000.000	997.162	1419194.30	9.0018	A	1.7
8	☐			9915.75	0.0608	P	0.8

$$y = 0.0090 * x + 0.0027$$

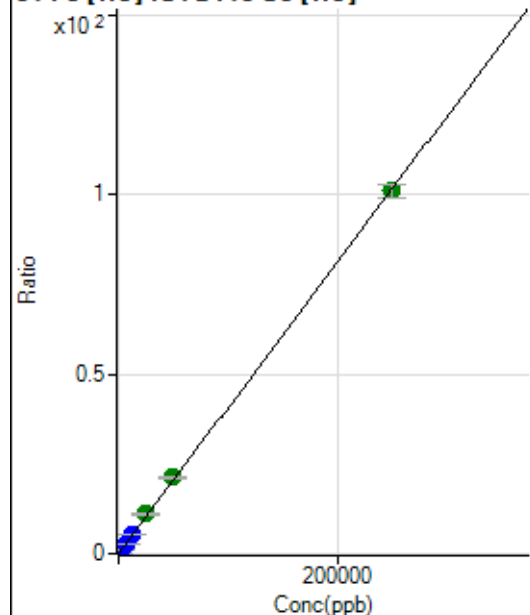
$$R = 1.0000$$

$$DL = 0.07901$$

$$BEC = 0.2989$$

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	535.21	0.0034	P	20.4
2	☐	50.000	48.921	3607.93	0.0233	P	2.8
3	☐	2500.000	2679.220	168914.28	1.0890	P	1.2
4	☐	6250.000	6714.131	415125.82	2.7239	P	1.0
5	☐	12500.000	12980.951	799978.81	5.2631	P	1.6
6	☐	25000.000	27295.052	1655984.32	11.0630	A	1.9
7	☐	50000.000	52330.257	3343495.10	21.2069	A	2.0
8	☐	250000.00	249267.00	16463082.31	101.0029	A	3.6

$$y = 4.0519E-004 * x + 0.0034$$

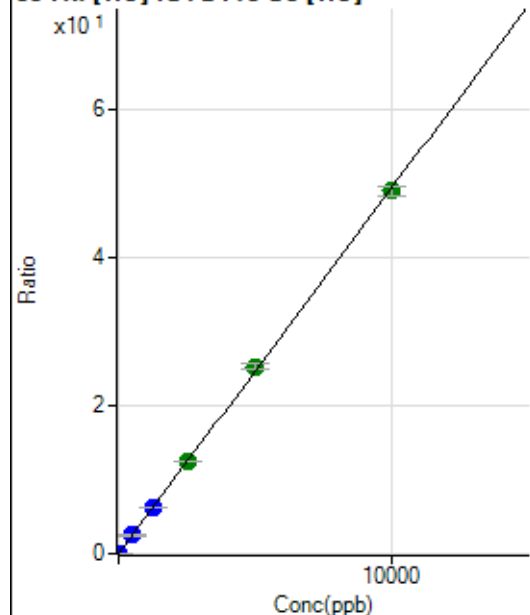
$$R = 0.9999$$

$$DL = 5.187$$

$$BEC = 8.49$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.11	0.0003	P	25.4
2	☐	1.000	0.948	766.70	0.0049	P	6.3
3	☐	500.000	500.728	383328.87	2.4713	P	0.9
4	☐	1250.000	1260.931	948303.40	6.2228	P	0.9
5	☐	2500.000	2536.202	1902728.97	12.5160	A	1.1
6	☐	5000.000	5119.686	3781912.27	25.2651	A	2.7
7	☐	10000.000	9929.704	7725129.75	49.0017	A	3.0
8	☐			7998.98	0.0491	P	1.4

$$y = 0.0049 * x + 2.6439E-004$$

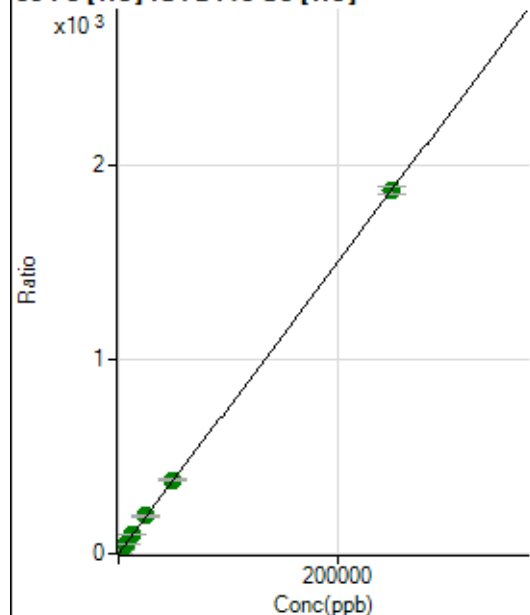
$$R = 0.9999$$

$$DL = 0.04088$$

$$BEC = 0.05358$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2841.08	0.0183	P	5.0
2	☐	50.000	46.913	57306.29	0.3696	P	3.7
3	☐	2500.000	2702.848	3142769.78	20.2630	A	1.8
4	☐	6250.000	6527.481	7453908.67	48.9101	A	1.0
5	☐	12500.000	12974.553	14773943.73	97.1996	A	0.9
6	☐	25000.000	25887.968	29028153.19	193.9230	A	2.2
7	☐	50000.000	50616.911	59777025.87	379.1465	A	2.2
8	☐	250000.00	249755.12	304903095.7	1,870.721	A	2.1

$$y = 0.0075 * x + 0.0183$$

$$R = 1.0000$$

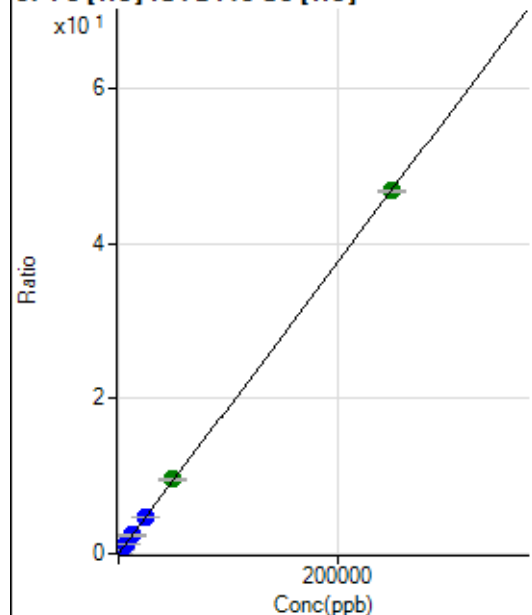
$$DL = 0.3664$$

$$BEC = 2.437$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	157.41	0.0010	P	25.8
2	☐	50.000	47.463	1535.29	0.0099	P	4.7
3	☐	2500.000	2596.319	75626.08	0.4876	P	2.2
4	☐	6250.000	6423.668	183605.31	1.2048	P	1.4
5	☐	12500.000	12658.477	360704.99	2.3732	P	1.9
6	☐	25000.000	25314.190	710216.15	4.7449	P	1.0
7	☐	50000.000	51237.826	1514037.56	9.6030	A	3.3
8	☐	250000.00	249707.78	7627668.28	46.7962	A	0.8

$$y = 1.8740\text{E-}004 * x + 0.0010$$

$$R = 1.0000$$

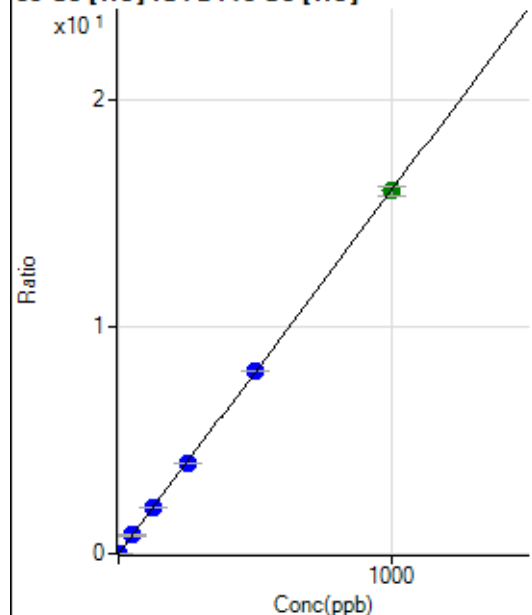
$$DL = 4.172$$

$$BEC = 5.387$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.22	0.0003	P	47.7
2	☐	1.000	0.954	2404.68	0.0155	P	4.0
3	☐	50.000	50.312	124745.23	0.8043	P	0.8
4	☐	125.000	127.113	309593.01	2.0316	P	0.0
5	☐	250.000	249.382	605778.22	3.9855	P	0.7
6	☐	500.000	502.937	1202996.30	8.0373	P	0.1
7	☐	1000.000	998.406	2515357.34	15.9550	A	2.7
8	☐			2216.86	0.0136	P	3.5

$$y = 0.0160 * x + 2.7065\text{E-}004$$

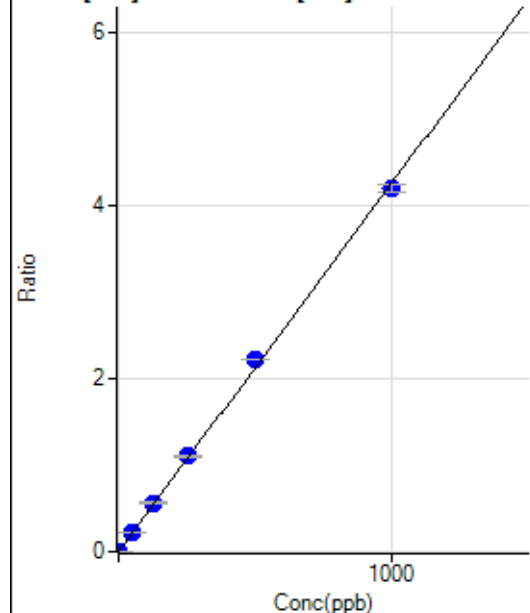
$$R = 1.0000$$

$$DL = 0.02423$$

$$BEC = 0.01694$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0003	P	32.7
2	☐	1.000	0.894	642.24	0.0041	P	4.1
3	☐	50.000	53.899	35651.49	0.2298	P	1.3
4	☐	125.000	132.975	86335.94	0.5666	P	0.9
5	☐	250.000	260.163	168405.46	1.1081	P	1.7
6	☐	500.000	521.523	332436.18	2.2210	P	0.3
7	☐	1000.000	985.506	661647.33	4.1967	P	2.2
8	☐			2159.07	0.0132	P	1.7

$$y = 0.0043 * x + 3.3591E-004$$

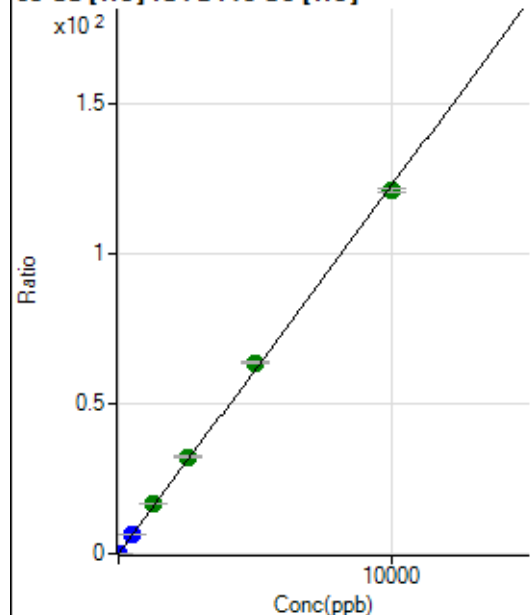
$$R = 0.9996$$

$$DL = 0.0774$$

$$BEC = 0.07889$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	585.57	0.0038	P	6.0
2	☐	2.000	1.930	4249.58	0.0274	P	3.3
3	☐	500.000	521.424	991383.28	6.3915	P	0.4
4	☐	1250.000	1351.583	2523747.91	16.5614	A	0.5
5	☐	2500.000	2629.552	4896893.68	32.2173	A	1.0
6	☐	5000.000	5188.566	9514359.09	63.5667	A	1.0
7	☐	10000.000	9859.560	19044761.94	120.7891	A	1.1
8	☐			4986.48	0.0306	P	3.1

$$y = 0.0123 * x + 0.0038$$

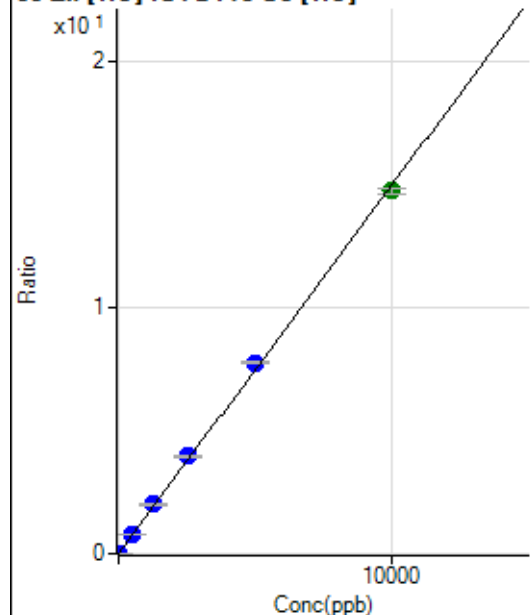
$$R = 0.9996$$

$$DL = 0.05542$$

$$BEC = 0.307$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0009	P	19.8
2	☐	2.000	2.058	621.13	0.0040	P	8.7
3	☐	500.000	541.412	125834.46	0.8113	P	0.5
4	☐	1250.000	1332.647	304111.87	1.9955	P	1.3
5	☐	2500.000	2655.771	604287.30	3.9758	P	2.0
6	☐	5000.000	5182.411	1161135.82	7.7575	P	0.6
7	☐	10000.000	9857.450	2326306.61	14.7547	A	1.6
8	☐			1691.23	0.0104	P	4.5

$$y = 0.0015 * x + 9.2833E-004$$

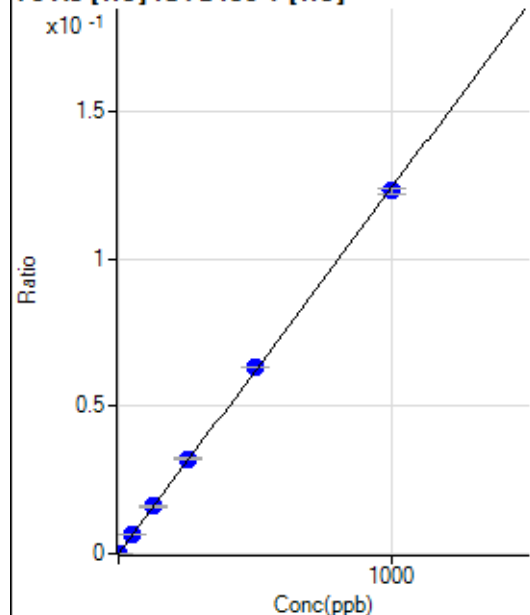
$$R = 0.9996$$

$$DL = 0.3693$$

$$BEC = 0.6202$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	34.7
2	☐	1.000	1.019	139.35	0.0001	P	3.1
3	☐	50.000	51.626	6892.38	0.0064	P	2.6
4	☐	125.000	129.259	17049.67	0.0160	P	1.2
5	☐	250.000	260.199	33976.42	0.0323	P	1.3
6	☐	500.000	509.983	66701.42	0.0632	P	0.8
7	☐	1000.000	991.845	135222.92	0.1230	P	1.7
8	☐			41.33	0.0000	P	12.2

$$y = 1.2399E-004 * x + 3.0729E-006$$

$$R = 0.9999$$

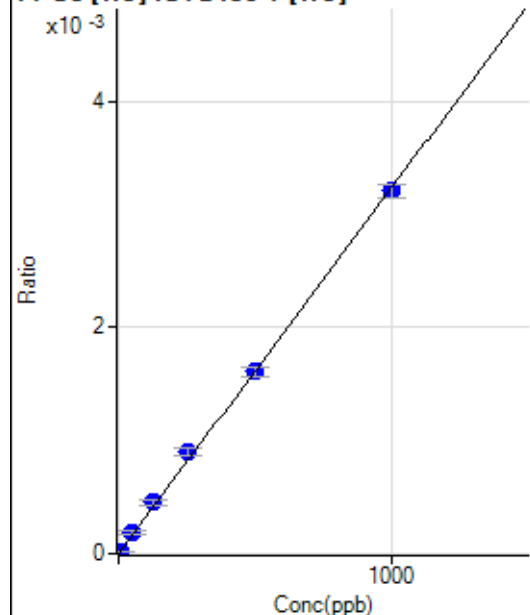
$$DL = 0.02577$$

$$BEC = 0.02478$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.786	16.67	0.0000	P	20.7
3	☐	50.000	56.749	197.78	0.0002	P	21.8
4	☐	125.000	140.335	483.35	0.0005	P	9.3
5	☐	250.000	278.911	951.15	0.0009	P	6.0
6	☐	500.000	497.246	1697.90	0.0016	P	5.6
7	☐	1000.000	991.896	3530.48	0.0032	P	3.9
8	☐			5.56	0.0000	P	34.6

$$y = 3.2375\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

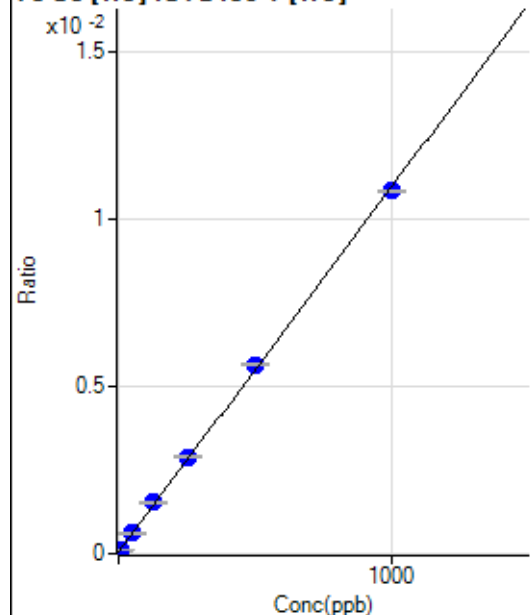
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.01	0.0000	P	10.6
2	☐	5.000	5.440	114.34	0.0001	P	16.4
3	☐	50.000	51.442	654.42	0.0006	P	6.8
4	☐	125.000	136.596	1634.26	0.0015	P	4.3
5	☐	250.000	261.405	3051.65	0.0029	P	2.4
6	☐	500.000	512.494	5944.19	0.0056	P	1.1
7	☐	1000.000	989.378	11915.57	0.0108	P	0.4
8	☐			62.34	0.0001	P	9.7

$$y = 1.0905\text{E-}005 * x + 4.7025\text{E-}005$$

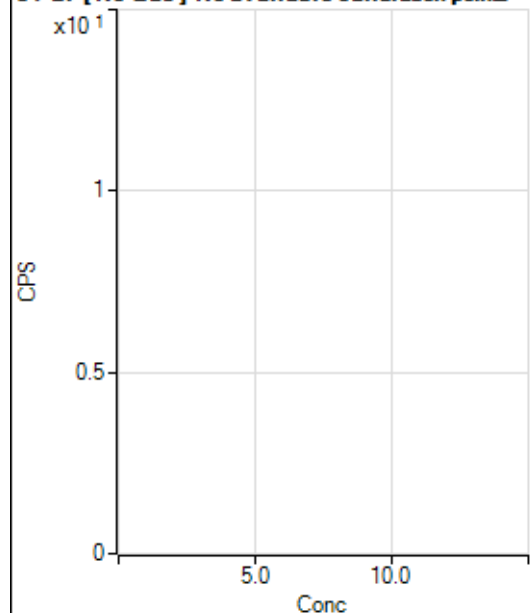
$$R = 0.9998$$

$$DL = 1.369$$

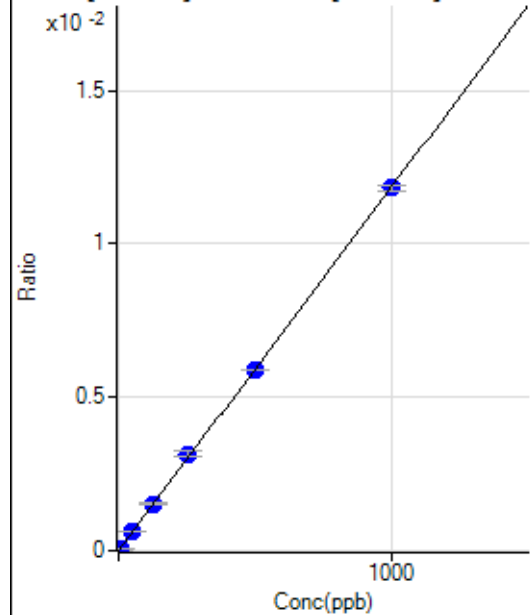
$$BEC = 4.312$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35415.36		P	3.7
2	☐			35127.38		P	3.7
3	☐			34642.28		P	4.6
4	☐			33555.02		P	3.2
5	☐			32920.23		P	2.6
6	☐			30481.36		P	1.5
7	☐			32755.86		P	5.5
8	☐			34247.07		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.24	0.0000	P	14.3
2	☐	5.000	4.767	654.12	0.0001	P	10.2
3	☐	50.000	53.170	6864.79	0.0006	P	2.7
4	☐	125.000	128.623	16853.51	0.0015	P	2.1
5	☐	250.000	264.955	32951.13	0.0031	P	6.5
6	☐	500.000	495.695	64057.27	0.0059	P	0.1
7	☐	1000.000	997.803	128725.67	0.0118	P	1.9
8	☐			249.56	0.0000	P	9.5

$$y = 1.1851E-005 * x + 2.9005E-006$$

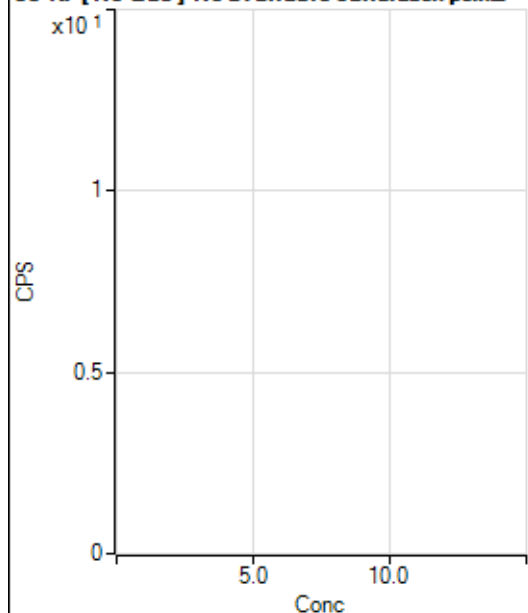
$$R = 0.9999$$

$$DL = 0.1051$$

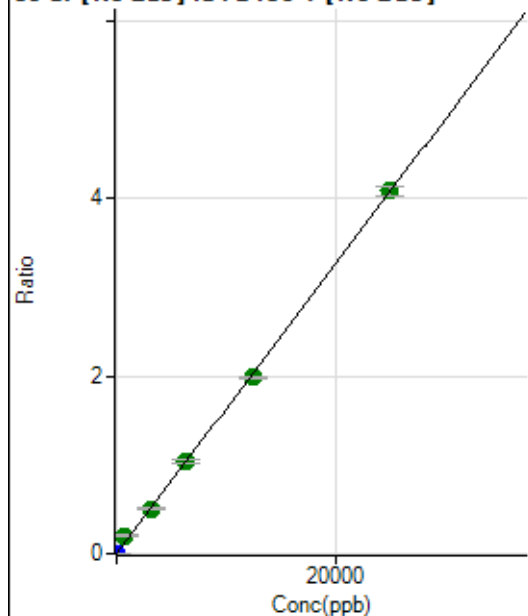
$$BEC = 0.2447$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			420.37		P	0.9
2	☐			427.04		P	8.1
3	☐			418.29		P	1.8
4	☐			415.79		P	7.8
5	☐			401.21		P	7.2
6	☐			427.87		P	6.2
7	☐			430.79		P	4.9
8	☐			436.62		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	672.26	0.0001	P	5.1
2	☐	1.000	0.889	2280.80	0.0002	P	6.8
3	☐	625.000	1259.928	2224099.36	0.2051	A	3.7
4	☐	3125.000	3120.364	5604556.99	0.5079	A	0.4
5	☐	6250.000	6419.319	10960381.67	1.0447	A	4.9
6	☐	12500.000	12196.287	21632220.10	1.9849	A	1.7
7	☐	25000.000	25094.233	44448282.25	4.0839	A	2.4
8	☐			17214.91	0.0016	P	2.8

$$y = 1.6274E-004 * x + 6.2336E-005$$

$$R = 0.9995$$

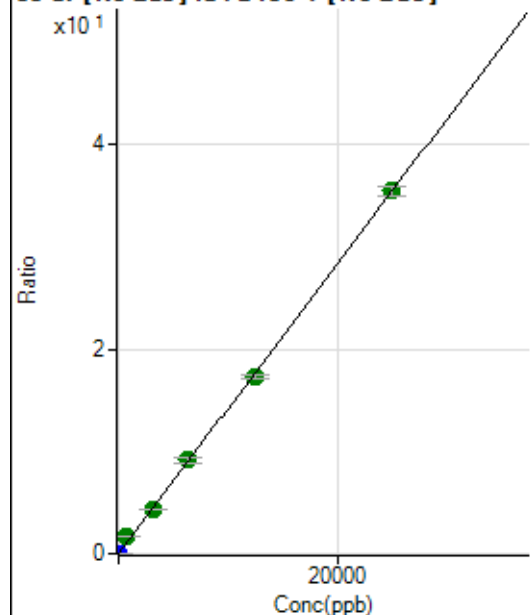
$$DL = 0.05818$$

$$BEC = 0.383$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	42.8
2	☐	1.000	0.940	14786.01	0.0013	P	5.5
3	☐	625.000	1221.591	18735479.76	1.7273	A	1.2
4	☐	3125.000	3053.351	47638641.69	4.3174	A	2.5
5	☐	6250.000	6481.822	96140080.62	9.1651	A	5.6
6	☐	12500.000	12217.561	188279980.6	17.2752	A	1.6
7	☐	25000.000	25077.305	385891572.5	35.4585	A	2.4
8	☐			145159.52	0.0131	P	6.2

$$y = 0.0014 * x + 1.1307E-005$$

$$R = 0.9996$$

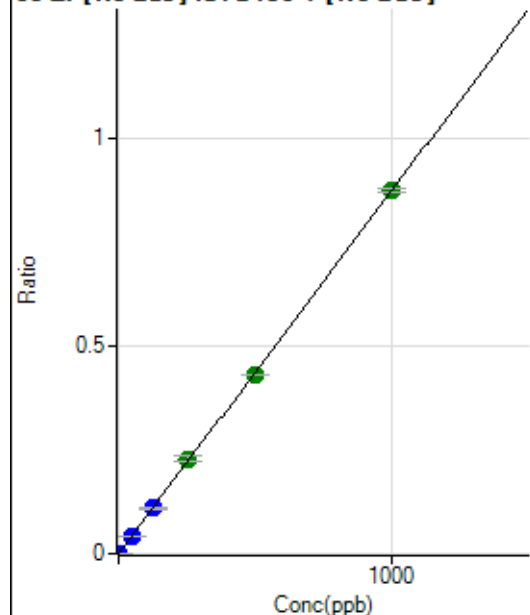
$$DL = 0.01026$$

$$BEC = 0.007997$$

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	325.01	0.0000	P	14.7
2	☐	1.000	0.932	9297.82	0.0008	P	2.8
3	☐	50.000	49.704	470187.48	0.0433	P	0.9
4	☐	125.000	125.070	1203078.74	0.1090	P	2.1
5	☐	250.000	261.914	2392120.93	0.2283	A	7.7
6	☐	500.000	493.755	4689824.06	0.4303	A	0.6
7	☐	1000.000	1000.150	9487200.56	0.8716	A	1.1
8	☐			3550.60	0.0003	P	5.2

$$y = 8.7145E-004 * x + 3.0143E-005$$

$$R = 0.9999$$

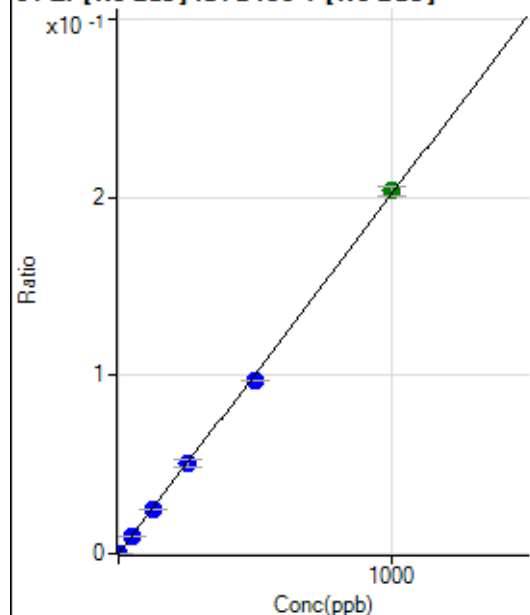
$$DL = 0.01521$$

$$BEC = 0.03459$$

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	69.45	0.0000	P	40.9
2	☐	1.000	0.856	1975.19	0.0002	P	5.6
3	☐	50.000	49.468	108274.30	0.0100	P	1.4
4	☐	125.000	121.523	270520.48	0.0245	P	1.1
5	☐	250.000	252.932	534629.20	0.0510	P	7.7
6	☐	500.000	480.606	1056378.92	0.0969	P	0.4
7	☐	1000.000	1009.425	2215382.43	0.2036	A	2.6
8	☐			713.93	0.0001	P	16.6

$$y = 2.0166\text{E-}004 * x + 6.4145\text{E-}006$$

$$R = 0.9997$$

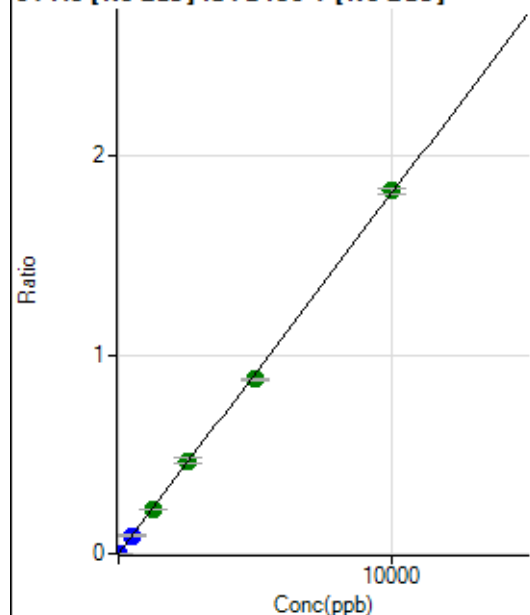
$$DL = 0.03898$$

$$BEC = 0.03181$$

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	35.5
2	☐	5.000	5.544	11204.85	0.0010	P	2.1
3	☐	500.000	500.736	983428.26	0.0907	P	2.6
4	☐	1250.000	1240.974	2479929.68	0.2247	A	1.0
5	☐	2500.000	2564.189	4868668.73	0.4643	A	6.1
6	☐	5000.000	4833.093	9537836.67	0.8751	A	1.5
7	☐	10000.000	10068.497	19841487.60	1.8231	A	1.4
8	☐			7680.27	0.0007	P	8.1

$$y = 1.8107\text{E-}004 * x + 1.2042\text{E-}005$$

$$R = 0.9998$$

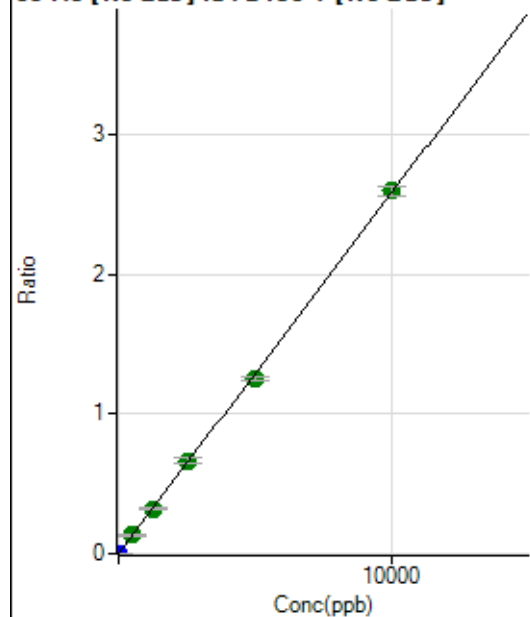
$$DL = 0.07082$$

$$BEC = 0.06651$$

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	11.11	0.0000	P	42.4
2	☐	5.000	4.760	13587.60	0.0012	P	4.9
3	☐	500.000	507.963	1425366.70	0.1314	A	2.7
4	☐	1250.000	1249.687	3567693.31	0.3233	A	2.9
5	☐	2500.000	2578.168	6992571.60	0.6670	A	6.9
6	☐	5000.000	4850.964	13678552.39	1.2551	A	1.2
7	☐	10000.000	10054.617	28307051.33	2.6014	A	2.9
8	☐			10041.05	0.0009	P	11.5

$$y = 2.5873\text{E-}004 * x + 1.0289\text{E-}006$$

$$R = 0.9998$$

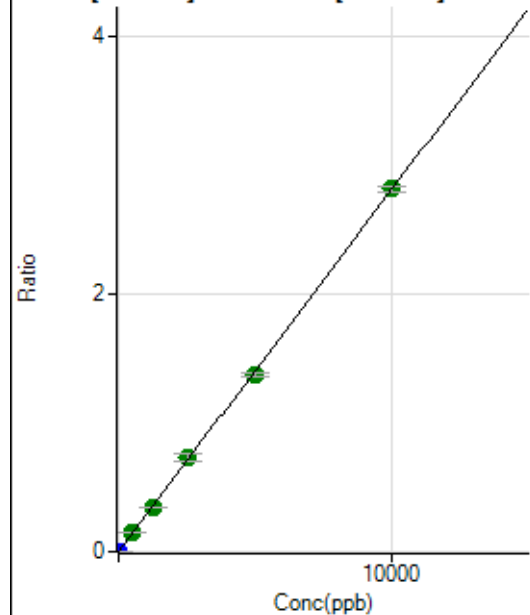
$$DL = 0.005058$$

$$BEC = 0.003977$$

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	119.45	0.0000	P	23.1
2	☐	5.000	4.724	14730.44	0.0013	P	3.9
3	☐	500.000	513.357	1561438.54	0.1440	A	2.4
4	☐	1250.000	1233.097	3816389.80	0.3458	A	1.7
5	☐	2500.000	2612.025	7678540.02	0.7326	A	7.3
6	☐	5000.000	4889.377	14944907.80	1.3713	A	1.5
7	☐	10000.000	10028.751	30611261.10	2.8127	A	1.4
8	☐			21882.07	0.0020	P	5.5

$$y = 2.8046\text{E-}004 * x + 1.1116\text{E-}005$$

$$R = 0.9998$$

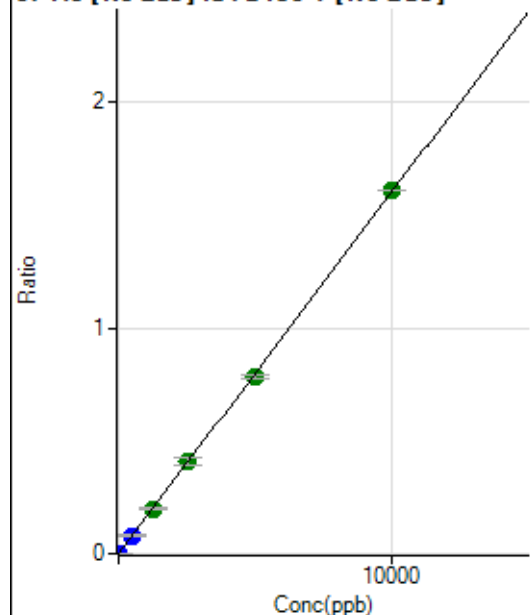
$$DL = 0.0275$$

$$BEC = 0.03964$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	101.
2	☐	5.000	4.655	8233.19	0.0007	P	5.4
3	☐	500.000	502.343	872460.92	0.0805	P	2.8
4	☐	1250.000	1236.057	2184773.64	0.1980	A	3.2
5	☐	2500.000	2556.125	4291097.75	0.4094	A	7.1
6	☐	5000.000	4890.028	8535143.85	0.7832	A	2.1
7	☐	10000.000	10042.581	17506518.97	1.6083	A	0.1
8	☐			6051.55	0.0005	P	3.9

$$y = 1.6015E-004 * x + 7.8655E-007$$

$$R = 0.9999$$

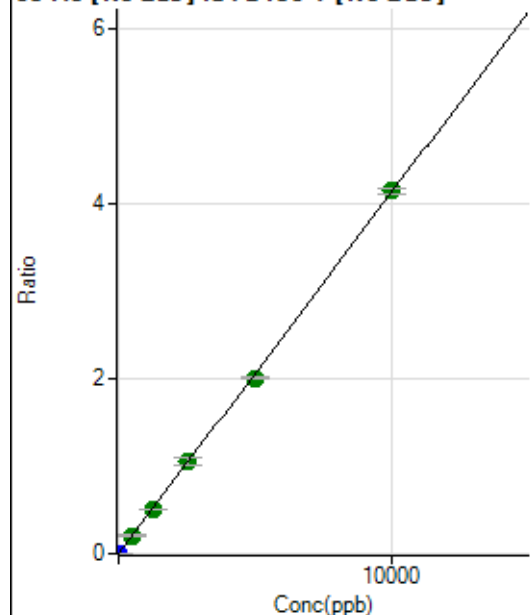
$$DL = 0.01493$$

$$BEC = 0.004911$$

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	19.44	0.0000	P	97.4
2	☐	5.000	4.597	20941.34	0.0019	P	1.8
3	☐	500.000	502.417	2248127.65	0.2073	A	2.6
4	☐	1250.000	1238.167	5637579.90	0.5109	A	1.0
5	☐	2500.000	2570.816	11114402.77	1.0607	A	7.9
6	☐	5000.000	4871.676	21906674.10	2.0101	A	0.9
7	☐	10000.000	10047.817	45117765.25	4.1457	A	1.7
8	☐			14863.14	0.0013	P	7.1

$$y = 4.1260E-004 * x + 1.7849E-006$$

$$R = 0.9999$$

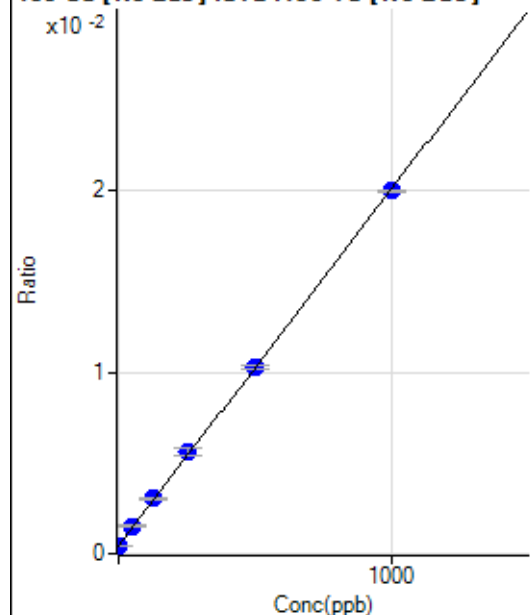
$$DL = 0.01264$$

$$BEC = 0.004326$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3344.94	0.0004	P	2.6
2	☐	1.000	1.802	3725.61	0.0005	P	4.0
3	☐	50.000	55.070	12116.77	0.0015	P	3.3
4	☐	125.000	131.857	24188.45	0.0030	P	2.7
5	☐	250.000	265.453	44826.52	0.0056	P	8.1
6	☐	500.000	500.503	81791.28	0.0103	P	2.6
7	☐	1000.000	994.773	163041.96	0.0200	P	0.7
8	☐			3153.22	0.0004	P	3.2

$$y = 1.9641\text{E-}005 * x + 4.2956\text{E-}004$$

$$R = 0.9999$$

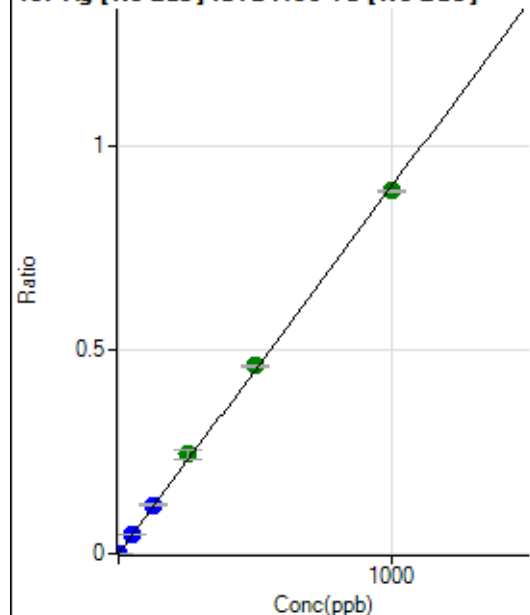
$$DL = 1.682$$

$$BEC = 21.87$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	27.3
2	☐	1.000	0.975	7132.56	0.0009	P	3.3
3	☐	50.000	53.279	384604.84	0.0479	P	2.1
4	☐	125.000	133.397	961672.20	0.1200	P	0.8
5	☐	250.000	269.914	1928788.76	0.2429	A	8.7
6	☐	500.000	511.559	3669646.57	0.4603	A	1.1
7	☐	1000.000	988.028	7258798.34	0.8889	A	0.8
8	☐			3603.35	0.0004	P	4.0

$$y = 8.9970\text{E-}004 * x + 1.2480\text{E-}005$$

$$R = 0.9997$$

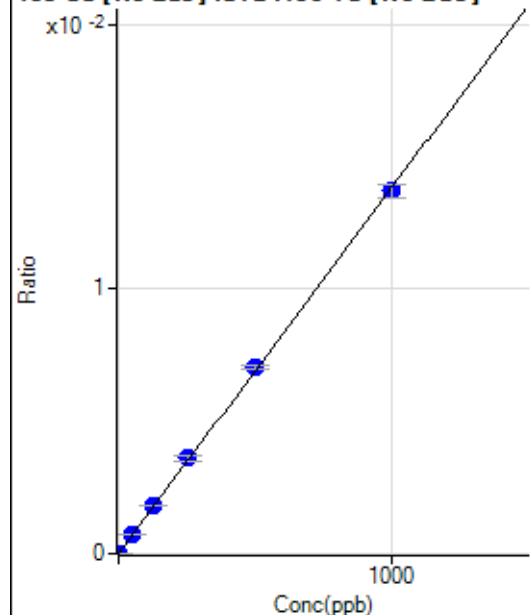
$$DL = 0.01136$$

$$BEC = 0.01387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.05	0.0000	P	47.9
2	☐	1.000	1.023	131.95	0.0000	P	3.5
3	☐	50.000	54.445	6055.56	0.0008	P	1.7
4	☐	125.000	129.987	14414.60	0.0018	P	0.4
5	☐	250.000	260.844	28682.68	0.0036	P	5.6
6	☐	500.000	508.443	56052.54	0.0070	P	2.2
7	☐	1000.000	992.222	111967.99	0.0137	P	3.8
8	☐			86.11	0.0000	P	24.0

$$y = 1.3824\text{E-}005 * x + 2.3158\text{E-}006$$

$$R = 0.9999$$

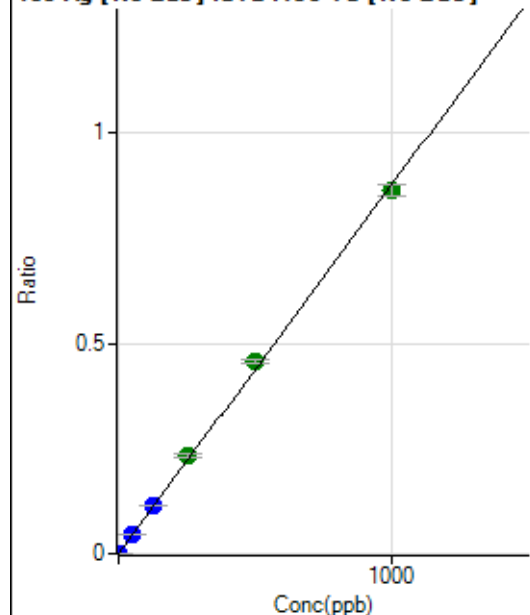
$$DL = 0.2409$$

$$BEC = 0.1675$$

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	41.67	0.0000	P	53.3
2	☐	1.000	0.986	6960.28	0.0009	P	3.7
3	☐	50.000	53.239	373831.98	0.0466	P	2.1
4	☐	125.000	130.265	913732.63	0.1141	P	0.3
5	☐	250.000	265.016	1845602.12	0.2320	A	4.0
6	☐	500.000	522.591	3648279.55	0.4575	A	1.7
7	☐	1000.000	984.131	7032717.17	0.8616	A	3.2
8	☐			3575.60	0.0004	P	6.3

$$y = 8.7549\text{E-}004 * x + 5.3650\text{E-}006$$

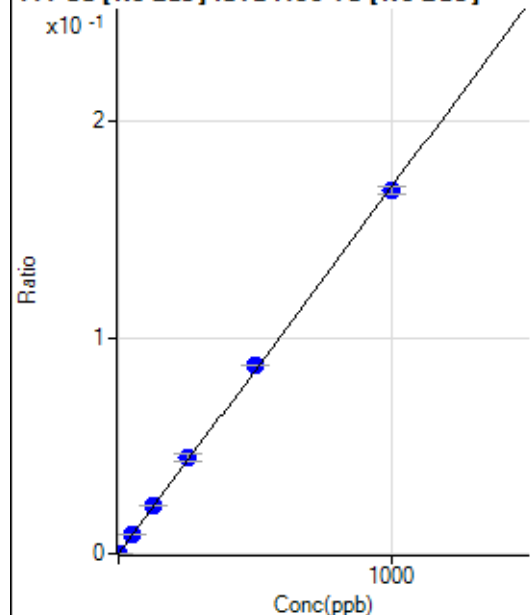
$$R = 0.9995$$

$$DL = 0.009802$$

$$BEC = 0.006128$$

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	330.19	0.0000	P	2.2
2	☐	1.000	1.051	1767.80	0.0002	P	0.2
3	☐	50.000	53.223	72674.28	0.0091	P	2.8
4	☐	125.000	131.295	178629.14	0.0223	P	0.4
5	☐	250.000	260.844	351623.59	0.0443	P	7.0
6	☐	500.000	513.870	694753.82	0.0871	P	1.0
7	☐	1000.000	989.406	1369370.71	0.1677	P	2.1
8	☐			885.62	0.0001	P	3.4

$$y = 1.6949\text{E-}004 * x + 4.2407\text{E-}005$$

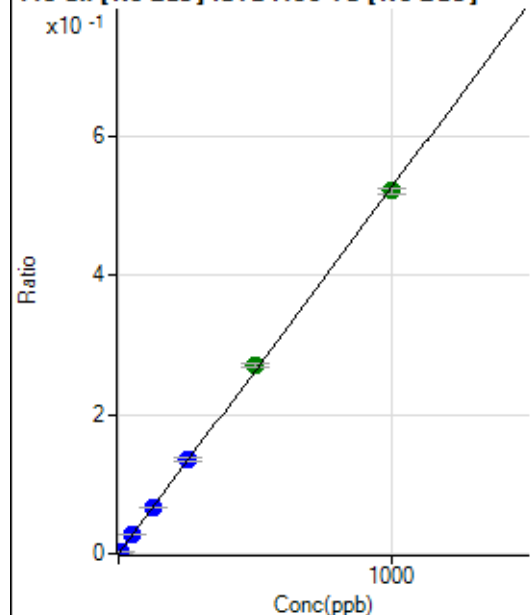
$$R = 0.9998$$

$$DL = 0.01679$$

$$BEC = 0.2502$$

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	588.93	0.0001	P	15.9
2	☐	5.000	4.735	20563.31	0.0026	P	4.8
3	☐	50.000	51.398	217398.84	0.0271	P	1.7
4	☐	125.000	126.794	534939.53	0.0668	P	1.7
5	☐	250.000	257.804	1078625.64	0.1357	P	5.5
6	☐	500.000	513.216	2152569.32	0.2700	A	1.6
7	☐	1000.000	991.148	4256658.51	0.5214	A	1.3
8	☐			5810.08	0.0007	P	6.3

$$y = 5.2594\text{E-}004 * x + 7.5632\text{E-}005$$

$$R = 0.9998$$

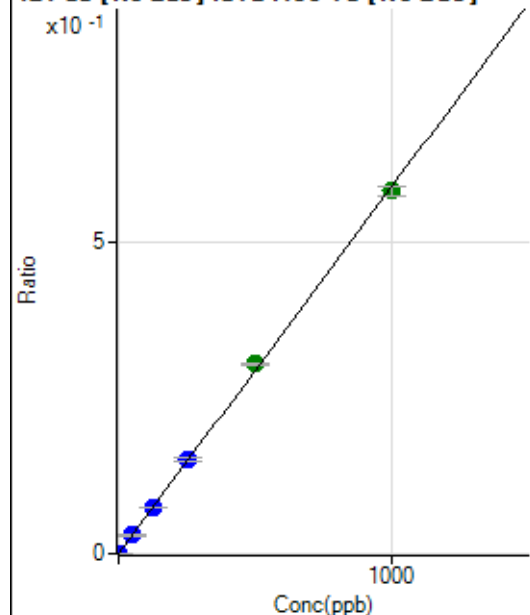
$$DL = 0.06871$$

$$BEC = 0.1438$$

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	22.22	0.0000	P	21.2
2	☐	2.000	1.854	8769.73	0.0011	P	2.1
3	☐	50.000	50.014	236140.88	0.0294	P	2.6
4	☐	125.000	125.965	594203.45	0.0742	P	1.2
5	☐	250.000	257.994	1208150.53	0.1519	P	4.1
6	☐	500.000	516.791	2426133.28	0.3043	A	1.0
7	☐	1000.000	989.485	4756017.47	0.5826	A	2.4
8	☐			2864.33	0.0004	P	12.9

$$y = 5.8875\text{E-}004 * x + 2.8520\text{E-}006$$

$$R = 0.9997$$

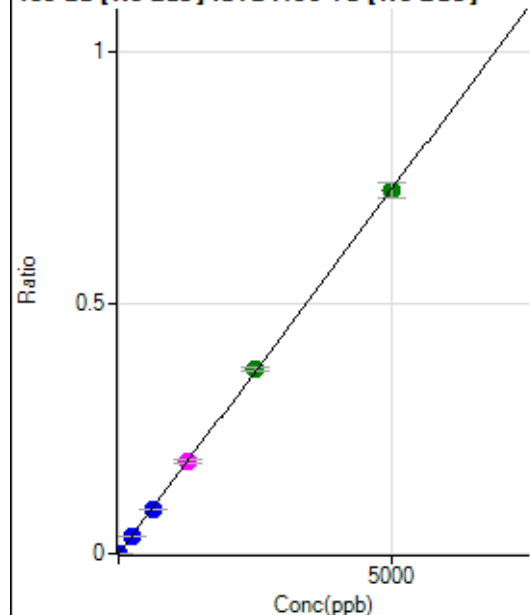
$$DL = 0.003084$$

$$BEC = 0.004844$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	10.000	9.209	10729.57	0.0013	P	1.2
3	☐	250.000	243.078	283238.47	0.0353	P	2.4
4	☐	625.000	614.474	715396.06	0.0893	P	1.2
5	☐	1250.000	1277.254	1476843.52	0.1856	M	3.7
6	☐	2500.000	2529.684	2931415.67	0.3676	A	1.8
7	☐	5000.000	4980.008	5908164.24	0.7236	A	4.2
8	☐			3631.16	0.0004	P	2.6

$$y = 1.4531\text{E-}004 * x + 7.1247\text{E-}007$$

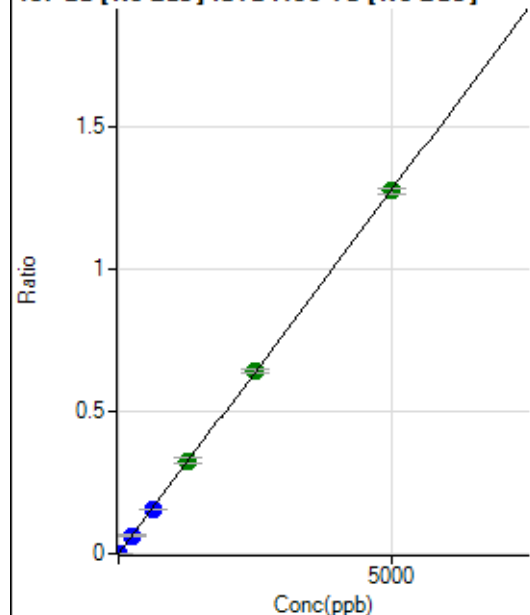
$$R = 0.9999$$

$$DL = 0.01274$$

$$BEC = 0.004903$$

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	11.11	0.0000	P	42.6
2	☐	10.000	9.043	18488.25	0.0023	P	2.0
3	☐	250.000	250.026	511140.62	0.0638	P	3.4
4	☐	625.000	611.703	1249553.72	0.1560	P	1.9
5	☐	1250.000	1280.816	2595946.82	0.3266	A	5.7
6	☐	2500.000	2508.007	5097906.71	0.6395	A	2.4
7	☐	5000.000	4989.955	10386965.25	1.2723	A	1.9
8	☐			6824.18	0.0008	P	2.3

$$y = 2.5497E-004 * x + 1.4240E-006$$

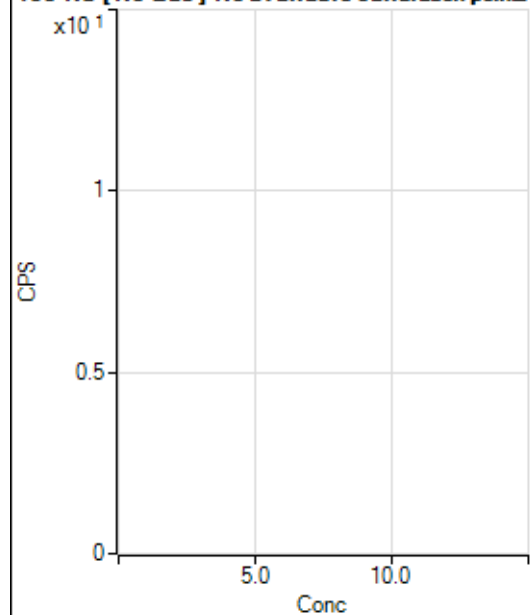
$$R = 1.0000$$

$$DL = 0.007132$$

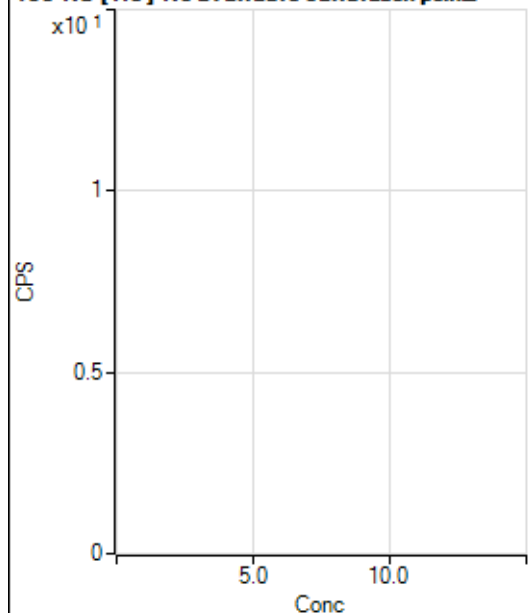
$$BEC = 0.005585$$

Weight: <None>

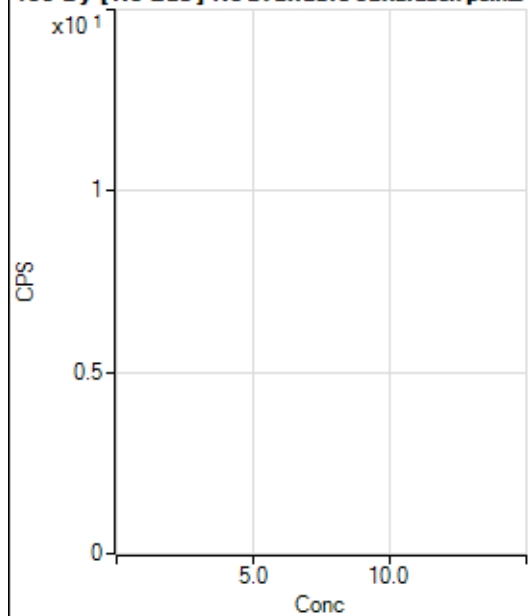
Min Conc: 0

150 Nd [No Gas] No available calibration points

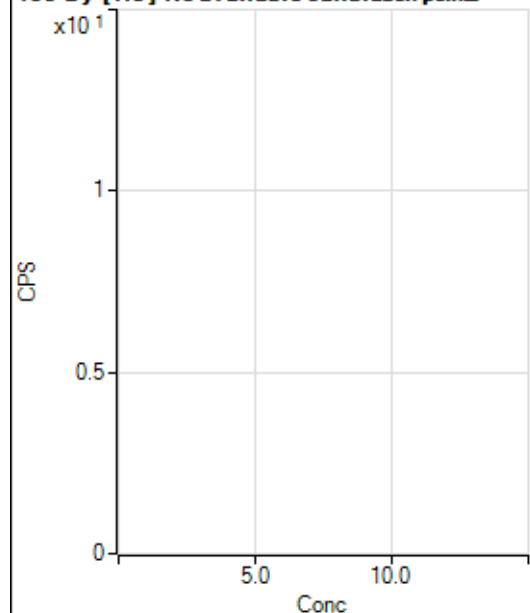
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	100.
3	☐			22.22		P	75.5
4	☐			62.22		P	12.4
5	☐			88.89		P	41.3
6	☐			195.56		P	15.7
7	☐			406.68		P	12.4
8	☐			75.56		P	39.8

150 Nd [He] No available calibration points

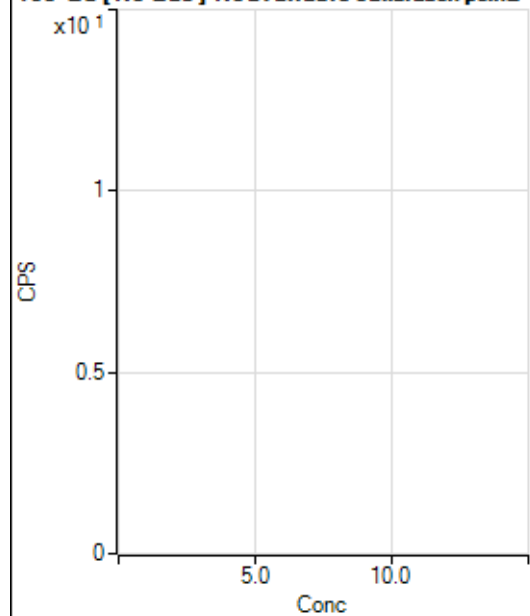
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			1.11		P	173.
3	☐			2.22		P	173.
4	☐			3.33		P	100.
5	☐			5.56		P	34.7
6	☐			6.67		P	0.0
7	☐			17.78		P	43.3
8	☐			17.78		P	28.6

156 Dy [No Gas] No available calibration points

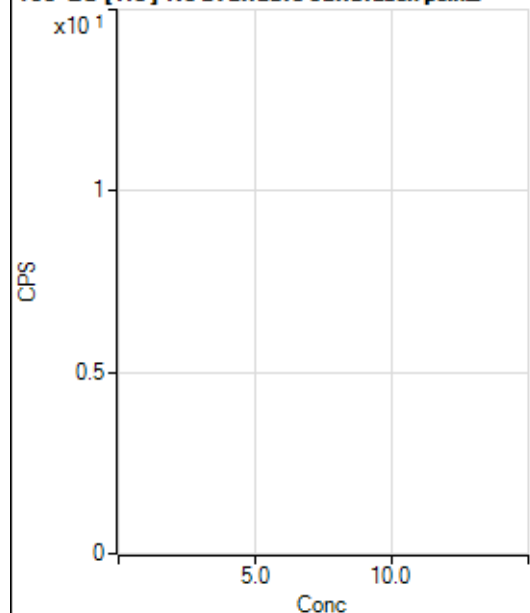
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			8.33		P	0.0
3	☐			22.22		P	86.6
4	☐			38.89		P	24.7
5	☐			94.45		P	31.0
6	☐			116.67		P	12.4
7	☐			333.35		P	5.0
8	☐			1058.40		P	5.9

156 Dy [He] No available calibration points

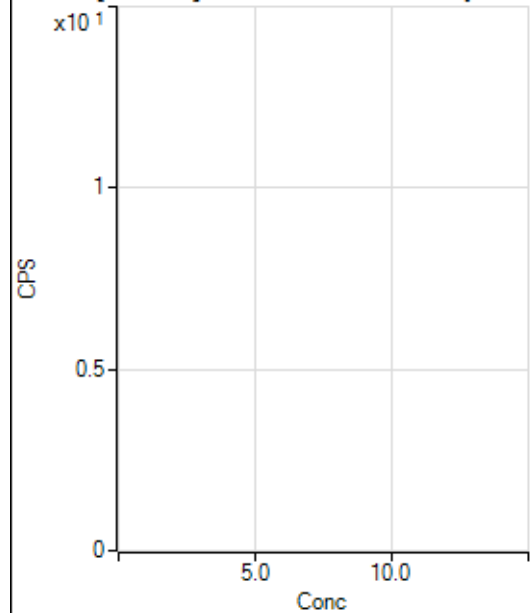
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			5.55		P	69.3
4	☐			11.11		P	96.4
5	☐			24.45		P	28.4
6	☐			72.22		P	17.5
7	☐			136.67		P	12.2
8	☐			500.01		P	9.4

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

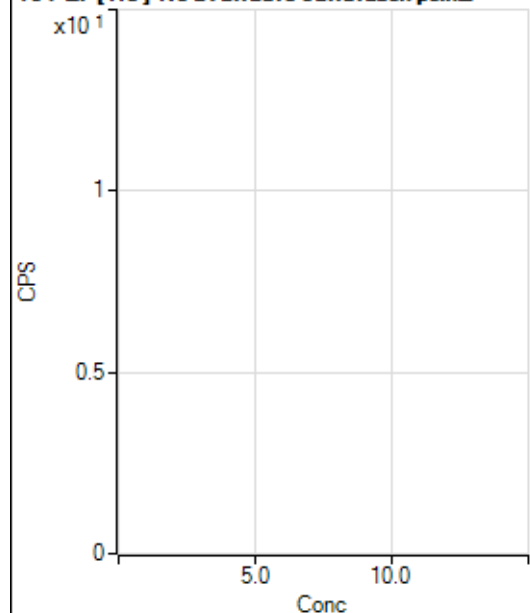
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	15.8
2	☐			55.56		P	31.2
3	☐			50.00		P	33.3
4	☐			125.00		P	24.0
5	☐			113.89		P	15.2
6	☐			172.23		P	10.1
7	☐			280.57		P	22.7
8	☐			1225.09		P	13.4

160 Gd [He] No available calibration points

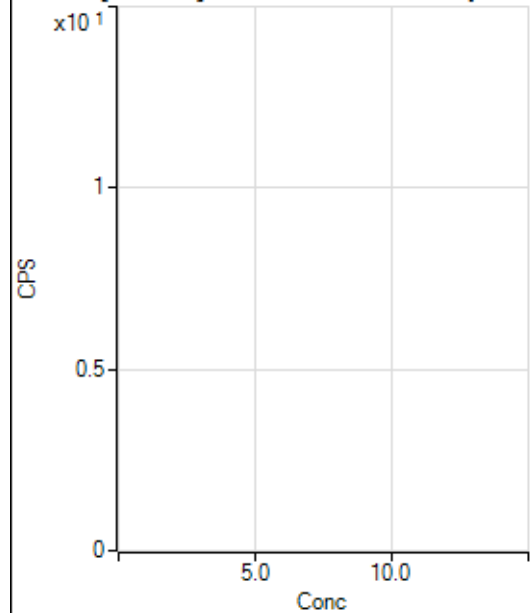
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			85.55		P	4.5
2	☐			87.78		P	11.6
3	☐			93.33		P	30.5
4	☐			108.89		P	22.1
5	☐			115.56		P	14.2
6	☐			161.11		P	11.8
7	☐			197.78		P	21.9
8	☐			595.58		P	9.9

164 Er [No Gas] No available calibration points

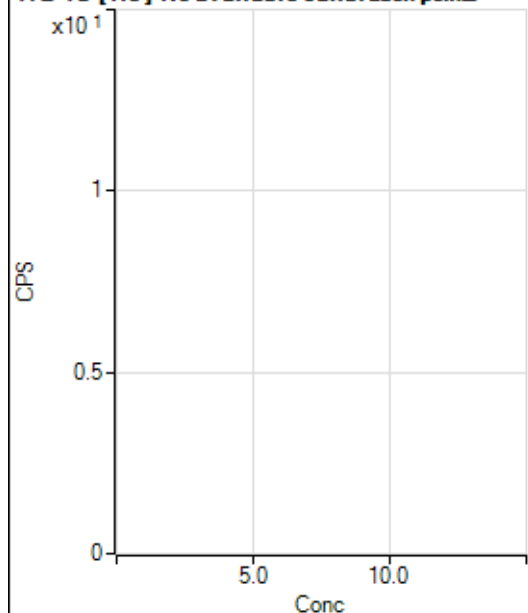
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	90.1
2	☐			55.56		P	45.8
3	☐			44.45		P	28.7
4	☐			33.33		P	86.6
5	☐			30.56		P	56.8
6	☐			47.22		P	27.0
7	☐			55.56		P	45.8
8	☐			83.34		P	43.6

164 Er [He] No available calibration points

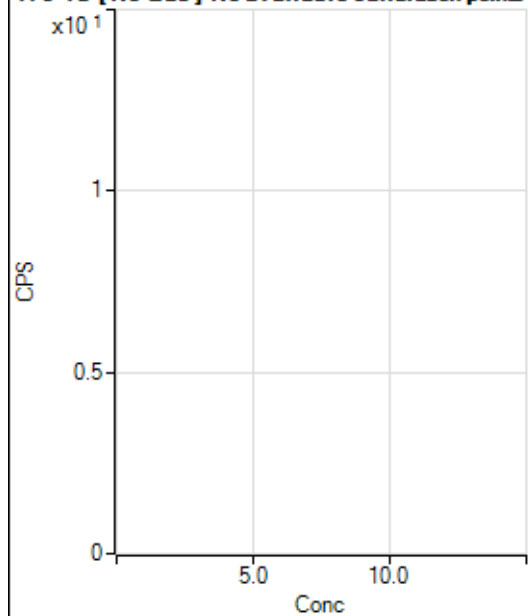
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐			11.11		P	34.6
3	☐			6.67		P	50.0
4	☐			17.78		P	39.0
5	☐			11.11		P	91.7
6	☐			21.11		P	32.9
7	☐			22.22		P	45.8
8	☐			30.00		P	19.2

172 Yb [No Gas] No available calibration points

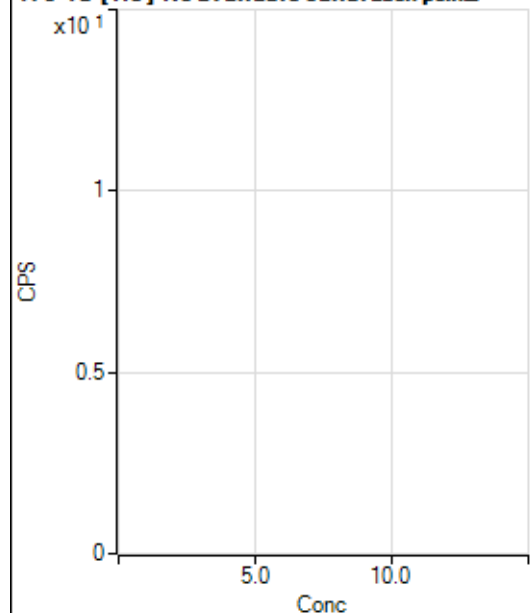
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	43.3
2	☐			30.56		P	31.5
3	☐			41.67		P	20.0
4	☐			75.00		P	19.3
5	☐			77.78		P	16.4
6	☐			77.78		P	16.4
7	☐			127.78		P	24.7
8	☐			383.35		P	2.2

172 Yb [He] No available calibration points

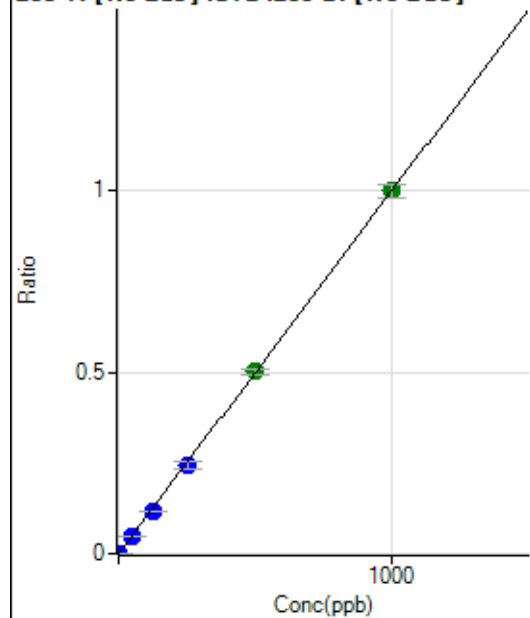
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	78.7
2	☐			22.22		P	43.3
3	☐			16.67		P	33.3
4	☐			9.26		P	34.6
5	☐			18.52		P	45.8
6	☐			25.93		P	75.2
7	☐			55.56		P	45.8
8	☐			177.78		P	22.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1263.98		P	9.0
2	☐			1336.21		P	12.8
3	☐			2125.23		P	5.2
4	☐			3770.09		P	2.8
5	☐			6073.79		P	3.6
6	☐			10443.26		P	1.6
7	☐			20138.16		P	5.1
8	☐			1391.78		P	3.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7493.01		P	4.1
2	☐			7585.65		P	4.7
3	☐			7587.53		P	6.5
4	☐			8117.47		P	3.1
5	☐			9318.26		P	3.0
6	☐			11295.78		P	2.0
7	☐			15179.33		P	1.3
8	☐			8063.74		P	2.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	25.6
2	☐	1.000	0.827	3981.29	0.0008	P	6.4
3	☐	50.000	47.857	222618.30	0.0478	P	1.5
4	☐	125.000	116.015	558608.31	0.1158	P	2.6
5	☐	250.000	244.150	1133243.97	0.2438	P	7.8
6	☐	500.000	503.224	2376117.33	0.5024	A	3.2
7	☐	1000.000	1001.081	4736061.91	0.9994	A	3.4
8	☐			1347.36	0.0003	P	18.9

$$y = 9.9834E-004 * x + 8.2761E-006$$

$$R = 0.9999$$

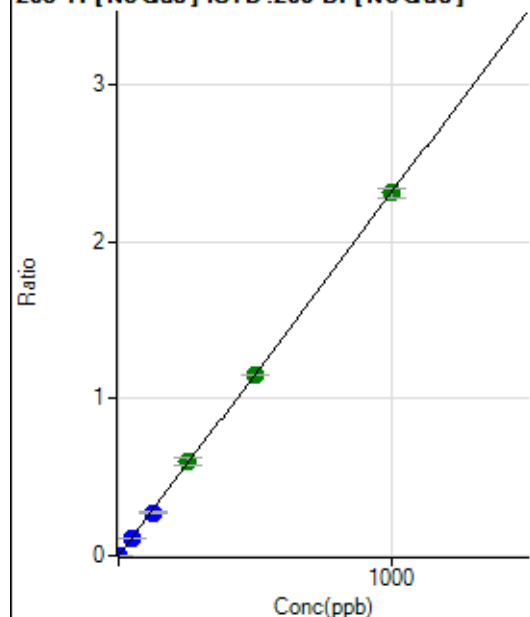
$$DL = 0.006371$$

$$BEC = 0.00829$$

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	105.56	0.0000	P	16.3
2	☐	1.000	0.891	9965.24	0.0021	P	7.5
3	☐	50.000	49.360	532627.99	0.1143	P	1.5
4	☐	125.000	119.110	1330587.10	0.2759	P	2.6
5	☐	250.000	260.374	2803158.98	0.6031	A	8.3
6	☐	500.000	498.033	5457981.68	1.1536	A	0.8
7	☐	1000.000	999.158	10967418.47	2.3143	A	3.0
8	☐			3089.39	0.0007	P	7.0

$$y = 0.0023 * x + 2.2431E-005$$

$$R = 0.9999$$

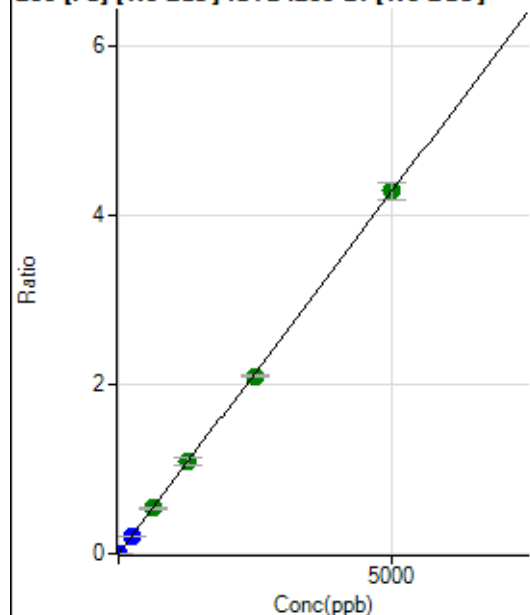
$$DL = 0.004734$$

$$BEC = 0.009684$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	666.70	0.0001	P	9.0
2	☐	1.000	0.812	3989.57	0.0008	P	4.8
3	☐	250.000	237.714	946460.86	0.2032	P	0.4
4	☐	625.000	625.174	2575584.52	0.5341	A	4.3
5	☐	1250.000	1276.303	5067355.73	1.0903	A	8.4
6	☐	2500.000	2458.024	9932738.07	2.0996	A	2.0
7	☐	5000.000	5015.005	20296905.55	4.2837	A	4.5
8	☐			6196.19	0.0015	P	14.8

$$y = 8.5414E-004 * x + 1.4165E-004$$

$$R = 0.9999$$

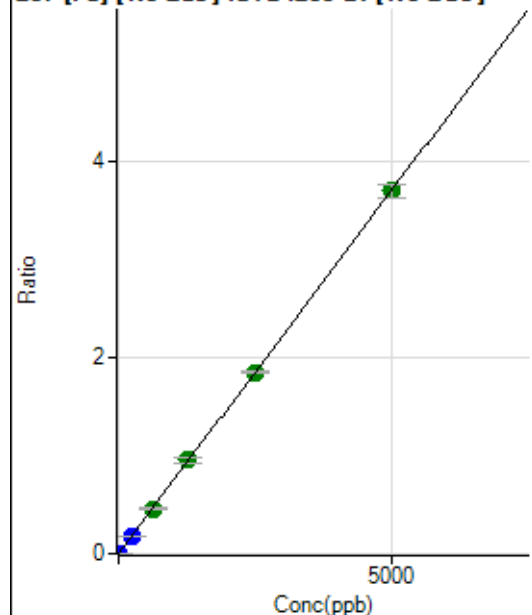
$$DL = 0.04488$$

$$BEC = 0.1658$$

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	574.10	0.0001	P	17.4
2	☐	1.000	0.804	3428.31	0.0007	P	1.6
3	☐	250.000	240.685	831450.81	0.1785	P	1.3
4	☐	625.000	614.388	2196545.36	0.4555	A	3.3
5	☐	1250.000	1287.212	4436869.40	0.9542	A	7.4
6	☐	2500.000	2491.490	8737393.71	1.8467	A	1.0
7	☐	5000.000	4996.745	17550511.16	3.7035	A	3.5
8	☐			5169.70	0.0012	P	4.8

$$y = 7.4117E-004 * x + 1.2191E-004$$

$$R = 1.0000$$

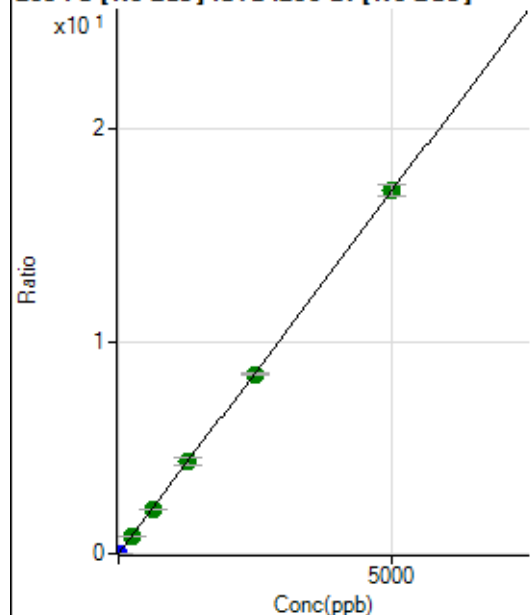
$$DL = 0.08579$$

$$BEC = 0.1645$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2653.86	0.0006	P	3.8
2	☐	1.000	0.831	16243.27	0.0034	P	0.8
3	☐	250.000	246.211	3918468.52	0.8412	A	1.5
4	☐	625.000	612.173	10082390.24	2.0908	A	3.6
5	☐	1250.000	1270.029	20170394.93	4.3370	A	6.9
6	☐	2500.000	2478.380	40038074.39	8.4629	A	1.3
7	☐	5000.000	5007.596	81030973.22	17.0988	A	3.1
8	☐			23852.15	0.0057	P	8.1

$$y = 0.0034 * x + 5.6392E-004$$

$$R = 1.0000$$

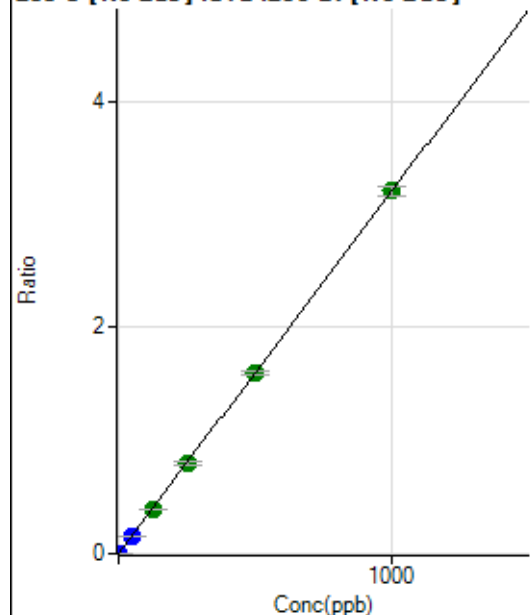
$$DL = 0.01903$$

$$BEC = 0.1652$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.9
2	☐	1.000	0.840	12870.84	0.0027	P	1.3
3	☐	50.000	47.337	706774.31	0.1517	P	0.4
4	☐	125.000	121.781	1882380.53	0.3903	A	2.7
5	☐	250.000	249.558	3721075.73	0.7999	A	6.2
6	☐	500.000	497.918	7550228.38	1.5959	A	2.5
7	☐	1000.000	1001.687	15217220.30	3.2105	A	2.6
8	☐			2028.33	0.0005	P	8.3

$$y = 0.0032 * x + 1.7706E-006$$

$$R = 1.0000$$

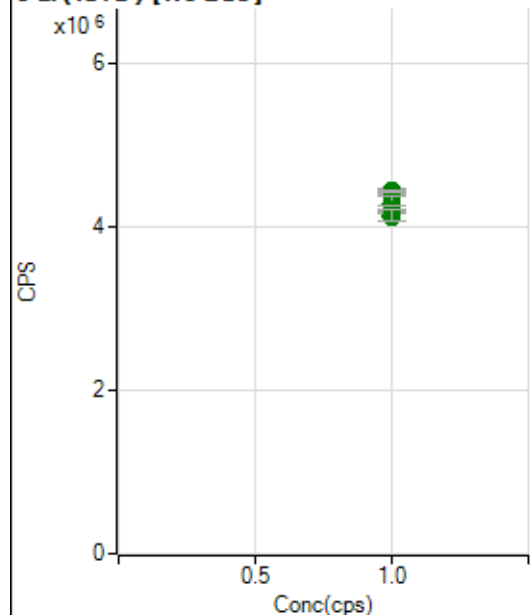
$$DL = 1.521E-05$$

$$BEC = 0.0005524$$

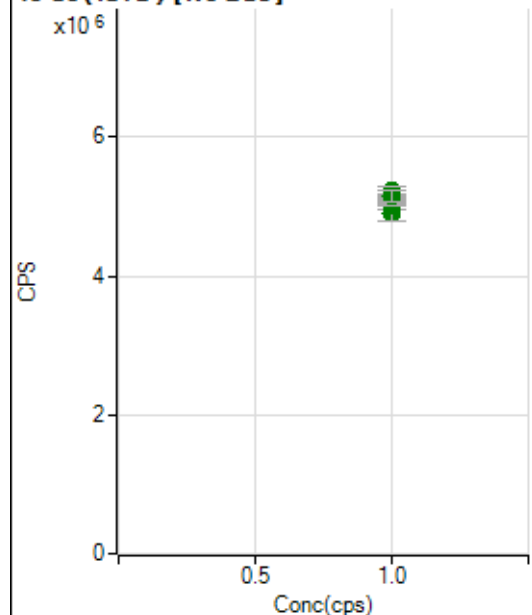
Weight: <None>

Min Conc: 0

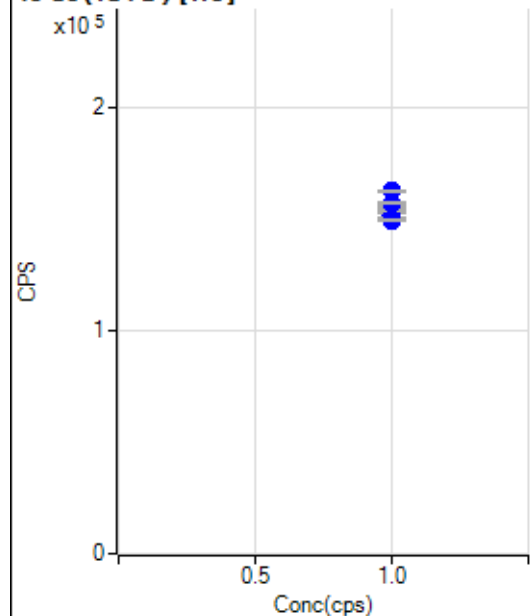
6 Li (ISTD) [No Gas]



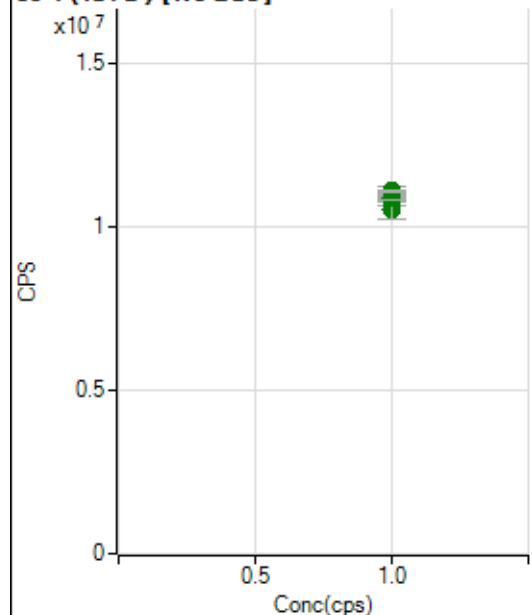
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4407926.05		A	1.6
2	☐	1.000		4415681.48		A	1.2
3	☐	1.000		4432294.93		A	1.4
4	☐	1.000		4435463.34		A	0.8
5	☐	1.000		4275066.40		A	4.5
6	☐	1.000		4213964.62		A	1.5
7	☐	1.000		4115323.25		A	1.8
8	☐	1.000		4146157.54		A	3.6

45 Sc (ISTD) [No Gas]

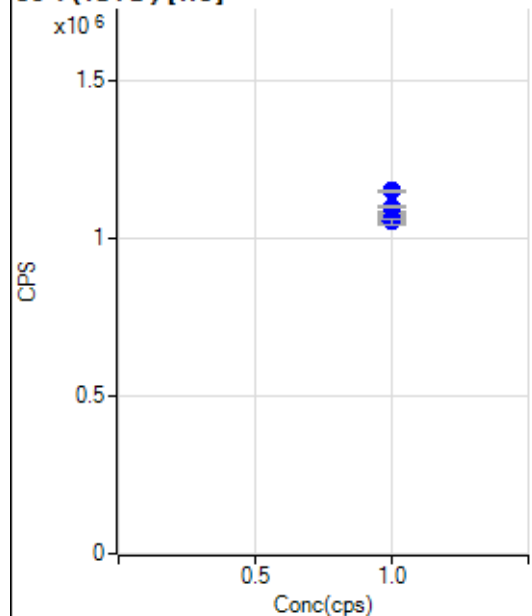
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5017081.62		A	2.2
2	☐	1.000		5049632.84		A	1.1
3	☐	1.000		5222830.51		A	2.2
4	☐	1.000		5132208.32		A	0.4
5	☐	1.000		4902394.65		A	4.5
6	☐	1.000		5024136.42		A	1.0
7	☐	1.000		5157148.05		A	2.4
8	☐	1.000		5152371.56		A	3.2

45 Sc (ISTD) [He]

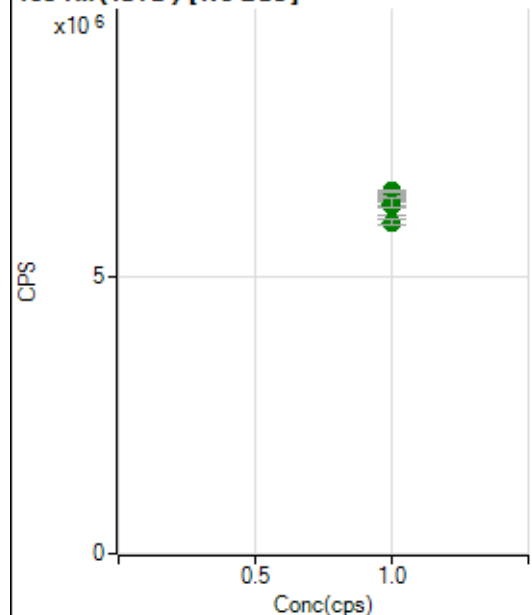
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		155696.85		P	0.8
2	☐	1.000		155071.76		P	1.2
3	☐	1.000		155109.38		P	1.0
4	☐	1.000		152390.42		P	1.1
5	☐	1.000		152010.86		P	2.3
6	☐	1.000		149675.57		P	0.7
7	☐	1.000		157664.25		P	0.5
8	☐	1.000		162994.38		P	0.5

89 Y (ISTD) [No Gas]

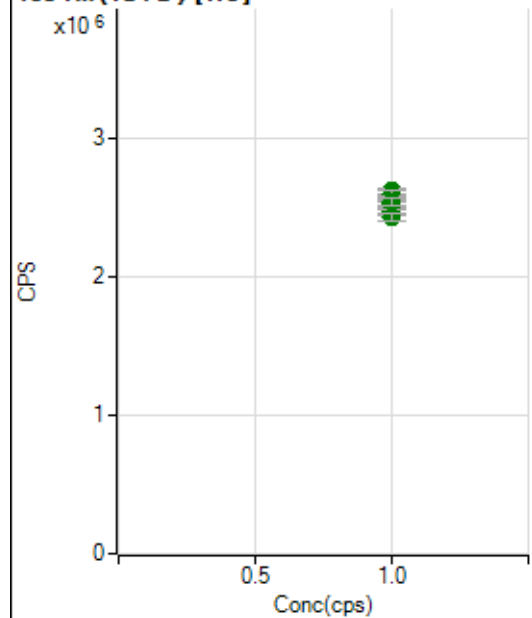
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10775097.97		A	2.6
2	☐	1.000		11034549.84		A	3.1
3	☐	1.000		10847602.06		A	2.0
4	☐	1.000		11035476.23		A	0.8
5	☐	1.000		10510454.71		A	5.9
6	☐	1.000		10898637.20		A	0.2
7	☐	1.000		10884832.54		A	1.7
8	☐	1.000		11083243.73		A	0.7

89 Y (ISTD) [He]

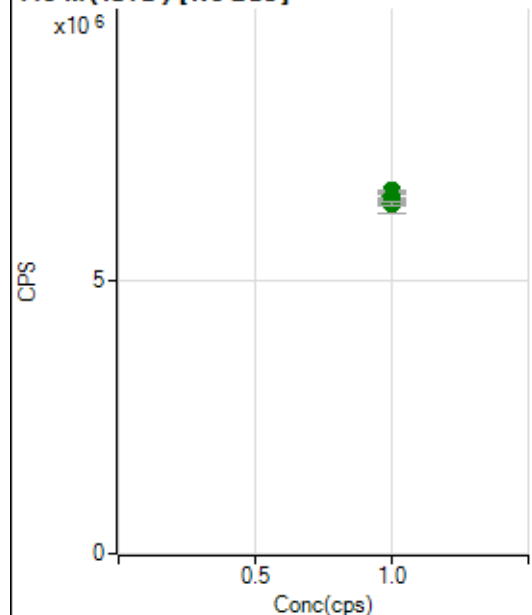
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1084811.09		P	0.2
2	☐	1.000		1076645.23		P	1.2
3	☐	1.000		1076289.78		P	0.6
4	☐	1.000		1063605.34		P	0.6
5	☐	1.000		1053032.68		P	1.0
6	☐	1.000		1054790.57		P	1.5
7	☐	1.000		1099582.54		P	0.7
8	☐	1.000		1151657.86		P	0.8

103 Rh (ISTD) [No Gas]

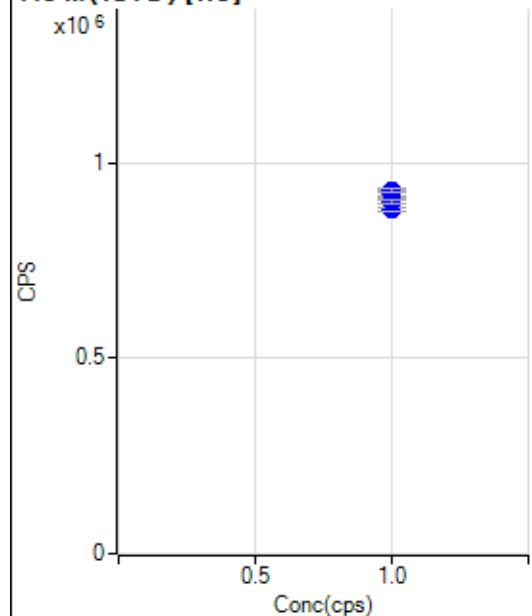
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6364470.54		A	2.5
2	☐	1.000		6482957.00		A	2.5
3	☐	1.000		6541629.84		A	0.9
4	☐	1.000		6556064.17		A	0.6
5	☐	1.000		6297211.43		A	5.8
6	☐	1.000		6304399.92		A	1.4
7	☐	1.000		6340474.23		A	2.3
8	☐	1.000		5979189.55		A	1.7

103 Rh (ISTD) [He]

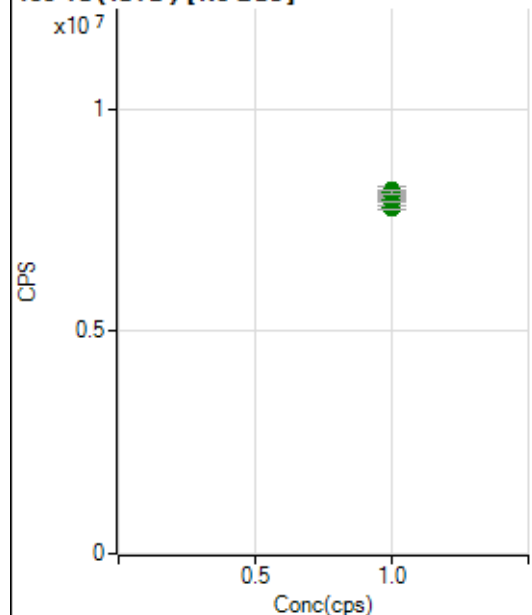
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2620519.92		A	1.4
2	☐	1.000		2531792.41		A	1.0
3	☐	1.000		2599930.86		A	1.6
4	☐	1.000		2505946.59		A	0.3
5	☐	1.000		2533507.67		A	1.6
6	☐	1.000		2466238.57		A	1.3
7	☐	1.000		2541242.13		A	2.4
8	☐	1.000		2430594.01		A	1.8

115 In (ISTD) [No Gas]

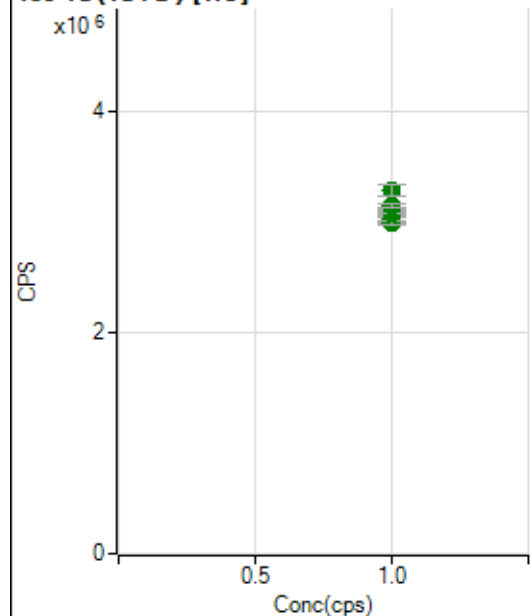
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6471387.27		A	3.2
2	☐	1.000		6443616.77		A	1.7
3	☐	1.000		6621296.32		A	0.9
4	☐	1.000		6518608.22		A	2.9
5	☐	1.000		6413804.42		A	5.9
6	☐	1.000		6476370.64		A	0.9
7	☐	1.000		6416434.41		A	1.8
8	☐	1.000		6386927.24		A	1.5

115 In (ISTD) [He]

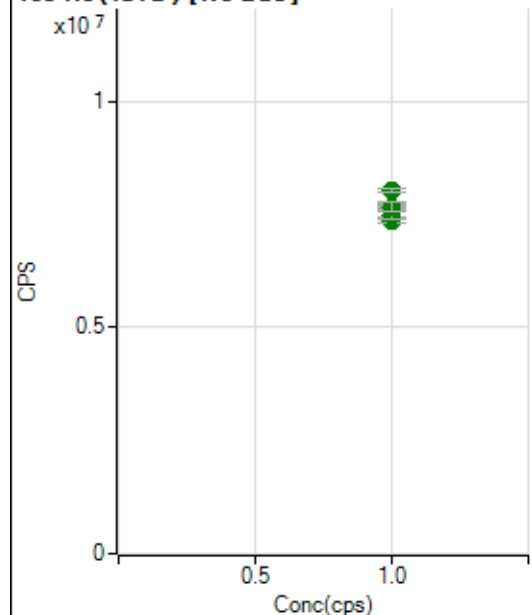
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		923020.07		P	1.3
2	☐	1.000		914523.57		P	0.4
3	☐	1.000		911740.04		P	0.2
4	☐	1.000		886457.06		P	0.5
5	☐	1.000		896058.62		P	1.8
6	☐	1.000		883388.13		P	1.2
7	☐	1.000		901574.97		P	1.0
8	☐	1.000		929058.12		P	0.9

159 Tb (ISTD) [No Gas]

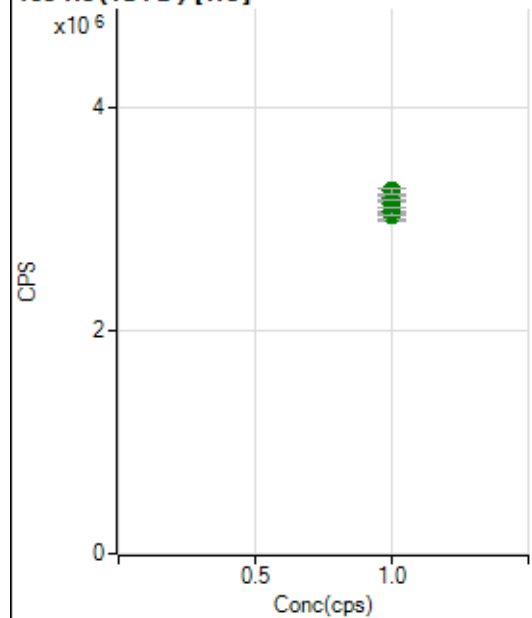
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7786721.97		A	0.7
2	☐	1.000		8014580.57		A	0.8
3	☐	1.000		8021827.38		A	2.4
4	☐	1.000		8011697.45		A	1.1
5	☐	1.000		7964371.62		A	5.1
6	☐	1.000		7973583.01		A	1.3
7	☐	1.000		8165883.77		A	2.0
8	☐	1.000		8125436.41		A	0.9

159 Tb (ISTD) [He]

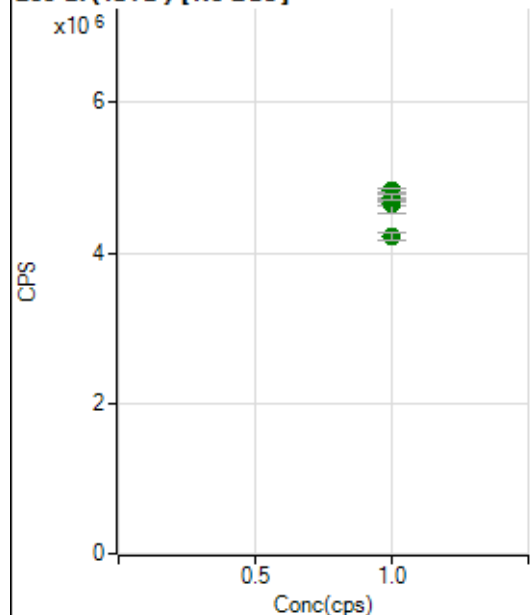
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3028890.37		A	1.0
2	☐	1.000		3021968.11		A	1.3
3	☐	1.000		3074438.77		A	1.3
4	☐	1.000		2996055.16		A	1.0
5	☐	1.000		3080679.85		A	1.9
6	☐	1.000		3078599.47		A	0.4
7	☐	1.000		3151782.28		A	0.9
8	☐	1.000		3283999.26		A	3.0

165 Ho (ISTD) [No Gas]

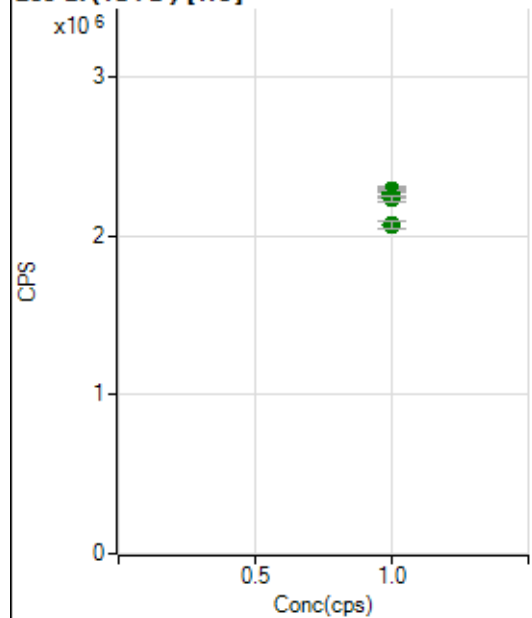
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7366816.05		A	2.2
2	☐	1.000		7486044.96		A	2.5
3	☐	1.000		7601511.45		A	0.8
4	☐	1.000		7653302.86		A	1.4
5	☐	1.000		7555453.90		A	4.7
6	☐	1.000		7643336.54		A	2.1
7	☐	1.000		8015601.74		A	1.2
8	☐	1.000		7660489.67		A	2.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3041639.71		A	3.3
2	☐	1.000		3040186.66		A	3.8
3	☐	1.000		3032951.90		A	2.6
4	☐	1.000		3071459.09		A	1.5
5	☐	1.000		3061780.02		A	2.0
6	☐	1.000		3125470.09		A	1.3
7	☐	1.000		3190028.36		A	1.1
8	☐	1.000		3248035.37		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4705013.19		A	0.9
2	☐	1.000		4777158.89		A	1.7
3	☐	1.000		4658203.89		A	1.1
4	☐	1.000		4823466.52		A	1.1
5	☐	1.000		4664190.97		A	6.3
6	☐	1.000		4732036.87		A	2.4
7	☐	1.000		4740734.24		A	1.8
8	☐	1.000		4225733.69		A	2.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2258487.95		A	1.1
2	☐	1.000		2277188.71		A	2.4
3	☐	1.000		2259481.89		A	2.1
4	☐	1.000		2280007.22		A	2.8
5	☐	1.000		2270131.86		A	2.1
6	☐	1.000		2265429.55		A	1.4
7	☐	1.000		2231571.37		A	1.8
8	☐	1.000		2069251.48		A	2.6

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8121422 MS.b

Acq. Date-Time 2022-12-14 08:35:43

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		14647	146466.77			0.387	5.000
24		346486	3464861.25			1.439	5.000
25		47645	476445.86			1.004	5.000
26		54377	543770.79			0.411	5.000
59		64715	647151.16			0.594	5.000
113		6448	64483.86			1.167	5.000
115		80353	803528.59			1.655	5.000
206		16641	166405.38			1.205	5.000
207		14855	148552.98			0.921	5.000
208		35565	355648.84			1.026	5.000
220		0	4.90			22.122	

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

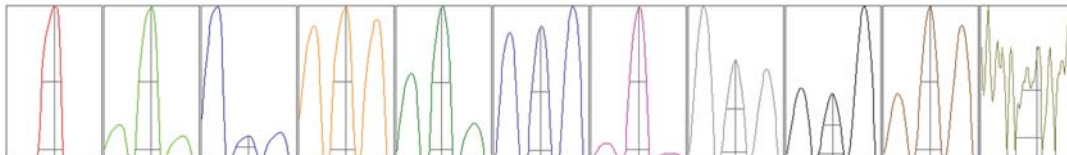
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14672	14594	14614	14734	14620
24	345779	347523	338302	350555	350272
25	47376	47043	47943	47593	48268
26	54121	54715	54443	54350	54256
59	65389	64439	64533	64561	64654
113	6541	6454	6374	6372	6500
115	81501	81889	80080	79603	78691
206	16789	16791	16347	16761	16515
207	14957	14667	14753	14967	14934
208	35900	35370	35088	35955	35512

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	25464.58	9.05	8.90 - 9.10	
24	609876.16	24.00	23.90 - 24.10	
25	85258.26	25.00	24.90 - 25.10	
26	97858.67	26.00	25.90 - 26.10	
59	119868.34	58.95	58.90 - 59.10	
113	12685.22	113.00	112.90 - 113.10	
115	158421.95	115.05	114.90 - 115.10	
206	31998.51	206.00	205.90 - 206.10	
207	28905.14	207.00	206.90 - 207.10	
208	69197.07	208.00	207.90 - 208.10	
220	0.80	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.774	0.900	
24	0.60	0.782	0.900	
25	0.59	0.783	0.900	
26	0.60	0.778	0.900	
59	0.57	0.735	0.900	
113	0.53	0.729	0.900	
115	0.52	0.735	0.900	
206	0.54	0.788	0.900	
207	0.54	0.789	0.900	
208	0.53	0.804	0.900	
220	0.59	0.813		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	16.2 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2296 V	Pulse HV	1606 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		12243	122433.08			0.845	
89		22433	224331.41			1.156	
205		12109	121094.44			1.094	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	12131	12403	12252	12177	12254
89	22232	22088	22667	22644	22535
205	11966	12204	12236	12175	11967

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.3 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-175.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2296 V	Pulse HV	1606 V
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LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	0.10	0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.01	0.07	0.00	N/A	ppb
Boron	11-1	0.02	-0.01	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.55	-0.03	0.57	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.02	0.07	0.00	N/A	ppb
Calcium	43-1	-0.07	-0.06	0.12	0.00	N/A	ppb
Calcium	44-1	0.82	-0.81	-0.01	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.61	-1.34	1.95	0.00	N/A	ppb
Iron	56-2	0.05	-0.14	0.09	0.00	N/A	ppb
Iron	57-2	-0.99	1.59	-0.60	0.00	N/A	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.00	0.00	N/A	ppb
Lead	207-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.40	0.09	0.30	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.03	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.03	0.00	N/A	ppb
Phosphorus	31-2	-55.22	13.02	8.82	-11.13		ppb
Potassium	39-2	0.09	-7.79	7.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.04	0.00	-0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	-0.35	0.52	0.00	N/A	ppb
Silicon	28-1	1.84	-1.31	-0.54	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	2.23	-2.50	0.27	0.00	N/A	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	441.08	-320.09	47.68	56.22	677.02	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.00	-0.04	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
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	-0.08	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.15	20.46	20.84	20.48	1.70	ppb
Antimony	121-1	1.88	1.87	1.81	1.85	2.07	ppb
Arsenic	75-2	0.99	1.02	1.05	1.02	3.20	ppb
Barium	135-1	9.26	9.28	9.08	9.21	1.18	ppb
Barium	137-1	8.86	9.22	9.04	9.04	1.98	ppb
Beryllium	9-1	1.05	1.03	1.08	1.05	2.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	20.60	21.03	22.30	21.31	4.16	ppb
Boron	11-1	21.02	21.80	22.50	21.77	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.05	1.05	1.05	0.25	ppb
Cadmium	106-1	1.44	2.87	1.10	1.80	52.09	ppb
Cadmium	108-1	0.99	1.01	1.07	1.02	4.05	ppb
Calcium	43-1	476.42	456.35	438.63	457.13	4.14	ppb
Calcium	44-1	485.93	462.84	458.70	469.15	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.74	1.67	1.73	3.87	ppb
Cobalt	59-2	0.95	0.99	0.92	0.95	4.10	ppb
Copper	63-2	1.98	1.96	1.85	1.93	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	47.51	48.54	50.71	48.92	3.34	ppb
Iron	56-2	48.26	47.64	44.84	46.91	3.87	ppb
Iron	57-2	48.64	49.11	44.64	47.46	5.18	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.85	0.76	0.81	5.74	ppb
Lead	207-1	0.79	0.82	0.80	0.80	1.91	ppb
Lead	208-1	0.83	0.84	0.82	0.83	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	488.45	493.19	468.54	483.39	2.71	ppb
Manganese	55-2	0.99	0.88	0.98	0.95	6.64	ppb
Molybdenum	94-1	5.41	5.61	5.61	5.54	2.10	ppb
Molybdenum	95-1	4.55	5.01	4.73	4.76	4.88	ppb
Molybdenum	96-1	4.54	4.91	4.73	4.72	3.94	ppb
Molybdenum	97-1	4.71	4.87	4.38	4.65	5.37	ppb
Molybdenum	98-1	4.50	4.64	4.65	4.60	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.91	0.85	0.89	4.48	ppb
Phosphorus	31-2	17.38	7.83	8.17	11.13	48.68	ppb
Potassium	39-2	440.32	452.55	422.07	438.31	3.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.36	5.34	4.60	4.77	10.72	ppb
Selenium	77-2	3.83	4.72	5.81	4.79	20.74	ppb
Selenium	78-2	5.83	3.68	6.81	5.44	29.46	ppb
Silicon	28-1	9.55	8.38	6.45	8.13	19.27	ppb
Silver	107-1	0.96	1.01	0.95	0.98	3.32	ppb
Silver	109-1	0.96	1.03	0.97	0.99	3.71	ppb
Sodium	23-2	476.55	474.75	457.43	469.58	2.25	ppb
Strontium	86-1	0.81	0.98	0.87	0.89	9.76	ppb
Strontium	88-1	0.95	0.99	0.88	0.94	5.57	ppb
Sulfur	34-1	-14.99	-37.24	-116.45	-56.22		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.85	0.86	0.77	0.83	6.46	ppb
Thallium	205-1	0.96	0.88	0.83	0.89	7.60	ppb
Tin	118-1	4.89	4.85	4.46	4.73	4.99	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.85	4.88	4.83	4.85	0.52	ppb
Uranium	238-1	0.85	0.84	0.83	0.84	1.26	ppb
Vanadium	51-2	4.79	4.52	4.37	4.56	4.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.17	2.21	1.79	2.06	11.28	ppb
Zirconium	90-1	0.94	0.95	0.90	0.93	2.93	ppb
Zirconium	91-1	0.86	0.90	0.80	0.86	5.82	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1045.97	1061.29	1025.34	1044.20	1.73	ppb
Antimony	121-1	50.99	48.50	50.55	50.01	2.65	ppb
Arsenic	75-2	51.99	52.74	50.15	51.63	2.58	ppb
Barium	135-1	245.57	236.45	247.21	243.08	2.38	ppb
Barium	137-1	255.30	240.32	254.46	250.03	3.37	ppb
Beryllium	9-1	53.04	52.57	54.58	53.40	1.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	45.59	47.82	51.64	48.35	6.32	ppb
Boron	11-1	48.04	48.98	53.32	50.11	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	54.29	51.53	53.85	53.22	2.78	ppb
Cadmium	106-1	54.58	52.85	57.78	55.07	4.55	ppb
Cadmium	108-1	55.50	53.81	54.03	54.45	1.68	ppb
Calcium	43-1	5302.64	5550.63	5389.66	5414.31	2.32	ppb
Calcium	44-1	5194.52	5376.74	5202.28	5257.84	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.15	51.96	50.39	51.17	1.53	ppb
Cobalt	59-2	49.98	50.77	50.19	50.31	0.82	ppb
Copper	63-2	521.18	523.40	519.69	521.42	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	2665.57	2716.89	2655.21	2679.22	1.23	ppb
Iron	56-2	2665.61	2757.22	2685.71	2702.85	1.78	ppb
Iron	57-2	2595.21	2653.52	2540.23	2596.32	2.18	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.53	238.66	236.96	237.71	0.36	ppb
Lead	207-1	237.08	243.00	241.97	240.68	1.31	ppb
Lead	208-1	244.79	250.31	243.53	246.21	1.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	5404.93	5483.69	5379.16	5422.59	1.00	ppb
Manganese	55-2	502.68	503.99	495.51	500.73	0.91	ppb
Molybdenum	94-1	496.43	515.59	490.19	500.74	2.64	ppb
Molybdenum	95-1	506.19	522.31	495.40	507.96	2.67	ppb
Molybdenum	96-1	504.33	527.53	508.21	513.36	2.42	ppb
Molybdenum	97-1	496.15	518.44	492.43	502.34	2.80	ppb
Molybdenum	98-1	488.16	505.89	513.21	502.42	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.02	54.55	53.12	53.90	1.34	ppb
Phosphorus	31-2	1134.17	971.33	1052.44	1052.64	7.73	ppb
Potassium	39-2	2506.00	2520.84	2441.95	2489.60	1.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	52.40	54.84	52.26	53.17	2.73	ppb
Selenium	77-2	69.54	55.84	44.86	56.75	21.79	ppb
Selenium	78-2	55.17	51.60	47.55	51.44	7.41	ppb
Silicon	28-1	33.86	46.39	39.94	40.07	15.63	ppb
Silver	107-1	54.54	52.76	52.53	53.28	2.07	ppb
Silver	109-1	54.13	51.98	53.61	53.24	2.10	ppb
Sodium	23-2	5296.92	5137.70	5170.60	5201.74	1.62	ppb
Strontium	86-1	1246.00	1311.77	1222.02	1259.93	3.69	ppb
Strontium	88-1	1220.48	1236.91	1207.39	1221.59	1.21	ppb
Sulfur	34-1	606.25	1049.65	1038.73	898.21	28.16	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	48.57	47.10	47.90	47.86	1.54	ppb
Thallium	205-1	48.92	50.20	48.96	49.36	1.48	ppb
Tin	118-1	51.63	50.45	52.11	51.40	1.66	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	493.12	508.02	500.34	500.49	1.49	ppb
Uranium	238-1	47.46	47.11	47.44	47.34	0.42	ppb
Vanadium	51-2	51.65	49.82	50.34	50.60	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	540.83	544.23	539.18	541.41	0.48	ppb
Zirconium	90-1	49.96	49.98	49.18	49.70	0.92	ppb
Zirconium	91-1	49.46	50.19	48.76	49.47	1.44	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:21:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2628.26	2572.89	2569.89	2590.35	1.27	ppb
Antimony	121-1	125.92	127.48	124.50	125.97	1.18	ppb
Arsenic	75-2	131.12	128.31	128.35	129.26	1.24	ppb
Barium	135-1	617.10	620.31	606.02	614.47	1.22	ppb
Barium	137-1	604.82	625.08	605.21	611.70	1.89	ppb
Beryllium	9-1	132.06	133.15	130.78	132.00	0.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	118.15	122.02	121.88	120.68	1.82	ppb
Boron	11-1	123.02	125.66	125.53	124.74	1.19	ppb
Bromine	81-1						cps
Cadmium	111-1	131.19	131.91	130.78	131.30	0.44	ppb
Cadmium	106-1	131.56	127.85	136.16	131.86	3.16	ppb
Cadmium	108-1	129.62	129.77	130.57	129.99	0.39	ppb
Calcium	43-1	13748.32	13671.55	13427.65	13615.84	1.23	ppb
Calcium	44-1	12776.92	13103.95	13385.60	13088.82	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.32	126.30	126.69	126.77	0.40	ppb
Cobalt	59-2	127.18	127.07	127.09	127.11	0.04	ppb
Copper	63-2	1346.48	1359.68	1348.59	1351.58	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	6784.67	6700.62	6657.10	6714.13	0.97	ppb
Iron	56-2	6593.50	6521.31	6467.62	6527.48	0.97	ppb
Iron	57-2	6447.21	6498.97	6324.83	6423.67	1.39	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:21:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	655.92	613.32	606.28	625.17	4.30	ppb
Lead	207-1	636.17	610.90	596.09	614.39	3.30	ppb
Lead	208-1	637.25	600.72	598.54	612.17	3.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	13816.33	13354.48	13333.84	13501.55	2.02	ppb
Manganese	55-2	1264.60	1248.07	1270.12	1260.93	0.91	ppb
Molybdenum	94-1	1255.78	1235.78	1231.36	1240.97	1.05	ppb
Molybdenum	95-1	1247.48	1286.46	1215.13	1249.69	2.86	ppb
Molybdenum	96-1	1241.82	1248.37	1209.10	1233.10	1.71	ppb
Molybdenum	97-1	1281.55	1216.81	1209.81	1236.06	3.20	ppb
Molybdenum	98-1	1245.61	1245.25	1223.65	1238.17	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.64	132.01	134.27	132.97	0.88	ppb
Phosphorus	31-2	2378.99	2535.33	2611.22	2508.51	4.72	ppb
Potassium	39-2	6060.76	6179.39	6115.03	6118.39	0.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	130.42	129.94	125.51	128.62	2.11	ppb
Selenium	77-2	153.67	127.60	139.73	140.33	9.29	ppb
Selenium	78-2	142.13	137.47	130.20	136.60	4.40	ppb
Silicon	28-1	118.11	119.44	116.28	117.94	1.35	ppb
Silver	107-1	134.37	132.28	133.54	133.40	0.79	ppb
Silver	109-1	129.96	130.78	130.06	130.26	0.34	ppb
Sodium	23-2	12672.05	12835.68	12543.45	12683.73	1.15	ppb
Strontium	86-1	3109.55	3115.69	3135.85	3120.36	0.44	ppb
Strontium	88-1	2974.09	3122.99	3062.98	3053.35	2.45	ppb
Sulfur	34-1	3056.45	3019.10	2731.44	2935.66	6.06	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	119.34	115.15	113.56	116.02	2.58	ppb
Thallium	205-1	122.52	118.29	116.53	119.11	2.58	ppb
Tin	118-1	129.24	126.01	125.13	126.79	1.71	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:21:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1283.96	1264.82	1226.39	1258.39	2.33	ppb
Uranium	238-1	125.31	118.69	121.34	121.78	2.74	ppb
Vanadium	51-2	128.96	130.05	126.20	128.40	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1342.44	1342.87	1312.63	1332.65	1.30	ppb
Zirconium	90-1	126.74	126.47	122.00	125.07	2.13	ppb
Zirconium	91-1	122.93	121.21	120.43	121.52	1.05	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5131.81	5302.06	5121.77	5185.21	1.95	ppb
Antimony	121-1	270.12	252.96	250.90	257.99	4.09	ppb
Arsenic	75-2	263.80	256.80	260.00	260.20	1.35	ppb
Barium	135-1	1322.50	1282.12	1227.14	1277.25	3.75	ppb
Barium	137-1	1365.16	1231.65	1245.63	1280.82	5.73	ppb
Beryllium	9-1	289.93	258.60	256.01	268.18	7.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	263.80	242.40	244.28	250.16	4.74	ppb
Boron	11-1	271.97	248.88	255.95	258.93	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	282.04	250.11	250.39	260.84	7.04	ppb
Cadmium	106-1	292.32	254.00	250.04	265.45	8.80	ppb
Cadmium	108-1	277.45	250.29	254.80	260.84	5.58	ppb
Calcium	43-1	30384.53	27365.74	26933.19	28227.82	6.66	ppb
Calcium	44-1	28680.70	26090.99	26068.34	26946.68	5.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246.59	254.10	247.46	249.38	1.65	ppb
Cobalt	59-2	248.01	251.32	248.82	249.38	0.69	ppb
Copper	63-2	2605.00	2625.75	2657.91	2629.55	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				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	12942.35	13208.65	12791.85	12980.95	1.63	ppb
Iron	56-2	12902.59	13109.77	12911.30	12974.55	0.90	ppb
Iron	57-2	12592.31	12929.28	12453.85	12658.48	1.93	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1396.51	1244.10	1188.31	1276.30	8.44	ppb
Lead	207-1	1389.98	1267.96	1203.70	1287.21	7.35	ppb
Lead	208-1	1368.25	1240.89	1200.95	1270.03	6.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	27458.07	26652.66	26596.19	26902.31	1.79	ppb
Manganese	55-2	2558.38	2546.53	2503.70	2536.20	1.13	ppb
Molybdenum	94-1	2743.09	2455.40	2494.07	2564.19	6.09	ppb
Molybdenum	95-1	2783.98	2469.59	2480.94	2578.17	6.92	ppb
Molybdenum	96-1	2831.20	2498.92	2505.96	2612.03	7.27	ppb
Molybdenum	97-1	2763.89	2441.89	2462.60	2556.13	7.05	ppb
Molybdenum	98-1	2791.65	2393.31	2527.48	2570.82	7.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.47	264.15	260.88	260.16	1.68	ppb
Phosphorus	31-2	4983.86	5198.73	5095.68	5092.76	2.11	ppb
Potassium	39-2	12296.21	12556.49	12185.38	12346.02	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	284.61	252.71	257.54	264.96	6.49	ppb
Selenium	77-2	297.39	274.23	265.11	278.91	5.97	ppb
Selenium	78-2	268.65	258.33	257.23	261.40	2.41	ppb
Silicon	28-1	273.96	254.78	252.02	260.25	4.59	ppb
Silver	107-1	296.68	259.76	253.30	269.91	8.67	ppb
Silver	109-1	276.94	260.88	257.23	265.02	3.96	ppb
Sodium	23-2	25695.36	26164.27	26720.67	26193.43	1.96	ppb
Strontium	86-1	6784.48	6244.26	6229.23	6419.32	4.93	ppb
Strontium	88-1	6895.33	6347.70	6202.44	6481.82	5.64	ppb
Sulfur	34-1	7973.08	6469.20	5954.77	6799.02	15.43	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	264.99	239.42	228.04	244.15	7.75	ppb
Thallium	205-1	284.65	253.61	242.87	260.37	8.33	ppb
Tin	118-1	273.91	252.94	246.56	257.80	5.55	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2826.41	2529.13	2491.01	2615.52	7.02	ppb
Uranium	238-1	266.89	244.42	237.36	249.56	6.18	ppb
Vanadium	51-2	246.80	257.32	248.70	250.94	2.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	2641.28	2715.62	2610.42	2655.77	2.04	ppb
Zirconium	90-1	285.16	248.08	252.50	261.91	7.73	ppb
Zirconium	91-1	275.34	241.71	241.74	252.93	7.67	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10419.77	10343.94	10172.98	10312.23	1.23	ppb
Antimony	121-1	512.89	522.54	514.95	516.79	0.98	ppb
Arsenic	75-2	512.44	512.48	505.04	509.98	0.84	ppb
Barium	135-1	2552.45	2559.23	2477.37	2529.68	1.80	ppb
Barium	137-1	2485.78	2461.58	2576.67	2508.01	2.42	ppb
Beryllium	9-1	510.19	500.08	499.12	503.13	1.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	486.31	488.22	520.33	498.29	3.84	ppb
Boron	11-1	513.89	501.48	539.24	518.20	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	510.83	511.14	519.64	513.87	0.97	ppb
Cadmium	106-1	491.58	493.90	516.03	500.50	2.70	ppb
Cadmium	108-1	507.11	498.09	520.13	508.44	2.18	ppb
Calcium	43-1	54866.06	54182.42	53450.96	54166.48	1.31	ppb
Calcium	44-1	53502.10	52288.98	51899.16	52563.41	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.25	504.31	503.72	505.43	0.49	ppb
Cobalt	59-2	503.28	503.28	502.25	502.94	0.12	ppb
Copper	63-2	5156.32	5250.39	5158.99	5188.57	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	27643.20	27532.74	26709.21	27295.05	1.87	ppb
Iron	56-2	26538.82	25634.56	25490.52	25887.97	2.19	ppb
Iron	57-2	25421.83	25488.71	25032.04	25314.19	0.97	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2468.63	2405.53	2499.91	2458.02	1.96	ppb
Lead	207-1	2514.88	2464.24	2495.35	2491.49	1.03	ppb
Lead	208-1	2500.87	2440.52	2493.75	2478.38	1.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	53351.87	52414.84	52726.39	52831.04	0.90	ppb
Manganese	55-2	5277.33	5011.81	5069.91	5119.69	2.73	ppb
Molybdenum	94-1	4748.31	4868.64	4882.33	4833.09	1.53	ppb
Molybdenum	95-1	4831.91	4802.88	4918.10	4850.96	1.24	ppb
Molybdenum	96-1	4809.53	4906.20	4952.40	4889.38	1.49	ppb
Molybdenum	97-1	4779.13	4905.23	4985.72	4890.03	2.13	ppb
Molybdenum	98-1	4889.32	4820.82	4904.88	4871.68	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.00	520.26	521.31	521.52	0.26	ppb
Phosphorus	31-2	10550.10	10230.86	10129.96	10303.64	2.13	ppb
Potassium	39-2	25680.33	25274.74	24184.99	25046.69	3.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	495.48	495.34	496.26	495.70	0.10	ppb
Selenium	77-2	481.14	480.94	529.65	497.25	5.64	ppb
Selenium	78-2	506.71	513.09	517.68	512.49	1.08	ppb
Silicon	28-1	509.75	543.40	521.17	524.77	3.26	ppb
Silver	107-1	512.05	505.60	517.02	511.56	1.12	ppb
Silver	109-1	532.53	515.69	519.55	522.59	1.69	ppb
Sodium	23-2	51688.92	51200.86	50573.41	51154.40	1.09	ppb
Strontium	86-1	11954.67	12348.21	12285.99	12196.29	1.73	ppb
Strontium	88-1	12361.31	12297.87	11993.50	12217.56	1.61	ppb
Sulfur	34-1	12602.99	12308.80	11514.94	12142.24	4.64	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	513.73	484.62	511.33	503.22	3.21	ppb
Thallium	205-1	501.48	493.50	499.12	498.03	0.82	ppb
Tin	118-1	512.63	505.06	521.96	513.22	1.65	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5235.64	4873.39	4906.91	5005.31	4.00	ppb
Uranium	238-1	512.10	491.57	490.08	497.92	2.47	ppb
Vanadium	51-2	517.55	504.69	503.66	508.63	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	5219.44	5167.02	5160.78	5182.41	0.62	ppb
Zirconium	90-1	496.55	490.61	494.11	493.75	0.60	ppb
Zirconium	91-1	478.93	482.48	480.41	480.61	0.37	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:30:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19850.15	19332.88	19278.53	19487.19	1.62	ppb
Antimony	121-1	969.23	1015.91	983.32	989.48	2.42	ppb
Arsenic	75-2	1009.45	990.52	975.57	991.84	1.71	ppb
Barium	135-1	4904.51	5216.47	4819.05	4980.01	4.20	ppb
Barium	137-1	4882.73	5045.25	5041.89	4989.96	1.86	ppb
Beryllium	9-1	1020.27	980.51	977.75	992.85	2.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	1012.19	987.92	1004.49	1001.53	1.24	ppb
Boron	11-1	999.98	964.09	1002.25	988.77	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	966.69	1007.35	994.17	989.41	2.10	ppb
Cadmium	106-1	986.82	998.54	998.96	994.77	0.69	ppb
Cadmium	108-1	948.67	1009.67	1018.33	992.22	3.83	ppb
Calcium	43-1	108300.47	109989.50	107402.38	108564.12	1.21	ppb
Calcium	44-1	104655.37	106137.28	99550.04	103447.56	3.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010.78	977.89	1002.82	997.16	1.72	ppb
Cobalt	59-2	1028.56	978.21	988.45	998.41	2.67	ppb
Copper	63-2	9784.18	9984.81	9809.69	9859.56	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	53391.68	52249.46	51349.63	52330.26	1.96	ppb
Iron	56-2	51637.22	50773.04	49440.48	50616.91	2.19	ppb
Iron	57-2	52575.24	51785.94	49352.30	51237.83	3.28	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:30:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5239.93	4787.42	5017.67	5015.00	4.51	ppb
Lead	207-1	5178.81	4835.53	4975.90	4996.74	3.45	ppb
Lead	208-1	5127.94	4834.78	5060.07	5007.60	3.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	105754.87	102052.98	103597.80	103801.88	1.79	ppb
Manganese	55-2	10232.26	9639.47	9917.38	9929.70	2.99	ppb
Molybdenum	94-1	10220.73	10054.68	9930.08	10068.50	1.45	ppb
Molybdenum	95-1	10386.14	9919.29	9858.42	10054.62	2.87	ppb
Molybdenum	96-1	10159.67	10053.21	9873.37	10028.75	1.44	ppb
Molybdenum	97-1	10047.93	10042.49	10037.33	10042.58	0.05	ppb
Molybdenum	98-1	10219.41	10042.93	9881.11	10047.82	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1009.64	980.35	966.54	985.51	2.23	ppb
Phosphorus	31-2	20062.03	19606.81	19795.04	19821.29	1.15	ppb
Potassium	39-2	49483.09	46689.15	48318.39	48163.54	2.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1017.07	978.30	998.04	997.80	1.94	ppb
Selenium	77-2	1030.36	953.43	991.90	991.90	3.88	ppb
Selenium	78-2	989.39	993.38	985.36	989.38	0.40	ppb
Silicon	28-1	971.63	1007.90	979.81	986.45	1.93	ppb
Silver	107-1	985.62	996.52	981.95	988.03	0.77	ppb
Silver	109-1	947.80	1001.71	1002.89	984.13	3.20	ppb
Sodium	23-2	100649.27	98991.01	97544.30	99061.53	1.57	ppb
Strontium	86-1	25381.71	24409.57	25491.42	25094.23	2.37	ppb
Strontium	88-1	25586.37	24420.82	25224.72	25077.31	2.38	ppb
Sulfur	34-1	18490.86	19121.61	17676.80	18429.76	3.93	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1031.01	963.95	1008.28	1001.08	3.41	ppb
Thallium	205-1	1020.17	964.99	1012.31	999.16	2.99	ppb
Tin	118-1	976.81	997.53	999.11	991.15	1.26	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:30:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10140.72	10254.88	9506.58	9967.39	4.04	ppb
Uranium	238-1	1000.66	975.90	1028.50	1001.69	2.63	ppb
Vanadium	51-2	1025.57	980.92	978.50	995.00	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	9709.78	9835.18	10027.39	9857.45	1.62	ppb
Zirconium	90-1	1000.64	1010.52	989.29	1000.15	1.06	ppb
Zirconium	91-1	1029.00	1019.85	979.43	1009.43	2.61	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101818.56	101292.02	97067.55	100059.38	2.60	ppb
Antimony	121-1	0.52	0.58	0.68	0.59	12.97	ppb
Arsenic	75-2	0.25	0.24	0.30	0.26	13.32	ppb
Barium	135-1	3.05	3.16	3.00	3.07	2.64	ppb
Barium	137-1	3.30	3.35	3.21	3.29	2.30	ppb
Beryllium	9-1	0.20	0.19	0.19	0.19	4.77	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Boron	10-1	57.55	50.34	44.91	50.93	12.44	ppb
Boron	11-1	60.92	51.70	47.48	53.37	12.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.41	0.37	0.39	5.59	ppb
Cadmium	106-1	-1.40	-2.36	-2.59	-2.11		ppb
Cadmium	108-1	0.75	0.39	0.65	0.60	30.78	ppb
Calcium	43-1	518149.17	506344.76	468537.49	497677.14	5.21	ppb
Calcium	44-1	513593.33	502968.23	480257.07	498939.54	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.38	6.47	6.48	6.44	0.86	ppb
Cobalt	59-2	0.87	0.81	0.82	0.83	3.53	ppb
Copper	63-2	2.28	2.14	2.16	2.19	3.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	239979.76	250007.63	257813.61	249267.00	3.59	ppb
Iron	56-2	255680.79	246155.92	247428.68	249755.13	2.07	ppb
Iron	57-2	250161.85	251320.03	247641.49	249707.79	0.75	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.83	1.49	1.33	1.55	16.37	ppb
Lead	207-1	1.51	1.55	1.40	1.49	5.34	ppb
Lead	208-1	1.62	1.50	1.35	1.49	9.01	ppb
Lithium	6-1				94		%
Magnesium	24-2	510038.06	494368.21	492090.20	498832.16	1.96	ppb
Manganese	55-2	10.04	9.86	9.77	9.89	1.40	ppb
Molybdenum	94-1	3.98	3.89	3.41	3.76	8.20	ppb
Molybdenum	95-1	3.96	3.30	3.24	3.50	11.55	ppb
Molybdenum	96-1	7.44	6.72	6.84	7.00	5.55	ppb
Molybdenum	97-1	3.28	3.54	3.39	3.40	3.92	ppb
Molybdenum	98-1	3.33	3.43	2.98	3.25	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.06	2.97	3.07	3.03	1.75	ppb
Phosphorus	31-2	-26.84	-18.07	-16.71	-20.54		ppb
Potassium	39-2	256031.68	246224.66	248865.18	250373.84	2.03	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.73	1.45	1.78	1.65	10.91	ppb
Selenium	77-2	1.80	1.77	0.89	1.49	34.61	ppb
Selenium	78-2	1.14	0.19	0.63	0.65	73.24	ppb
Silicon	28-1	36.12	25.41	16.41	25.98	37.99	ppb
Silver	107-1	0.50	0.48	0.46	0.48	4.12	ppb
Silver	109-1	0.51	0.52	0.46	0.50	6.37	ppb
Sodium	23-2	503128.21	496086.19	500803.61	500006.00	0.72	ppb
Strontium	86-1	9.41	9.19	8.89	9.16	2.88	ppb
Strontium	88-1	9.73	9.42	8.62	9.26	6.20	ppb
Sulfur	34-1	-2191.05	-2640.06	-2543.05	-2458.05		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.29	0.27	0.31	19.43	ppb
Thallium	205-1	0.33	0.31	0.28	0.31	7.24	ppb
Tin	118-1	1.31	1.20	1.14	1.22	7.06	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.61	2.62	2.15	2.46	10.98	ppb
Uranium	238-1	0.14	0.16	0.14	0.15	8.37	ppb
Vanadium	51-2	0.24	0.24	0.22	0.24	4.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	6.26	6.03	6.64	6.31	4.89	ppb
Zirconium	90-1	0.36	0.33	0.32	0.33	5.79	ppb
Zirconium	91-1	0.35	0.28	0.24	0.29	18.48	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	516.21	523.29	508.64	516.05	1.42	ppb
Antimony	121-1	203.82	203.05	198.43	201.77	1.44	ppb
Arsenic	75-2	211.20	209.38	197.42	206.00	3.63	ppb
Barium	135-1	102.07	101.95	98.78	100.94	1.85	ppb
Barium	137-1	102.34	102.03	102.18	102.18	0.15	ppb
Beryllium	9-1	103.49	103.44	102.91	103.28	0.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	616.66	609.36	609.97	612.00	0.66	ppb
Boron	11-1	607.38	561.69	568.57	579.21	4.25	ppb
Bromine	81-1						cps
Cadmium	111-1	109.20	108.53	102.30	106.68	3.56	ppb
Cadmium	106-1	172.26	173.82	164.41	170.16	2.96	ppb
Cadmium	108-1	164.72	164.88	156.70	162.10	2.88	ppb
Calcium	43-1	2118.40	2177.36	2147.03	2147.59	1.37	ppb
Calcium	44-1	2071.63	2140.93	2102.80	2105.12	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.43	102.13	96.89	99.81	2.68	ppb
Cobalt	59-2	101.00	103.00	99.64	101.21	1.67	ppb
Copper	63-2	101.63	101.76	100.53	101.31	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	2060.79	2098.61	2032.23	2063.88	1.61	ppb
Iron	56-2	2080.88	2069.94	1984.67	2045.16	2.58	ppb
Iron	57-2	1964.42	2046.23	1979.00	1996.55	2.19	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	196.97	200.28	192.60	196.62	1.96	ppb
Lead	207-1	191.50	188.56	186.49	188.85	1.34	ppb
Lead	208-1	198.53	198.96	196.34	197.94	0.71	ppb
Lithium	6-1				94		%
Magnesium	24-2	1165.90	1159.09	1127.12	1150.70	1.80	ppb
Manganese	55-2	97.99	102.14	96.96	99.03	2.77	ppb
Molybdenum	94-1	4666.41	4763.98	4603.45	4677.95	1.73	ppb
Molybdenum	95-1	4696.75	4899.86	4725.44	4774.02	2.30	ppb
Molybdenum	96-1	4836.10	4798.26	4656.55	4763.64	1.99	ppb
Molybdenum	97-1	4710.35	4776.68	4677.71	4721.58	1.07	ppb
Molybdenum	98-1	4795.47	4693.74	4673.82	4721.01	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.45	108.37	106.71	106.85	1.37	ppb
Phosphorus	31-2	-40.65	-46.78	-42.95	-43.46		ppb
Potassium	39-2	1911.58	1899.52	1846.11	1885.73	1.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	207.43	207.17	201.71	205.44	1.57	ppb
Selenium	77-2	257.96	221.14	221.27	233.46	9.09	ppb
Selenium	78-2	220.19	202.89	211.24	211.44	4.09	ppb
Silicon	28-1	374.99	410.61	400.36	395.32	4.64	ppb
Silver	107-1	53.14	52.14	50.84	52.04	2.21	ppb
Silver	109-1	51.36	52.42	50.22	51.33	2.14	ppb
Sodium	23-2	1995.27	1995.97	1903.02	1964.76	2.72	ppb
Strontium	86-1	471.69	490.18	476.49	479.45	2.00	ppb
Strontium	88-1	451.36	477.05	463.15	463.85	2.77	ppb
Sulfur	34-1	-3438.53	-3217.68	-3529.07	-3395.10		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	201.52	208.29	201.86	203.89	1.87	ppb
Thallium	205-1	212.64	216.38	203.27	210.76	3.21	ppb
Tin	118-1	521.47	508.10	503.41	510.99	1.83	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4744.28	4845.50	4782.59	4790.79	1.07	ppb
Uranium	238-1	467.69	495.10	467.03	476.61	3.36	ppb
Vanadium	51-2	99.71	99.82	96.49	98.67	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	203.63	209.49	202.00	205.04	1.92	ppb
Zirconium	90-1	482.77	500.51	477.76	487.01	2.45	ppb
Zirconium	91-1	469.83	483.07	471.15	474.68	1.54	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	21.02	18.95	19.89	5.27	ppb
Antimony	121-1	1.94	1.93	1.88	1.91	1.82	ppb
Arsenic	75-2	1.04	0.96	0.89	0.96	8.06	ppb
Barium	135-1	8.88	9.07	8.98	8.98	1.09	ppb
Barium	137-1	9.37	9.31	9.10	9.26	1.54	ppb
Beryllium	9-1	1.06	1.00	1.00	1.02	3.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	25.68	26.53	27.25	26.48	2.97	ppb
Boron	11-1	28.29	27.34	27.18	27.60	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.94	0.99	0.99	4.89	ppb
Cadmium	106-1	-2.59	-1.67	-1.96	-2.07		ppb
Cadmium	108-1	0.93	1.05	1.05	1.01	6.90	ppb
Calcium	43-1	448.97	451.31	453.39	451.22	0.49	ppb
Calcium	44-1	471.94	473.60	467.90	471.15	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.75	1.75	1.81	6.18	ppb
Cobalt	59-2	0.92	0.97	1.00	0.96	4.35	ppb
Copper	63-2	1.84	1.91	1.94	1.90	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	50.05	47.94	51.75	49.91	3.82	ppb
Iron	56-2	45.80	46.69	45.70	46.06	1.19	ppb
Iron	57-2	46.95	41.72	48.79	45.82	8.00	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.84	0.85	0.85	0.84	0.87	ppb
Lead	207-1	0.86	0.91	0.87	0.88	3.34	ppb
Lead	208-1	0.85	0.86	0.84	0.85	0.98	ppb
Lithium	6-1				96		%
Magnesium	24-2	460.34	454.67	450.93	455.31	1.04	ppb
Manganese	55-2	0.97	0.95	0.88	0.93	5.02	ppb
Molybdenum	94-1	5.28	5.47	5.32	5.36	1.93	ppb
Molybdenum	95-1	4.54	4.67	4.54	4.59	1.64	ppb
Molybdenum	96-1	4.85	4.95	4.72	4.84	2.43	ppb
Molybdenum	97-1	4.95	4.65	4.86	4.82	3.25	ppb
Molybdenum	98-1	4.60	4.94	4.71	4.75	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.91	0.99	0.93	5.85	ppb
Phosphorus	31-2	-39.79	-49.08	-56.29	-48.39		ppb
Potassium	39-2	432.00	430.58	406.16	422.92	3.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	4.57	5.04	4.10	4.57	10.36	ppb
Selenium	77-2	4.46	7.10	3.56	5.04	36.60	ppb
Selenium	78-2	4.18	5.49	4.40	4.69	15.00	ppb
Silicon	28-1	0.34	0.95	1.27	0.86	55.26	ppb
Silver	107-1	1.04	1.07	1.01	1.04	2.89	ppb
Silver	109-1	1.05	1.00	0.99	1.02	2.96	ppb
Sodium	23-2	460.43	442.71	443.76	448.96	2.21	ppb
Strontium	86-1	0.71	1.01	0.95	0.89	17.71	ppb
Strontium	88-1	0.95	0.94	0.95	0.95	0.72	ppb
Sulfur	34-1	-2820.92	-2717.87	-2983.68	-2840.82		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.89	0.95	0.91	0.92	3.17	ppb
Thallium	205-1	0.89	0.95	0.91	0.92	3.68	ppb
Tin	118-1	5.01	4.91	4.76	4.89	2.57	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.55	4.82	4.88	4.75	3.72	ppb
Uranium	238-1	0.87	0.88	0.85	0.87	1.42	ppb
Vanadium	51-2	4.68	4.33	4.55	4.52	3.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	2.23	1.98	1.85	2.02	9.63	ppb
Zirconium	90-1	0.95	1.01	0.93	0.96	4.25	ppb
Zirconium	91-1	0.93	0.94	0.89	0.92	2.85	ppb

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 14:07:22 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.09	-0.15	-0.09		ppb
Antimony	121-1	0.00	0.00	0.02	0.01	89.36	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	1350.75	ppb
Barium	135-1	0.01	0.02	0.00	0.01	92.18	ppb
Barium	137-1	0.01	0.00	0.01	0.01	79.51	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	5.82	5.78	5.76	5.78	0.52	ppb
Boron	11-1	6.26	6.18	5.50	5.98	7.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-2.23	-1.98	-1.91	-2.04		ppb
Cadmium	108-1	0.02	0.05	-0.06	0.01	1063.27	ppb
Calcium	43-1	-2.52	-1.33	-2.30	-2.05		ppb
Calcium	44-1	3.29	3.78	3.92	3.66	9.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.00	0.03	89.06	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.03	0.05	0.02	132.98	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				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	0.38	2.34	0.69	1.14	92.19	ppb
Iron	56-2	0.38	0.32	0.06	0.25	66.72	ppb
Iron	57-2	1.07	1.69	2.41	1.72	38.83	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	637.38	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00		ppb
Lead	208-1	0.01	-0.01	0.01	0.01	178.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.48	1.25	0.63	1.12	39.30	ppb
Manganese	55-2	0.04	-0.01	0.01	0.01	210.74	ppb
Molybdenum	94-1	0.03	0.05	0.06	0.05	37.87	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	41.40	ppb
Molybdenum	96-1	0.01	0.05	0.05	0.04	60.67	ppb
Molybdenum	97-1	0.01	0.01	0.04	0.02	90.71	ppb
Molybdenum	98-1	0.01	0.03	0.05	0.03	63.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.04	-0.01	0.00		ppb
Phosphorus	31-2	-60.92	-97.38	-66.53	-74.94		ppb
Potassium	39-2	-4.85	-0.67	-3.87	-3.13		ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.10	-0.06	0.28	0.04	555.41	ppb
Selenium	77-2	0.00	0.00	1.78	0.59	173.21	ppb
Selenium	78-2	1.36	0.10	0.37	0.61	108.40	ppb
Silicon	28-1	-12.30	-2.18	-11.05	-8.51		ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.18	ppb
Silver	109-1	0.00	0.01	0.01	0.01	53.07	ppb
Sodium	23-2	13.33	13.28	9.65	12.09	17.48	ppb
Strontium	86-1	-0.02	0.04	0.02	0.01	241.63	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	76.85	ppb
Sulfur	34-1	-2851.81	-2688.82	-2679.50	-2740.04		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.03	0.02	52.57	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.43	ppb
Tin	118-1	0.02	-0.01	0.08	0.03	156.94	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.04	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	97.48	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	91.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	-0.10	-0.02	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	64.54	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97243.89	95480.05	91961.06	94895.00	2.83	ppb
Antimony	121-1	1.12	1.08	1.07	1.09	2.58	ppb
Arsenic	75-2	0.24	0.27	0.33	0.28	16.41	ppb
Barium	135-1	1.41	1.62	1.48	1.50	7.30	ppb
Barium	137-1	1.59	1.57	1.42	1.52	6.24	ppb
Beryllium	9-1	0.28	0.29	0.30	0.29	3.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	5.69	6.03	5.86	5.86	2.89	ppb
Boron	11-1	5.97	6.23	6.10	6.10	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.36	0.39	0.39	5.82	ppb
Cadmium	106-1	-3.16	-2.06	-1.58	-2.27		ppb
Cadmium	108-1	9.51	9.36	8.80	9.22	4.02	ppb
Calcium	43-1	96389.70	96873.29	96738.89	96667.29	0.26	ppb
Calcium	44-1	98872.89	99248.72	96626.21	98249.27	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.48	18.93	19.31	19.57	4.11	ppb
Cobalt	59-2	1.21	1.12	1.19	1.17	3.98	ppb
Copper	63-2	7.52	7.27	7.75	7.52	3.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	103812.17	101479.77	100473.19	101921.71	1.68	ppb
Iron	56-2	103158.67	96832.96	98584.27	99525.30	3.28	ppb
Iron	57-2	104864.03	99347.27	101465.71	101892.34	2.73	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.49	5.50	5.49	5.49	0.08	ppb
Lead	207-1	5.14	5.13	4.86	5.04	3.17	ppb
Lead	208-1	5.27	5.27	5.00	5.18	2.99	ppb
Lithium	6-1				92		%
Magnesium	24-2	94451.66	93375.29	90877.71	92901.56	1.97	ppb
Manganese	55-2	7.73	7.69	7.44	7.62	2.06	ppb
Molybdenum	94-1	1594.51	1553.55	1563.94	1570.66	1.36	ppb
Molybdenum	95-1	1904.37	1894.09	1883.00	1893.82	0.56	ppb
Molybdenum	96-1	1855.43	1865.54	1875.86	1865.61	0.55	ppb
Molybdenum	97-1	1868.82	1874.21	1937.31	1893.45	2.01	ppb
Molybdenum	98-1	1834.39	1859.61	1905.45	1866.48	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.32	6.15	6.40	6.29	2.08	ppb
Phosphorus	31-2	96160.04	94276.58	93196.17	94544.26	1.59	ppb
Potassium	39-2	94926.20	95867.57	92253.55	94349.11	1.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	0.08	0.27	0.22	0.19	50.55	ppb
Selenium	77-2	0.87	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	0.75	0.95	0.29	0.67	51.10	ppb
Silicon	28-1	18.55	22.28	18.79	19.87	10.52	ppb
Silver	107-1	0.01	0.05	0.01	0.02	94.06	ppb
Silver	109-1	0.01	0.05	0.02	0.03	59.36	ppb
Sodium	23-2	96423.62	96842.14	95587.91	96284.56	0.66	ppb
Strontium	86-1	35.32	33.90	34.09	34.44	2.24	ppb
Strontium	88-1	34.50	34.58	33.91	34.33	1.07	ppb
Sulfur	34-1	93696.97	91640.92	94134.65	93157.51	1.43	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.12	0.12	0.13	11.54	ppb
Thallium	205-1	0.17	0.15	0.15	0.16	9.61	ppb
Tin	118-1	0.15	0.24	0.15	0.18	27.02	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1944.57	2085.40	1957.38	1995.78	3.90	ppb
Uranium	238-1	0.01	0.04	0.02	0.02	57.14	ppb
Vanadium	51-2	0.20	0.19	0.16	0.18	10.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	12.35	11.40	10.92	11.55	6.30	ppb
Zirconium	90-1	0.03	0.14	0.03	0.07	90.35	ppb
Zirconium	91-1	-0.01	0.17	0.06	0.07	122.00	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93166.97	94421.65	92777.35	93455.32	0.92	ppb
Antimony	121-1	21.56	21.06	21.54	21.39	1.31	ppb
Arsenic	75-2	20.73	19.72	19.76	20.07	2.84	ppb
Barium	135-1	22.65	22.08	22.11	22.28	1.45	ppb
Barium	137-1	21.88	21.47	21.79	21.71	0.98	ppb
Beryllium	9-1	20.15	20.91	20.20	20.42	2.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	60.83	64.77	62.46	62.69	3.15	ppb
Boron	11-1	66.13	69.13	67.13	67.47	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	20.63	19.68	20.06	20.13	2.39	ppb
Cadmium	106-1	23.53	20.51	19.64	21.23	9.62	ppb
Cadmium	108-1	31.84	31.56	32.23	31.88	1.05	ppb
Calcium	43-1	96447.84	96064.86	95255.50	95922.73	0.63	ppb
Calcium	44-1	99779.12	97570.09	94421.89	97257.03	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.68	37.42	36.86	37.65	2.48	ppb
Cobalt	59-2	20.66	19.87	19.47	20.00	3.03	ppb
Copper	63-2	26.57	25.17	25.02	25.59	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-2	100203.51	96035.06	97003.24	97747.27	2.23	ppb
Iron	56-2	103897.30	95411.91	95052.88	98120.70	5.10	ppb
Iron	57-2	99598.87	97589.74	96099.21	97762.61	1.80	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	30.06	28.86	27.85	28.92	3.84	ppb
Lead	207-1	29.24	27.64	27.58	28.15	3.35	ppb
Lead	208-1	28.79	27.98	27.29	28.02	2.68	ppb
Lithium	6-1				94		%
Magnesium	24-2	92348.13	88526.84	88293.36	89722.77	2.54	ppb
Manganese	55-2	26.60	26.15	25.66	26.14	1.80	ppb
Molybdenum	94-1	1728.29	1694.80	1711.91	1711.67	0.98	ppb
Molybdenum	95-1	1963.31	1914.15	1992.69	1956.71	2.03	ppb
Molybdenum	96-1	1950.87	1883.24	1912.05	1915.39	1.77	ppb
Molybdenum	97-1	1950.56	1898.85	1928.92	1926.11	1.35	ppb
Molybdenum	98-1	1916.17	1921.47	1932.33	1923.32	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.28	24.83	24.05	24.72	2.52	ppb
Phosphorus	31-2	93259.89	93732.95	91830.08	92940.97	1.07	ppb
Potassium	39-2	92162.87	91506.36	91021.78	91563.67	0.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	18.98	18.52	19.08	18.86	1.60	ppb
Selenium	77-2	17.22	21.16	21.23	19.87	11.54	ppb
Selenium	78-2	18.93	20.35	19.14	19.47	3.94	ppb
Silicon	28-1	50.12	54.73	50.52	51.79	4.93	ppb
Silver	107-1	19.56	19.37	19.39	19.44	0.55	ppb
Silver	109-1	19.10	19.24	19.15	19.16	0.39	ppb
Sodium	23-2	95237.04	93174.17	91910.23	93440.48	1.80	ppb
Strontium	86-1	88.25	84.69	86.71	86.55	2.06	ppb
Strontium	88-1	88.08	86.32	86.71	87.04	1.06	ppb
Sulfur	34-1	91241.38	94317.54	90624.74	92061.22	2.15	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	20.50	20.31	20.05	20.29	1.13	ppb
Thallium	205-1	20.76	20.65	19.95	20.46	2.14	ppb
Tin	118-1	55.14	56.65	55.69	55.83	1.36	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2053.33	2030.22	2021.98	2035.18	0.80	ppb
Uranium	238-1	53.87	52.76	51.75	52.80	2.01	ppb
Vanadium	51-2	19.83	19.37	19.37	19.52	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	29.81	30.17	28.40	29.46	3.17	ppb
Zirconium	90-1	54.76	54.38	54.53	54.55	0.35	ppb
Zirconium	91-1	53.84	53.23	54.00	53.69	0.76	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51083.52	51651.47	48531.70	50422.23	3.30	ppb
Antimony	121-1	522.70	520.42	519.88	521.00	0.29	ppb
Arsenic	75-2	502.50	487.75	489.19	493.15	1.65	ppb
Barium	135-1	2627.42	2656.34	2685.47	2656.41	1.09	ppb
Barium	137-1	2592.63	2694.17	2633.47	2640.09	1.94	ppb
Beryllium	9-1	515.86	492.74	520.07	509.56	2.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	672.66	664.06	665.64	667.45	0.69	ppb
Boron	11-1	664.61	621.56	640.09	642.09	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	511.94	527.93	513.58	517.82	1.70	ppb
Cadmium	106-1	520.26	523.97	524.24	522.83	0.43	ppb
Cadmium	108-1	512.79	525.78	525.94	521.50	1.45	ppb
Calcium	43-1	245025.31	251182.58	245624.25	247277.38	1.37	ppb
Calcium	44-1	243434.21	249097.19	244221.58	245584.33	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529.38	516.42	492.68	512.83	3.63	ppb
Cobalt	59-2	536.10	493.81	504.91	511.61	4.29	ppb
Copper	63-2	5304.57	5177.87	4941.43	5141.29	3.58	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				114		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	136499.15	126504.89	125368.49	129457.51	4.73	ppb
Iron	56-2	128072.65	124767.18	121706.28	124848.70	2.55	ppb
Iron	57-2	130065.43	124951.35	120070.26	125029.01	4.00	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2559.33	2616.16	2579.42	2584.97	1.11	ppb
Lead	207-1	2615.00	2703.99	2579.72	2632.91	2.43	ppb
Lead	208-1	2596.72	2619.80	2591.32	2602.61	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	253209.14	254415.50	242005.94	249876.86	2.74	ppb
Manganese	55-2	5346.50	5094.35	5003.38	5148.08	3.45	ppb
Molybdenum	94-1	5160.93	5277.89	5089.57	5176.13	1.84	ppb
Molybdenum	95-1	5187.17	5203.80	5249.86	5213.61	0.62	ppb
Molybdenum	96-1	5084.57	5106.37	5176.23	5122.39	0.93	ppb
Molybdenum	97-1	4869.32	5098.20	5060.30	5009.27	2.45	ppb
Molybdenum	98-1	5072.53	5048.54	5084.36	5068.47	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.70	526.64	508.86	528.73	3.97	ppb
Phosphorus	31-2	10422.71	9742.84	9733.31	9966.28	3.97	ppb
Potassium	39-2	123769.79	122269.64	120670.60	122236.68	1.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	495.69	500.87	511.04	502.53	1.55	ppb
Selenium	77-2	537.84	527.48	514.16	526.49	2.25	ppb
Selenium	78-2	534.67	512.23	508.33	518.41	2.74	ppb
Silicon	28-1	1958.65	2027.28	1974.74	1986.89	1.81	ppb
Silver	107-1	538.67	531.48	521.65	530.60	1.61	ppb
Silver	109-1	520.57	526.79	525.30	524.22	0.62	ppb
Sodium	23-2	255091.96	255455.30	237505.48	249350.92	4.11	ppb
Strontium	86-1	13253.68	12903.97	13144.84	13100.83	1.37	ppb
Strontium	88-1	12691.31	12845.18	13099.52	12878.67	1.60	ppb
Sulfur	34-1	10656.52	10615.40	10257.38	10509.76	2.09	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	552.64	537.37	519.15	536.39	3.13	ppb
Thallium	205-1	532.08	531.14	523.68	528.97	0.87	ppb
Tin	118-1	528.55	530.39	512.74	523.89	1.85	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5112.10	5233.90	5038.69	5128.23	1.92	ppb
Uranium	238-1	530.07	532.21	530.71	531.00	0.21	ppb
Vanadium	51-2	538.37	516.44	505.29	520.03	3.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	4981.45	4892.18	4757.65	4877.10	2.31	ppb
Zirconium	90-1	525.10	512.45	524.67	520.74	1.38	ppb
Zirconium	91-1	500.56	512.83	513.28	508.89	1.42	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.04	0.22	0.02	808.78	ppb
Antimony	121-1	0.02	0.03	0.03	0.02	29.01	ppb
Arsenic	75-2	0.02	0.00	-0.01	0.01	312.68	ppb
Barium	135-1	0.01	0.04	0.01	0.02	98.45	ppb
Barium	137-1	0.04	0.04	0.01	0.03	50.06	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	16.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	11.96	11.13	10.89	11.33	4.95	ppb
Boron	11-1	12.17	11.78	11.68	11.88	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.01	0.01	0.00		ppb
Cadmium	106-1	-1.78	-0.42	1.04	-0.39		ppb
Cadmium	108-1	0.01	0.01	-0.06	-0.01		ppb
Calcium	43-1	0.18	0.77	0.79	0.58	59.65	ppb
Calcium	44-1	1.62	4.35	1.93	2.63	56.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.07	0.07	0.04	114.43	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	73.83	ppb
Copper	63-2	0.16	0.06	0.10	0.11	46.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	1.90	-0.25	1.24	0.97	113.86	ppb
Iron	56-2	0.72	0.66	0.59	0.66	9.79	ppb
Iron	57-2	-2.18	0.73	-0.85	-0.76		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.04	9.81	ppb
Lead	207-1	0.08	0.08	0.08	0.08	5.75	ppb
Lead	208-1	0.06	0.07	0.05	0.06	16.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.04	2.19	1.67	1.97	13.56	ppb
Manganese	55-2	0.02	0.03	0.03	0.02	32.19	ppb
Molybdenum	94-1	0.09	0.11	0.01	0.07	77.73	ppb
Molybdenum	95-1	0.09	0.09	0.04	0.08	37.61	ppb
Molybdenum	96-1	0.05	0.09	0.04	0.06	36.69	ppb
Molybdenum	97-1	0.04	0.06	0.06	0.05	23.78	ppb
Molybdenum	98-1	0.05	0.09	0.06	0.06	32.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.06	0.03	99.46	ppb
Phosphorus	31-2	-52.24	-132.58	-74.78	-86.54		ppb
Potassium	39-2	13.01	-6.71	8.38	4.89	210.75	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	0.19	0.34	-0.34	0.06	546.70	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	0.86	0.47	0.64	30.92	ppb
Silicon	28-1	-19.24	-13.27	-13.39	-15.30		ppb
Silver	107-1	0.08	0.06	0.09	0.07	20.70	ppb
Silver	109-1	0.09	0.07	0.07	0.08	11.37	ppb
Sodium	23-2	27.18	20.26	20.29	22.57	17.67	ppb
Strontium	86-1	0.06	0.17	0.02	0.09	92.72	ppb
Strontium	88-1	0.10	0.17	0.07	0.11	49.67	ppb
Sulfur	34-1	-3128.10	-2495.01	-2814.18	-2812.43		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.10	0.12	0.12	10.36	ppb
Thallium	205-1	0.13	0.11	0.11	0.12	8.80	ppb
Tin	118-1	-0.01	0.10	0.02	0.03	168.98	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.02	0.05	0.03	58.15	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	31.75	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	-0.10	-0.13	-0.17	-0.13		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	37.27	ppb
Zirconium	91-1	-0.02	0.02	0.02	0.01	259.76	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.18	19.95	20.45	20.53	3.01	ppb
Antimony	121-1	1.99	1.90	1.80	1.90	4.88	ppb
Arsenic	75-2	1.06	1.06	0.94	1.02	6.91	ppb
Barium	135-1	9.57	9.94	8.94	9.48	5.33	ppb
Barium	137-1	9.86	9.61	9.08	9.52	4.21	ppb
Beryllium	9-1	1.17	1.02	1.01	1.06	8.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	29.91	30.11	30.27	30.10	0.60	ppb
Boron	11-1	31.75	30.29	30.40	30.81	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.17	1.01	1.10	7.61	ppb
Cadmium	106-1	0.60	3.25	-0.75	1.03	197.15	ppb
Cadmium	108-1	1.09	0.98	1.14	1.07	7.70	ppb
Calcium	43-1	494.24	491.61	459.68	481.84	3.99	ppb
Calcium	44-1	509.08	494.73	468.49	490.77	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	1.76	1.86	1.89	7.71	ppb
Cobalt	59-2	1.02	0.96	0.88	0.95	7.38	ppb
Copper	63-2	2.15	1.99	2.12	2.09	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	49.16	46.47	45.94	47.19	3.65	ppb
Iron	56-2	50.40	48.41	47.06	48.62	3.45	ppb
Iron	57-2	45.96	52.27	47.85	48.70	6.65	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.04	0.92	0.81	0.92	12.39	ppb
Lead	207-1	0.96	0.82	0.92	0.90	7.75	ppb
Lead	208-1	1.00	0.87	0.86	0.91	8.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	488.49	460.76	474.42	474.56	2.92	ppb
Manganese	55-2	1.03	0.84	0.90	0.92	10.55	ppb
Molybdenum	94-1	5.78	5.65	5.04	5.49	7.16	ppb
Molybdenum	95-1	4.99	4.63	4.72	4.78	3.94	ppb
Molybdenum	96-1	5.12	4.99	4.77	4.96	3.52	ppb
Molybdenum	97-1	4.97	4.44	4.19	4.53	8.79	ppb
Molybdenum	98-1	5.06	4.81	4.53	4.80	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.06	0.97	1.02	4.32	ppb
Phosphorus	31-2	-64.47	-61.28	-13.65	-46.47		ppb
Potassium	39-2	458.53	428.34	440.64	442.50	3.43	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	5.38	4.42	4.47	4.76	11.41	ppb
Selenium	77-2	3.66	4.34	2.65	3.55	23.92	ppb
Selenium	78-2	5.30	4.43	6.01	5.25	15.11	ppb
Silicon	28-1	2.39	-0.32	-6.31	-1.41		ppb
Silver	107-1	1.18	1.12	1.03	1.11	6.97	ppb
Silver	109-1	1.14	1.10	1.07	1.10	2.99	ppb
Sodium	23-2	499.32	468.54	488.02	485.29	3.21	ppb
Strontium	86-1	1.13	0.96	0.85	0.98	14.37	ppb
Strontium	88-1	1.03	0.99	0.95	0.99	3.79	ppb
Sulfur	34-1	-2066.45	-2072.74	-2525.34	-2221.51		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	1.06	0.96	0.94	0.99	6.46	ppb
Thallium	205-1	1.10	1.00	0.94	1.01	7.87	ppb
Tin	118-1	5.27	5.13	4.74	5.05	5.50	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.84	5.25	4.47	4.85	8.08	ppb
Uranium	238-1	0.94	0.90	0.85	0.90	4.89	ppb
Vanadium	51-2	4.78	4.82	4.54	4.71	3.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	2.58	2.15	2.44	2.39	9.09	ppb
Zirconium	90-1	0.99	0.92	0.87	0.93	6.95	ppb
Zirconium	91-1	1.05	0.93	0.94	0.97	6.86	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.46	4.54	4.25	4.42	3.42	ppb
Antimony	121-1	0.23	0.22	0.22	0.22	4.39	ppb
Arsenic	75-2	0.35	0.27	0.13	0.25	44.24	ppb
Barium	135-1	1.14	1.05	1.10	1.10	4.33	ppb
Barium	137-1	1.20	1.07	1.06	1.11	6.99	ppb
Beryllium	9-1	0.27	0.26	0.28	0.27	3.73	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	4.63	4.74	4.49	4.62	2.74	ppb
Boron	11-1	4.80	4.71	4.74	4.75	0.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.35	0.24	0.27	25.38	ppb
Cadmium	106-1	-1.50	1.85	-1.88	-0.51		ppb
Cadmium	108-1	0.29	0.36	0.25	0.30	19.15	ppb
Calcium	43-1	23.21	19.92	23.40	22.18	8.81	ppb
Calcium	44-1	23.58	22.56	24.66	23.60	4.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.21	0.33	0.27	21.91	ppb
Cobalt	59-2	0.24	0.22	0.23	0.23	5.06	ppb
Copper	63-2	0.59	0.55	0.60	0.58	4.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	13.28	11.02	12.22	12.17	9.29	ppb
Iron	56-2	12.13	12.21	12.30	12.21	0.69	ppb
Iron	57-2	10.30	12.89	14.41	12.54	16.59	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.24	0.26	0.25	5.07	ppb
Lead	207-1	0.28	0.23	0.25	0.25	9.10	ppb
Lead	208-1	0.26	0.24	0.27	0.26	5.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	25.77	24.12	22.90	24.26	5.94	ppb
Manganese	55-2	0.47	0.45	0.51	0.47	6.64	ppb
Molybdenum	94-1	1.45	1.51	1.34	1.43	5.87	ppb
Molybdenum	95-1	1.31	1.36	1.23	1.30	5.12	ppb
Molybdenum	96-1	1.29	1.37	1.28	1.31	3.64	ppb
Molybdenum	97-1	1.24	1.18	1.30	1.24	5.04	ppb
Molybdenum	98-1	1.31	1.26	1.18	1.25	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.19	0.26	0.24	17.46	ppb
Phosphorus	31-2	-131.25	-32.61	-57.27	-73.71		ppb
Potassium	39-2	10.65	14.07	13.30	12.67	14.14	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	2.14	2.55	1.79	2.16	17.57	ppb
Selenium	77-2	1.81	0.89	0.91	1.20	43.79	ppb
Selenium	78-2	3.50	2.98	2.47	2.98	17.15	ppb
Silicon	28-1	-13.75	-13.35	-9.29	-12.13		ppb
Silver	107-1	0.31	0.28	0.25	0.28	10.73	ppb
Silver	109-1	0.27	0.27	0.26	0.27	2.90	ppb
Sodium	23-2	39.04	35.67	34.84	36.52	6.08	ppb
Strontium	86-1	0.24	0.19	0.20	0.21	14.24	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.93	ppb
Sulfur	34-1	-1959.71	-2073.90	-1624.42	-1886.01		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.31	0.27	0.30	0.30	6.62	ppb
Thallium	205-1	0.31	0.32	0.31	0.32	1.98	ppb
Tin	118-1	0.20	0.23	0.18	0.20	12.22	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.37	1.34	1.32	1.34	1.84	ppb
Uranium	238-1	0.20	0.21	0.21	0.21	3.30	ppb
Vanadium	51-2	0.28	0.28	0.28	0.28	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	0.37	0.45	0.46	0.43	12.55	ppb
Zirconium	90-1	0.25	0.24	0.24	0.24	2.22	ppb
Zirconium	91-1	0.26	0.24	0.23	0.24	6.57	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.87	18.41	19.54	19.61	6.27	ppb
Antimony	121-1	1.90	1.92	1.83	1.88	2.62	ppb
Arsenic	75-2	1.13	0.96	1.02	1.04	8.10	ppb
Barium	135-1	8.75	9.04	8.91	8.90	1.63	ppb
Barium	137-1	9.02	9.70	8.95	9.23	4.52	ppb
Beryllium	9-1	1.04	1.09	1.04	1.06	2.72	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	23.84	24.44	23.40	23.89	2.18	ppb
Boron	11-1	24.76	25.80	24.79	25.12	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.93	0.93	0.97	6.70	ppb
Cadmium	106-1	-0.43	2.76	1.71	1.34	120.65	ppb
Cadmium	108-1	1.27	0.93	1.05	1.09	15.63	ppb
Calcium	43-1	464.66	460.40	434.04	453.04	3.66	ppb
Calcium	44-1	474.27	471.19	425.51	456.99	5.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.87	1.85	1.91	4.75	ppb
Cobalt	59-2	1.08	0.96	0.97	1.01	6.31	ppb
Copper	63-2	2.23	1.93	2.01	2.06	7.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	53.56	49.83	49.51	50.96	4.42	ppb
Iron	56-2	51.21	47.69	47.05	48.65	4.60	ppb
Iron	57-2	50.56	48.11	54.74	51.13	6.56	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.90	0.87	0.88	2.24	ppb
Lead	207-1	0.94	0.84	0.83	0.87	7.18	ppb
Lead	208-1	0.91	0.86	0.83	0.87	4.47	ppb
Lithium	6-1				103		%
Magnesium	24-2	508.78	477.97	473.50	486.75	3.95	ppb
Manganese	55-2	1.02	0.87	1.06	0.98	10.07	ppb
Molybdenum	94-1	5.49	5.97	5.39	5.62	5.56	ppb
Molybdenum	95-1	4.85	4.73	4.61	4.73	2.53	ppb
Molybdenum	96-1	5.12	5.13	4.53	4.92	6.92	ppb
Molybdenum	97-1	4.66	4.88	4.39	4.64	5.28	ppb
Molybdenum	98-1	4.80	4.69	4.46	4.65	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.92	1.02	0.98	5.24	ppb
Phosphorus	31-2	9.04	-72.26	-37.77	-33.66		ppb
Potassium	39-2	458.82	431.42	435.48	441.91	3.35	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	82-1	4.81	5.07	4.84	4.91	2.88	ppb
Selenium	77-2	7.46	6.31	4.58	6.12	23.72	ppb
Selenium	78-2	5.16	4.92	4.01	4.70	12.92	ppb
Silicon	28-1	-3.86	-2.56	-13.39	-6.60		ppb
Silver	107-1	1.13	1.05	1.03	1.07	5.00	ppb
Silver	109-1	1.06	1.06	0.96	1.03	6.00	ppb
Sodium	23-2	519.89	468.26	476.06	488.07	5.70	ppb
Strontium	86-1	0.86	0.92	0.83	0.87	5.28	ppb
Strontium	88-1	0.99	0.98	0.92	0.96	3.76	ppb
Sulfur	34-1	-1749.94	-1377.71	-2302.70	-1810.11		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.92	0.87	0.90	0.90	2.80	ppb
Thallium	205-1	1.04	0.96	0.91	0.97	6.84	ppb
Tin	118-1	5.06	4.88	4.83	4.92	2.43	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.82	4.65	4.16	4.54	7.61	ppb
Uranium	238-1	0.86	0.86	0.80	0.84	4.28	ppb
Vanadium	51-2	5.05	4.74	4.81	4.86	3.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	2.74	2.61	2.15	2.50	12.46	ppb
Zirconium	90-1	1.04	0.97	0.90	0.97	6.97	ppb
Zirconium	91-1	0.91	0.84	0.90	0.89	4.41	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.56	19.17	19.08	18.94	1.74	ppb
Antimony	121-1	1.95	1.89	1.76	1.87	5.32	ppb
Arsenic	75-2	1.01	1.01	1.13	1.05	6.87	ppb
Barium	135-1	9.63	9.95	9.56	9.71	2.17	ppb
Barium	137-1	10.07	9.81	9.06	9.64	5.43	ppb
Beryllium	9-1	1.04	1.05	1.03	1.04	1.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	23.84	24.56	26.23	24.87	4.92	ppb
Boron	11-1	24.21	26.16	27.28	25.88	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.14	0.99	1.09	7.51	ppb
Cadmium	106-1	3.34	2.33	-0.28	1.80	103.86	ppb
Cadmium	108-1	1.11	1.49	0.80	1.13	30.03	ppb
Calcium	43-1	462.71	464.63	463.89	463.74	0.21	ppb
Calcium	44-1	467.24	467.64	455.09	463.32	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.95	1.84	1.89	3.10	ppb
Cobalt	59-2	1.06	0.94	1.02	1.01	6.15	ppb
Copper	63-2	2.04	2.05	2.10	2.06	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	51.71	49.75	49.06	50.17	2.74	ppb
Iron	56-2	47.84	48.02	46.94	47.60	1.22	ppb
Iron	57-2	44.97	50.51	46.38	47.29	6.10	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.86	0.92	0.89	3.43	ppb
Lead	207-1	0.90	0.83	0.87	0.87	4.17	ppb
Lead	208-1	0.85	0.89	0.88	0.87	2.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	494.71	468.98	458.09	473.93	3.97	ppb
Manganese	55-2	0.87	1.05	1.02	0.98	9.68	ppb
Molybdenum	94-1	5.38	5.70	5.66	5.58	3.17	ppb
Molybdenum	95-1	4.73	4.73	4.92	4.79	2.31	ppb
Molybdenum	96-1	4.84	4.90	4.77	4.84	1.31	ppb
Molybdenum	97-1	4.80	4.78	4.97	4.85	2.13	ppb
Molybdenum	98-1	4.80	4.69	4.95	4.81	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.93	1.05	1.00	6.05	ppb
Phosphorus	31-2	-70.00	-138.77	-64.18	-90.99		ppb
Potassium	39-2	464.72	457.53	424.41	448.89	4.79	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	4.57	5.15	4.88	4.87	5.93	ppb
Selenium	77-2	8.20	3.66	6.39	6.08	37.57	ppb
Selenium	78-2	6.07	5.39	5.85	5.77	6.07	ppb
Silicon	28-1	-6.16	-3.48	-1.46	-3.70		ppb
Silver	107-1	1.06	1.05	0.94	1.02	6.57	ppb
Silver	109-1	1.10	1.00	0.99	1.03	6.21	ppb
Sodium	23-2	478.24	461.86	462.80	467.63	1.97	ppb
Strontium	86-1	0.94	1.00	0.90	0.95	5.07	ppb
Strontium	88-1	0.95	0.92	0.94	0.94	1.92	ppb
Sulfur	34-1	-1603.20	-1453.28	-1442.15	-1499.54		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.95	1.00	0.92	0.96	4.21	ppb
Thallium	205-1	1.02	1.01	1.05	1.02	2.02	ppb
Tin	118-1	5.05	4.91	4.90	4.95	1.67	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.92	5.20	5.06	5.06	2.74	ppb
Uranium	238-1	0.84	0.92	0.88	0.88	4.85	ppb
Vanadium	51-2	4.92	4.74	4.51	4.73	4.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	2.77	2.32	2.26	2.45	11.43	ppb
Zirconium	90-1	0.90	0.96	0.92	0.93	3.39	ppb
Zirconium	91-1	0.86	0.92	0.86	0.88	4.01	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:15:17	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.16	4.49	4.44	4.70	8.63	ppb
Antimony	121-1	0.23	0.20	0.22	0.22	7.31	ppb
Arsenic	75-2	0.22	0.23	0.24	0.23	3.66	ppb
Barium	135-1	1.04	1.15	1.19	1.13	7.13	ppb
Barium	137-1	1.24	1.19	1.15	1.19	3.98	ppb
Beryllium	9-1	0.27	0.23	0.27	0.26	7.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.29	3.25	3.09	3.21	3.40	ppb
Boron	11-1	3.49	3.36	3.37	3.41	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.26	0.28	0.27	4.16	ppb
Cadmium	106-1	0.93	-1.19	-0.30	-0.19		ppb
Cadmium	108-1	0.01	0.15	0.20	0.12	82.48	ppb
Calcium	43-1	21.42	19.68	20.51	20.53	4.23	ppb
Calcium	44-1	22.17	23.77	21.56	22.50	5.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.21	0.22	0.24	18.17	ppb
Cobalt	59-2	0.26	0.27	0.25	0.26	3.54	ppb
Copper	63-2	0.50	0.51	0.47	0.49	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	13.77	12.27	13.96	13.33	6.91	ppb
Iron	56-2	11.50	12.49	12.51	12.16	4.76	ppb
Iron	57-2	14.60	11.42	11.54	12.52	14.39	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:15:17	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.28	0.23	0.25	10.38	ppb
Lead	207-1	0.19	0.27	0.25	0.24	17.05	ppb
Lead	208-1	0.23	0.26	0.23	0.24	6.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	24.19	21.69	26.11	24.00	9.23	ppb
Manganese	55-2	0.46	0.46	0.43	0.45	3.86	ppb
Molybdenum	94-1	1.56	1.44	1.44	1.48	4.56	ppb
Molybdenum	95-1	1.31	1.24	1.05	1.20	11.21	ppb
Molybdenum	96-1	1.31	1.32	1.21	1.28	4.65	ppb
Molybdenum	97-1	1.24	1.33	1.23	1.26	4.28	ppb
Molybdenum	98-1	1.18	1.32	1.26	1.25	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.28	0.28	0.27	7.31	ppb
Phosphorus	31-2	-67.49	-83.62	-3.88	-51.66		ppb
Potassium	39-2	10.40	9.61	19.49	13.16	41.71	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	2.20	1.85	2.36	2.14	12.10	ppb
Selenium	77-2	2.75	0.00	4.62	2.46	94.62	ppb
Selenium	78-2	1.48	2.84	2.11	2.14	31.55	ppb
Silicon	28-1	-14.15	-10.24	-12.87	-12.42		ppb
Silver	107-1	0.27	0.23	0.26	0.26	8.11	ppb
Silver	109-1	0.23	0.25	0.25	0.24	4.36	ppb
Sodium	23-2	35.27	34.19	33.55	34.34	2.53	ppb
Strontium	86-1	0.17	0.26	0.23	0.22	21.74	ppb
Strontium	88-1	0.24	0.24	0.22	0.23	3.45	ppb
Sulfur	34-1	-1505.76	-1053.52	-976.90	-1178.73		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.26	0.29	0.29	7.88	ppb
Thallium	205-1	0.28	0.29	0.24	0.27	10.77	ppb
Tin	118-1	0.23	0.21	0.27	0.24	13.64	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:15:17	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.34	1.29	1.39	1.34	3.74	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.28	ppb
Vanadium	51-2	0.21	0.22	0.19	0.21	6.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.55	0.59	0.23	0.45	43.43	ppb
Zirconium	90-1	0.26	0.25	0.22	0.24	7.35	ppb
Zirconium	91-1	0.24	0.24	0.19	0.22	13.97	ppb

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:18:27 DataFile Name : 031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.12	19.77	21.19	20.69	3.86	ppb
Antimony	121-1	1.83	1.85	1.90	1.86	1.88	ppb
Arsenic	75-2	1.12	1.04	1.12	1.09	4.54	ppb
Barium	135-1	8.15	9.04	9.62	8.94	8.29	ppb
Barium	137-1	8.40	9.43	9.64	9.16	7.25	ppb
Beryllium	9-1	1.01	1.12	1.00	1.04	6.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	21.20	24.19	22.95	22.78	6.61	ppb
Boron	11-1	21.63	24.94	24.56	23.71	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.97	1.03	0.98	4.47	ppb
Cadmium	106-1	0.05	1.02	1.80	0.96	91.53	ppb
Cadmium	108-1	0.71	1.00	1.07	0.93	20.66	ppb
Calcium	43-1	425.95	468.38	474.92	456.42	5.82	ppb
Calcium	44-1	421.89	481.26	477.03	460.06	7.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.92	1.94	1.89	3.72	ppb
Cobalt	59-2	1.03	0.92	1.00	0.98	5.71	ppb
Copper	63-2	2.00	2.09	2.18	2.09	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	55.35	50.94	51.24	52.51	4.69	ppb
Iron	56-2	49.76	49.29	48.92	49.33	0.85	ppb
Iron	57-2	43.86	47.50	51.05	47.47	7.57	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:18:27	DataFile Name :	031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.76	0.87	0.89	0.84	8.27	ppb
Lead	207-1	0.84	0.85	0.92	0.87	4.87	ppb
Lead	208-1	0.82	0.86	0.89	0.85	4.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	499.63	493.59	512.74	501.99	1.95	ppb
Manganese	55-2	0.89	0.99	0.90	0.93	5.95	ppb
Molybdenum	94-1	5.43	5.53	5.56	5.51	1.27	ppb
Molybdenum	95-1	4.37	4.53	4.86	4.59	5.46	ppb
Molybdenum	96-1	4.51	5.08	4.91	4.83	6.11	ppb
Molybdenum	97-1	4.36	4.71	5.04	4.71	7.22	ppb
Molybdenum	98-1	4.54	4.67	4.67	4.63	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.01	0.91	0.97	5.80	ppb
Phosphorus	31-2	-57.99	-73.07	-4.59	-45.22		ppb
Potassium	39-2	469.56	460.07	472.17	467.27	1.36	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	4.53	4.54	5.32	4.80	9.47	ppb
Selenium	77-2	2.71	5.48	2.81	3.67	42.89	ppb
Selenium	78-2	4.94	4.40	5.37	4.90	9.95	ppb
Silicon	28-1	-13.86	3.09	2.15	-2.87		ppb
Silver	107-1	0.98	1.11	1.01	1.03	6.83	ppb
Silver	109-1	0.97	1.00	1.08	1.02	5.81	ppb
Sodium	23-2	499.62	491.19	493.21	494.67	0.89	ppb
Strontium	86-1	0.91	0.85	0.97	0.91	6.54	ppb
Strontium	88-1	0.87	0.99	0.96	0.94	6.48	ppb
Sulfur	34-1	-1966.21	-633.88	-778.98	-1126.36		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.84	0.93	0.87	0.88	4.93	ppb
Thallium	205-1	0.89	0.94	1.00	0.94	5.98	ppb
Tin	118-1	4.47	4.94	5.08	4.83	6.65	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:18:27	DataFile Name :	031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.05	5.37	4.90	4.78	14.01	ppb
Uranium	238-1	0.80	0.89	0.87	0.85	5.68	ppb
Vanadium	51-2	4.84	4.87	4.81	4.84	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	2.02	2.46	2.28	2.25	9.66	ppb
Zirconium	90-1	0.90	0.84	0.96	0.90	6.36	ppb
Zirconium	91-1	0.88	0.98	0.94	0.93	5.44	ppb

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT3-2022 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:21:39 DataFile Name : 032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.78	21.25	19.80	20.94	4.91	ppb
Antimony	121-1	1.87	1.86	1.91	1.88	1.58	ppb
Arsenic	75-2	1.13	1.13	1.11	1.13	1.01	ppb
Barium	135-1	9.29	9.33	9.24	9.29	0.49	ppb
Barium	137-1	9.73	9.66	9.35	9.58	2.16	ppb
Beryllium	9-1	1.10	1.08	1.02	1.07	3.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	24.32	24.52	25.01	24.62	1.44	ppb
Boron	11-1	24.30	26.32	25.27	25.30	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.19	1.16	1.15	3.93	ppb
Cadmium	106-1	2.98	3.42	0.21	2.21	78.85	ppb
Cadmium	108-1	1.29	1.53	1.25	1.36	11.13	ppb
Calcium	43-1	462.16	471.63	445.06	459.62	2.93	ppb
Calcium	44-1	472.75	478.18	459.91	470.28	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.97	1.95	1.96	0.62	ppb
Cobalt	59-2	1.08	0.98	1.00	1.02	5.50	ppb
Copper	63-2	2.25	1.96	2.16	2.12	6.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	52.96	52.02	51.89	52.29	1.12	ppb
Iron	56-2	51.42	46.80	49.81	49.34	4.75	ppb
Iron	57-2	52.79	49.26	50.27	50.77	3.58	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:21:39	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.85	0.78	0.85	8.91	ppb
Lead	207-1	0.89	0.89	0.80	0.86	5.91	ppb
Lead	208-1	0.89	0.89	0.84	0.87	3.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	512.22	487.37	477.76	492.45	3.61	ppb
Manganese	55-2	0.93	1.08	1.06	1.03	8.07	ppb
Molybdenum	94-1	5.71	5.94	5.43	5.69	4.53	ppb
Molybdenum	95-1	5.18	4.83	4.47	4.83	7.33	ppb
Molybdenum	96-1	5.06	5.08	4.84	4.99	2.58	ppb
Molybdenum	97-1	4.80	5.02	4.77	4.86	2.76	ppb
Molybdenum	98-1	4.85	4.98	4.47	4.77	5.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.91	1.04	1.00	7.23	ppb
Phosphorus	31-2	-21.80	-19.09	-36.82	-25.90		ppb
Potassium	39-2	468.90	456.23	454.15	459.76	1.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	5.65	4.63	4.60	4.96	12.11	ppb
Selenium	77-2	4.68	3.78	5.59	4.68	19.27	ppb
Selenium	78-2	6.45	4.70	5.56	5.57	15.68	ppb
Silicon	28-1	-1.47	1.88	-2.61	-0.73		ppb
Silver	107-1	1.03	1.12	0.97	1.04	7.57	ppb
Silver	109-1	1.02	1.07	1.02	1.04	2.66	ppb
Sodium	23-2	518.91	481.97	492.80	497.89	3.81	ppb
Strontium	86-1	0.97	1.00	0.91	0.96	5.17	ppb
Strontium	88-1	1.03	1.02	0.97	1.01	2.96	ppb
Sulfur	34-1	-972.08	-907.85	-1253.41	-1044.45		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.94	0.87	0.92	3.97	ppb
Thallium	205-1	1.02	0.93	0.93	0.96	5.35	ppb
Tin	118-1	5.02	5.12	4.92	5.02	1.91	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:21:39	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.10	5.12	4.51	4.91	7.06	ppb
Uranium	238-1	0.89	0.82	0.84	0.85	4.28	ppb
Vanadium	51-2	4.93	4.76	4.77	4.82	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	2.29	2.29	2.11	2.23	4.57	ppb
Zirconium	90-1	0.95	0.93	0.91	0.93	2.41	ppb
Zirconium	91-1	1.01	1.12	0.85	1.00	13.41	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:35:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.75	6.14	6.05	5.98	3.40	ppb
Antimony	121-1	0.27	0.26	0.22	0.25	10.95	ppb
Arsenic	75-2	0.31	0.24	0.21	0.25	18.94	ppb
Barium	135-1	1.17	1.27	0.95	1.13	14.47	ppb
Barium	137-1	1.17	1.01	1.02	1.07	8.38	ppb
Beryllium	9-1	0.26	0.24	0.25	0.25	3.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	1.72	1.47	1.85	1.68	11.34	ppb
Boron	11-1	1.56	1.73	1.70	1.66	5.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.24	0.28	0.27	9.91	ppb
Cadmium	106-1	1.37	0.48	0.49	0.78	65.35	ppb
Cadmium	108-1	0.31	0.12	0.16	0.19	50.93	ppb
Calcium	43-1	24.91	21.69	22.63	23.08	7.19	ppb
Calcium	44-1	23.71	22.58	22.50	22.93	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.27	0.24	0.24	14.73	ppb
Cobalt	59-2	0.25	0.29	0.27	0.27	7.35	ppb
Copper	63-2	0.53	0.50	0.57	0.53	6.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	11.91	13.38	11.66	12.32	7.51	ppb
Iron	56-2	11.56	12.68	11.62	11.95	5.27	ppb
Iron	57-2	10.90	12.08	12.61	11.86	7.37	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:35:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.22	0.24	0.21	12.83	ppb
Lead	207-1	0.21	0.22	0.25	0.23	9.92	ppb
Lead	208-1	0.22	0.22	0.25	0.23	6.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	27.08	25.67	22.59	25.11	9.14	ppb
Manganese	55-2	0.46	0.54	0.50	0.50	7.97	ppb
Molybdenum	94-1	1.26	1.53	1.37	1.39	9.82	ppb
Molybdenum	95-1	1.11	1.29	1.21	1.20	7.28	ppb
Molybdenum	96-1	1.17	1.26	1.24	1.23	3.69	ppb
Molybdenum	97-1	1.25	1.34	1.14	1.24	8.00	ppb
Molybdenum	98-1	1.23	1.31	1.22	1.26	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.26	0.22	0.24	8.43	ppb
Phosphorus	31-2	-58.79	-73.99	-45.72	-59.50		ppb
Potassium	39-2	12.42	17.98	18.39	16.27	20.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	2.06	2.13	2.53	2.24	11.29	ppb
Selenium	77-2	0.94	4.73	2.84	2.83	66.88	ppb
Selenium	78-2	2.80	2.43	2.34	2.52	9.58	ppb
Silicon	28-1	-7.83	-10.81	-8.50	-9.05		ppb
Silver	107-1	0.24	0.23	0.23	0.23	2.52	ppb
Silver	109-1	0.29	0.24	0.26	0.26	7.83	ppb
Sodium	23-2	32.41	37.04	32.04	33.83	8.23	ppb
Strontium	86-1	0.19	0.28	0.19	0.22	24.40	ppb
Strontium	88-1	0.22	0.23	0.22	0.22	1.86	ppb
Sulfur	34-1	-554.82	-812.00	-592.23	-653.02		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.28	0.24	0.26	8.01	ppb
Thallium	205-1	0.27	0.24	0.24	0.25	7.40	ppb
Tin	118-1	0.24	0.22	0.21	0.22	7.26	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:35:08	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.28	1.28	1.23	1.26	2.45	ppb
Uranium	238-1	0.22	0.22	0.21	0.22	2.77	ppb
Vanadium	51-2	0.24	0.24	0.30	0.26	13.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.25	0.58	0.53	0.45	39.81	ppb
Zirconium	90-1	0.25	0.28	0.21	0.25	12.88	ppb
Zirconium	91-1	0.24	0.20	0.24	0.22	10.57	ppb

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT3-20 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:43:16 DataFile Name : 037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	18.85	19.50	19.34	2.26	ppb
Antimony	121-1	1.89	1.93	2.00	1.94	2.88	ppb
Arsenic	75-2	1.09	1.18	1.15	1.14	3.96	ppb
Barium	135-1	9.55	9.85	9.50	9.63	1.95	ppb
Barium	137-1	9.47	9.60	9.21	9.42	2.10	ppb
Beryllium	9-1	1.14	1.04	1.05	1.07	5.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	21.88	21.58	21.40	21.62	1.13	ppb
Boron	11-1	22.91	22.42	22.73	22.69	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.05	0.99	1.01	2.92	ppb
Cadmium	106-1	-2.29	-0.19	3.25	0.25	1102.05	ppb
Cadmium	108-1	0.91	1.09	1.52	1.17	26.43	ppb
Calcium	43-1	466.33	457.50	451.79	458.54	1.60	ppb
Calcium	44-1	474.75	468.46	460.59	467.93	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.87	1.84	1.85	1.14	ppb
Cobalt	59-2	1.05	1.07	1.02	1.04	2.38	ppb
Copper	63-2	2.27	2.09	2.17	2.18	4.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	53.67	52.82	50.12	52.20	3.55	ppb
Iron	56-2	48.91	46.87	47.67	47.81	2.15	ppb
Iron	57-2	44.47	48.35	48.38	47.07	4.78	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:43:16	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.80	0.91	0.86	6.53	ppb
Lead	207-1	0.87	0.87	0.81	0.85	3.77	ppb
Lead	208-1	0.89	0.83	0.85	0.85	3.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	516.08	503.29	485.06	501.48	3.11	ppb
Manganese	55-2	0.94	0.93	1.03	0.97	5.82	ppb
Molybdenum	94-1	5.42	5.82	5.41	5.55	4.21	ppb
Molybdenum	95-1	4.67	5.25	4.79	4.90	6.26	ppb
Molybdenum	96-1	4.81	4.99	4.74	4.85	2.76	ppb
Molybdenum	97-1	4.69	5.13	4.64	4.82	5.62	ppb
Molybdenum	98-1	5.05	4.84	4.63	4.84	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.97	1.04	1.04	7.07	ppb
Phosphorus	31-2	-55.06	-121.17	-19.85	-65.36		ppb
Potassium	39-2	465.92	454.23	454.60	458.25	1.45	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	4.99	4.91	4.64	4.85	3.75	ppb
Selenium	77-2	3.73	7.56	12.38	7.89	54.92	ppb
Selenium	78-2	5.24	6.12	5.27	5.55	9.03	ppb
Silicon	28-1	-0.49	-1.17	-0.33	-0.66		ppb
Silver	107-1	1.09	1.06	1.09	1.08	1.37	ppb
Silver	109-1	1.06	1.09	1.00	1.05	4.14	ppb
Sodium	23-2	496.57	501.33	472.39	490.09	3.17	ppb
Strontium	86-1	0.97	1.12	0.92	1.01	10.44	ppb
Strontium	88-1	1.02	1.00	0.97	1.00	2.44	ppb
Sulfur	34-1	-465.90	-721.42	-619.50	-602.27		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.94	0.91	0.94	2.61	ppb
Thallium	205-1	1.00	0.98	0.90	0.96	5.45	ppb
Tin	118-1	5.07	5.02	4.91	5.00	1.64	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:43:16	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.71	4.29	4.85	4.62	6.33	ppb
Uranium	238-1	0.88	0.84	0.80	0.84	4.84	ppb
Vanadium	51-2	4.96	4.90	4.77	4.87	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	2.46	2.41	2.20	2.36	5.80	ppb
Zirconium	90-1	0.96	0.96	0.96	0.96	0.32	ppb
Zirconium	91-1	0.95	0.85	0.90	0.90	5.15	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.86	7.13	8.35	7.78	7.84	ppb
Antimony	121-1	0.80	0.76	0.75	0.77	3.43	ppb
Arsenic	75-2	0.43	0.38	0.44	0.41	7.72	ppb
Barium	135-1	3.96	3.48	3.57	3.67	6.87	ppb
Barium	137-1	4.01	3.66	3.67	3.78	5.35	ppb
Beryllium	9-1	0.43	0.46	0.43	0.44	4.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	9.86	10.79	10.84	10.50	5.24	ppb
Boron	11-1	10.60	11.11	11.16	10.96	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.55	0.40	0.45	19.29	ppb
Cadmium	106-1	1.30	-0.21	-0.12	0.32	260.68	ppb
Cadmium	108-1	0.52	0.40	0.44	0.46	13.81	ppb
Calcium	43-1	190.74	178.50	192.67	187.30	4.10	ppb
Calcium	44-1	188.34	188.61	190.35	189.10	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.79	0.81	0.69	0.77	8.14	ppb
Cobalt	59-2	0.42	0.40	0.39	0.40	3.57	ppb
Copper	63-2	0.89	0.87	0.81	0.85	5.06	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				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	81.97	75.25	72.42	76.55	6.41	ppb
Iron	56-2	74.24	77.08	73.92	75.08	2.31	ppb
Iron	57-2	77.08	80.50	81.52	79.70	2.92	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.35	0.36	0.37	7.06	ppb
Lead	207-1	0.46	0.40	0.31	0.39	19.89	ppb
Lead	208-1	0.40	0.37	0.33	0.37	10.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	201.19	200.76	198.39	200.11	0.75	ppb
Manganese	55-2	0.43	0.40	0.41	0.41	3.15	ppb
Molybdenum	94-1	2.28	2.35	2.19	2.27	3.37	ppb
Molybdenum	95-1	1.98	1.85	2.01	1.95	4.44	ppb
Molybdenum	96-1	1.99	2.04	1.90	1.98	3.38	ppb
Molybdenum	97-1	2.19	1.92	1.75	1.95	11.38	ppb
Molybdenum	98-1	1.89	1.86	1.85	1.87	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.44	0.47	0.46	3.26	ppb
Phosphorus	31-2	-66.25	-69.29	-50.63	-62.06		ppb
Potassium	39-2	198.23	197.40	178.44	191.36	5.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	2.54	2.62	2.91	2.69	7.26	ppb
Selenium	77-2	3.64	2.80	3.69	3.38	14.85	ppb
Selenium	78-2	1.94	1.51	1.44	1.63	16.65	ppb
Silicon	28-1	-5.31	-6.61	-2.38	-4.77		ppb
Silver	107-1	0.40	0.43	0.42	0.42	3.41	ppb
Silver	109-1	0.39	0.43	0.38	0.40	6.99	ppb
Sodium	23-2	199.21	200.22	198.85	199.43	0.36	ppb
Strontium	86-1	0.44	0.38	0.30	0.37	19.64	ppb
Strontium	88-1	0.38	0.37	0.40	0.38	3.45	ppb
Sulfur	34-1	-630.09	-474.54	-301.50	-468.71		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.44	0.40	0.37	0.40	8.65	ppb
Thallium	205-1	0.46	0.42	0.40	0.43	6.17	ppb
Tin	118-1	2.30	1.96	2.10	2.12	8.06	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.22	1.83	2.00	2.01	9.71	ppb
Uranium	238-1	0.36	0.34	0.34	0.35	4.65	ppb
Vanadium	51-2	2.03	1.92	1.92	1.96	3.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.65	0.62	0.96	0.74	25.35	ppb
Zirconium	90-1	0.40	0.39	0.37	0.39	4.46	ppb
Zirconium	91-1	0.44	0.42	0.32	0.39	16.06	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51408.32	51317.38	51554.45	51426.72	0.23	ppb
Antimony	121-1	505.30	524.94	509.40	513.21	2.02	ppb
Arsenic	75-2	491.55	491.69	496.03	493.09	0.52	ppb
Barium	135-1	2668.47	2676.38	2511.65	2618.83	3.55	ppb
Barium	137-1	2637.15	2618.46	2578.39	2611.33	1.15	ppb
Beryllium	9-1	503.64	511.62	502.06	505.77	1.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	604.66	686.06	662.17	650.96	6.43	ppb
Boron	11-1	596.13	657.17	615.81	623.03	5.00	ppb
Bromine	81-1						cps
Cadmium	111-1	509.45	511.28	509.79	510.17	0.19	ppb
Cadmium	106-1	521.27	532.64	526.55	526.82	1.08	ppb
Cadmium	108-1	525.39	533.66	519.41	526.15	1.36	ppb
Calcium	43-1	247116.22	242311.30	250027.04	246484.86	1.58	ppb
Calcium	44-1	246131.37	238381.41	248316.85	244276.54	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.80	516.19	508.56	506.85	2.03	ppb
Cobalt	59-2	499.19	504.37	493.90	499.15	1.05	ppb
Copper	63-2	5185.69	5184.49	5135.87	5168.68	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	124085.05	131418.65	129711.49	128405.06	2.99	ppb
Iron	56-2	125440.25	127514.95	127294.07	126749.76	0.90	ppb
Iron	57-2	127859.02	124152.08	129325.06	127112.05	2.10	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2569.98	2671.60	2546.04	2595.87	2.57	ppb
Lead	207-1	2658.16	2623.93	2520.46	2600.85	2.76	ppb
Lead	208-1	2591.20	2613.88	2570.82	2591.97	0.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	242886.89	254088.83	258950.58	251975.43	3.27	ppb
Manganese	55-2	5036.53	5224.55	5122.68	5127.92	1.84	ppb
Molybdenum	94-1	5030.18	5061.46	4995.43	5029.02	0.66	ppb
Molybdenum	95-1	4850.52	5209.28	5096.83	5052.21	3.63	ppb
Molybdenum	96-1	5037.70	5316.90	5140.97	5165.19	2.73	ppb
Molybdenum	97-1	4988.95	5229.55	5175.88	5131.46	2.46	ppb
Molybdenum	98-1	5084.95	5095.65	5116.39	5099.00	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.14	533.93	533.52	532.86	0.28	ppb
Phosphorus	31-2	9902.77	10319.52	10442.35	10221.55	2.77	ppb
Potassium	39-2	123885.44	122647.02	121395.21	122642.56	1.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	486.23	503.09	504.42	497.91	2.04	ppb
Selenium	77-2	442.57	547.60	527.85	506.01	11.03	ppb
Selenium	78-2	524.08	519.24	520.66	521.33	0.48	ppb
Silicon	28-1	2022.36	2010.51	2042.42	2025.10	0.80	ppb
Silver	107-1	538.66	535.44	516.85	530.32	2.22	ppb
Silver	109-1	522.69	523.51	527.68	524.63	0.51	ppb
Sodium	23-2	243411.82	254067.84	256775.24	251418.30	2.81	ppb
Strontium	86-1	12686.43	12760.08	12517.43	12654.65	0.98	ppb
Strontium	88-1	12520.84	13006.79	12817.97	12781.86	1.92	ppb
Sulfur	34-1	11707.39	11286.79	12032.91	11675.70	3.20	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	516.74	539.97	532.41	529.71	2.24	ppb
Thallium	205-1	517.26	541.65	530.29	529.74	2.30	ppb
Tin	118-1	530.53	536.95	527.03	531.50	0.95	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5163.65	5068.98	5172.12	5134.92	1.12	ppb
Uranium	238-1	539.14	547.67	526.69	537.83	1.96	ppb
Vanadium	51-2	518.59	520.43	515.44	518.15	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	4790.91	4896.34	4865.17	4850.81	1.12	ppb
Zirconium	90-1	499.77	516.56	520.54	512.29	2.15	ppb
Zirconium	91-1	501.19	512.99	510.09	508.09	1.21	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:01:24	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	0.97	0.72	0.88	15.91	ppb
Antimony	121-1	0.03	0.06	0.05	0.05	33.39	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	107.63	ppb
Barium	135-1	0.08	0.06	0.02	0.06	57.45	ppb
Barium	137-1	0.05	0.02	0.06	0.05	47.89	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	15.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	19.17	18.39	16.09	17.88	8.95	ppb
Boron	11-1	19.82	18.60	17.17	18.53	7.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.00	0.02	91.28	ppb
Cadmium	106-1	1.36	0.93	-1.64	0.22	752.20	ppb
Cadmium	108-1	0.09	0.16	0.17	0.14	33.24	ppb
Calcium	43-1	3.37	2.44	1.99	2.60	27.11	ppb
Calcium	44-1	3.56	4.11	4.94	4.20	16.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.00	0.02	84.34	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	24.05	ppb
Copper	63-2	0.21	0.19	0.17	0.19	11.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	3.35	4.15	2.37	3.29	26.99	ppb
Iron	56-2	2.42	3.04	2.96	2.81	11.98	ppb
Iron	57-2	4.62	4.05	4.24	4.30	6.82	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:01:24	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.08	0.11	23.82	ppb
Lead	207-1	0.15	0.12	0.11	0.13	16.72	ppb
Lead	208-1	0.12	0.11	0.10	0.11	6.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.31	5.77	6.59	5.89	11.01	ppb
Manganese	55-2	0.06	0.13	0.12	0.10	35.63	ppb
Molybdenum	94-1	0.11	0.18	0.13	0.14	24.63	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	3.38	ppb
Molybdenum	96-1	0.16	0.14	0.15	0.15	6.63	ppb
Molybdenum	97-1	0.16	0.09	0.14	0.13	26.99	ppb
Molybdenum	98-1	0.15	0.13	0.12	0.14	10.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	0.01	0.01	185.04	ppb
Phosphorus	31-2	11.53	7.12	-79.71	-20.35		ppb
Potassium	39-2	16.37	27.97	17.31	20.55	31.36	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.28	0.07	-0.45	-0.22		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	0.91	0.52	0.35	191.93	ppb
Silicon	28-1	-7.38	-9.27	-8.34	-8.33		ppb
Silver	107-1	0.03	0.04	0.03	0.03	27.16	ppb
Silver	109-1	0.05	0.05	0.04	0.05	17.83	ppb
Sodium	23-2	30.50	28.76	23.65	27.64	12.88	ppb
Strontium	86-1	0.31	0.26	0.20	0.26	21.77	ppb
Strontium	88-1	0.30	0.24	0.23	0.26	15.21	ppb
Sulfur	34-1	-2423.32	-2385.74	-2240.43	-2349.83		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.08	0.08	0.07	26.48	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	17.64	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:01:24	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.04	0.10	0.02	370.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.94	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	43.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	0.22	0.03	0.46	0.24	91.84	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	22.15	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	60.36	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.40	7.72	8.19	8.10	4.31	ppb
Antimony	121-1	0.73	0.81	0.71	0.75	6.76	ppb
Arsenic	75-2	0.34	0.33	0.39	0.35	9.24	ppb
Barium	135-1	3.18	3.89	3.81	3.63	10.77	ppb
Barium	137-1	3.67	3.51	3.88	3.69	5.01	ppb
Beryllium	9-1	0.44	0.41	0.38	0.41	6.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	10.78	10.83	10.67	10.76	0.77	ppb
Boron	11-1	10.93	11.07	11.23	11.08	1.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.35	0.38	0.40	15.54	ppb
Cadmium	106-1	-1.48	-0.52	0.05	-0.65		ppb
Cadmium	108-1	0.16	0.82	0.26	0.41	86.81	ppb
Calcium	43-1	188.32	178.97	180.63	182.64	2.73	ppb
Calcium	44-1	192.91	182.80	183.04	186.25	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.73	0.73	0.73	1.39	ppb
Cobalt	59-2	0.43	0.39	0.44	0.42	6.94	ppb
Copper	63-2	0.87	0.80	0.88	0.85	4.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	80.78	76.06	79.72	78.85	3.14	ppb
Iron	56-2	75.72	72.51	72.78	73.67	2.42	ppb
Iron	57-2	75.91	74.07	70.96	73.65	3.39	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.36	0.40	0.39	5.28	ppb
Lead	207-1	0.36	0.34	0.36	0.35	3.31	ppb
Lead	208-1	0.38	0.36	0.37	0.37	2.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	202.05	190.66	190.18	194.29	3.46	ppb
Manganese	55-2	0.36	0.44	0.40	0.40	9.20	ppb
Molybdenum	94-1	2.28	2.38	2.25	2.30	3.15	ppb
Molybdenum	95-1	1.95	1.92	1.88	1.92	1.89	ppb
Molybdenum	96-1	2.01	2.00	1.92	1.98	2.65	ppb
Molybdenum	97-1	1.77	2.03	1.85	1.88	6.86	ppb
Molybdenum	98-1	1.79	2.01	1.91	1.90	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.37	0.38	0.39	7.45	ppb
Phosphorus	31-2	-46.62	-57.85	-12.26	-38.91		ppb
Potassium	39-2	186.75	184.28	179.15	183.39	2.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	2.40	2.53	2.95	2.63	10.93	ppb
Selenium	77-2	1.85	2.75	5.60	3.40	57.66	ppb
Selenium	78-2	3.92	2.54	2.76	3.07	24.14	ppb
Silicon	28-1	-2.07	-9.35	-8.59	-6.67		ppb
Silver	107-1	0.45	0.40	0.45	0.44	6.43	ppb
Silver	109-1	0.37	0.43	0.38	0.39	7.71	ppb
Sodium	23-2	208.79	198.60	200.41	202.60	2.68	ppb
Strontium	86-1	0.32	0.30	0.29	0.31	4.81	ppb
Strontium	88-1	0.41	0.40	0.39	0.40	2.22	ppb
Sulfur	34-1	-966.31	-1353.54	-1372.54	-1230.80		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.45	0.39	0.36	0.40	10.49	ppb
Thallium	205-1	0.40	0.39	0.36	0.38	6.02	ppb
Tin	118-1	1.95	2.03	1.96	1.98	2.04	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.84	2.04	1.86	1.91	5.79	ppb
Uranium	238-1	0.35	0.33	0.33	0.34	3.00	ppb
Vanadium	51-2	1.84	1.78	1.90	1.84	3.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.71	0.94	0.79	0.81	14.31	ppb
Zirconium	90-1	0.40	0.39	0.39	0.39	1.12	ppb
Zirconium	91-1	0.41	0.35	0.41	0.39	9.04	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.36	-0.36	-0.33		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	208.48	ppb
Arsenic	75-2	-0.01	0.04	-0.01	0.01	499.93	ppb
Barium	135-1	0.00	0.00	0.01	0.00	242.87	ppb
Barium	137-1	0.02	-0.01	0.01	0.01	189.63	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	33.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	3.07	3.62	2.67	3.12	15.29	ppb
Boron	11-1	3.33	3.44	2.56	3.11	15.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	0.00	0.00	427.96	ppb
Cadmium	106-1	-0.32	1.47	0.28	0.48	190.70	ppb
Cadmium	108-1	0.09	-0.05	0.04	0.02	290.30	ppb
Calcium	43-1	-2.58	-2.70	-3.60	-2.96		ppb
Calcium	44-1	-1.68	0.61	-2.78	-1.28		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	219.91	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	20.54	ppb
Copper	63-2	0.01	0.02	0.05	0.02	90.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	0.66	1.14	1.57	1.13	40.27	ppb
Iron	56-2	0.09	0.25	0.17	0.17	45.61	ppb
Iron	57-2	-0.26	0.09	-0.09	-0.08		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.06	0.01	0.03	81.11	ppb
Lead	207-1	0.03	0.01	0.01	0.02	55.43	ppb
Lead	208-1	0.04	0.04	0.00	0.03	76.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.73	0.48	-0.07	0.38	107.48	ppb
Manganese	55-2	0.00	0.01	0.02	0.01	62.99	ppb
Molybdenum	94-1	-0.02	0.03	0.02	0.01	271.88	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	62.48	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	75.46	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	60.60	ppb
Molybdenum	98-1	0.00	0.03	0.01	0.01	82.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	0.00	113472.58	ppb
Phosphorus	31-2	-96.61	-51.76	-115.30	-87.89		ppb
Potassium	39-2	1.31	7.25	-2.58	1.99	248.47	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	-0.14	-0.20	-0.22	-0.19		ppb
Selenium	77-2	0.89	0.00	0.00	0.30	173.21	ppb
Selenium	78-2	-0.74	0.03	-1.24	-0.65		ppb
Silicon	28-1	-11.24	0.96	-19.14	-9.80		ppb
Silver	107-1	0.00	0.02	0.00	0.01	87.22	ppb
Silver	109-1	0.01	0.02	0.01	0.01	32.77	ppb
Sodium	23-2	11.89	8.70	11.13	10.57	15.75	ppb
Strontium	86-1	-0.03	0.12	-0.04	0.02	591.58	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.88	ppb
Sulfur	34-1	-1198.62	-423.66	-2008.93	-1210.41		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.04	0.03	0.03	12.09	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.80	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.02		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	-0.02	-0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	274.84	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	0.00	-0.13	0.01	-0.04		ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	92.01	ppb
Zirconium	91-1	0.02	-0.01	0.03	0.01	189.42	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BS	Instrumnet Name :	P8
Client Sample ID :	PB149523BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:32:16	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.14	42.13	41.23	42.17	2.26	ppb
Antimony	121-1	4.08	3.86	3.80	3.91	3.80	ppb
Arsenic	75-2	2.42	2.15	1.98	2.18	10.26	ppb
Barium	135-1	19.87	19.27	18.75	19.30	2.89	ppb
Barium	137-1	18.97	19.17	18.90	19.01	0.75	ppb
Beryllium	9-1	2.18	2.11	2.02	2.10	3.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	44.84	46.53	49.86	47.08	5.42	ppb
Boron	11-1	47.41	48.16	50.36	48.65	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	2.21	2.20	2.15	2.19	1.60	ppb
Cadmium	106-1	3.17	1.97	2.43	2.52	23.94	ppb
Cadmium	108-1	2.26	2.47	1.41	2.04	27.55	ppb
Calcium	43-1	975.97	1003.58	940.87	973.48	3.23	ppb
Calcium	44-1	979.66	995.67	938.96	971.43	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.32	4.15	4.30	4.26	2.23	ppb
Cobalt	59-2	2.08	2.04	2.03	2.05	1.14	ppb
Copper	63-2	4.23	4.17	4.14	4.18	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	406.49	403.67	398.86	403.00	0.96	ppb
Iron	56-2	397.77	397.06	394.68	396.50	0.41	ppb
Iron	57-2	395.57	375.53	404.16	391.75	3.75	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BS	Instrumnet Name :	P8
Client Sample ID :	PB149523BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:32:16	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.80	1.93	1.73	1.82	5.57	ppb
Lead	207-1	1.84	1.88	1.83	1.85	1.39	ppb
Lead	208-1	1.80	1.94	1.79	1.84	4.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	1024.71	998.50	963.64	995.62	3.08	ppb
Manganese	55-2	2.16	2.11	1.85	2.04	8.12	ppb
Molybdenum	94-1	5.85	5.80	5.26	5.64	5.83	ppb
Molybdenum	95-1	2.29	2.35	2.26	2.30	1.97	ppb
Molybdenum	96-1	2.77	2.79	2.71	2.76	1.40	ppb
Molybdenum	97-1	2.40	2.39	2.24	2.35	3.74	ppb
Molybdenum	98-1	2.29	2.47	2.20	2.32	6.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.33	2.51	2.47	5.18	ppb
Phosphorus	31-2	-78.53	-97.82	-99.77	-92.04		ppb
Potassium	39-2	962.83	935.13	919.72	939.22	2.33	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	9.96	10.40	10.23	10.20	2.18	ppb
Selenium	77-2	11.70	11.74	9.83	11.09	9.81	ppb
Selenium	78-2	10.52	12.34	10.74	11.20	8.88	ppb
Silicon	28-1	3.39	7.40	-0.03	3.59	103.60	ppb
Silver	107-1	2.17	2.10	1.99	2.08	4.28	ppb
Silver	109-1	2.09	2.05	2.05	2.06	1.06	ppb
Sodium	23-2	988.29	989.34	947.78	975.14	2.43	ppb
Strontium	86-1	2.00	2.28	2.12	2.13	6.61	ppb
Strontium	88-1	2.12	2.15	2.01	2.09	3.63	ppb
Sulfur	34-1	-1067.48	-721.41	-1066.94	-951.94		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	1.95	2.08	1.86	1.96	5.51	ppb
Thallium	205-1	1.91	2.01	1.82	1.91	5.13	ppb
Tin	118-1	0.14	0.15	0.12	0.14	11.76	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BS	Instrumnet Name :	P8
Client Sample ID :	PB149523BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:32:16	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.86	10.77	10.20	10.28	4.49	ppb
Uranium	238-1	1.84	1.91	1.80	1.85	3.07	ppb
Vanadium	51-2	10.44	9.74	10.03	10.07	3.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	10.95	10.26	10.67	10.63	3.27	ppb
Zirconium	90-1	1.99	2.11	2.05	2.05	2.84	ppb
Zirconium	91-1	1.92	1.86	1.95	1.91	2.46	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.27	0.31	0.32	15.10	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	63.30	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	0.01	0.03	0.02	53.34	ppb
Barium	137-1	0.02	0.01	0.03	0.02	49.72	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	43.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	5.69	5.05	4.40	5.04	12.82	ppb
Boron	11-1	5.52	5.04	4.77	5.11	7.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.02	0.02	48.42	ppb
Cadmium	106-1	1.03	0.98	0.92	0.98	5.32	ppb
Cadmium	108-1	0.02	0.11	0.16	0.09	75.32	ppb
Calcium	43-1	13.40	12.42	11.06	12.29	9.52	ppb
Calcium	44-1	14.21	13.46	12.30	13.33	7.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	62.15	ppb
Copper	63-2	0.01	0.07	0.02	0.04	94.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	1.42	-0.11	-0.16	0.38	233.22	ppb
Iron	56-2	0.32	0.40	0.39	0.37	11.71	ppb
Iron	57-2	1.82	2.51	2.52	2.28	17.63	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.00	0.03	0.02	87.11	ppb
Lead	207-1	0.01	0.03	0.02	0.02	51.18	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.99	0.98	1.04	1.00	3.04	ppb
Manganese	55-2	0.00	-0.01	0.03	0.01	352.62	ppb
Molybdenum	94-1	0.01	0.00	0.02	0.01	94.26	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	166.89	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	6.13	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	19.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-60.51	-78.63	-110.93	-83.36		ppb
Potassium	39-2	-0.99	1.55	7.66	2.74	162.12	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	-0.39	0.09	0.08	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.13	-0.09	0.01	-0.07		ppb
Silicon	28-1	-8.32	-7.20	-8.06	-7.86		ppb
Silver	107-1	0.01	0.01	0.00	0.01	84.13	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.11	ppb
Sodium	23-2	9.40	7.27	6.87	7.85	17.30	ppb
Strontium	86-1	0.02	0.04	0.09	0.05	65.98	ppb
Strontium	88-1	0.06	0.05	0.05	0.06	15.45	ppb
Sulfur	34-1	-1000.69	-776.93	-1156.56	-978.06		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.03	0.03	13.25	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.33	ppb
Tin	118-1	0.27	-0.02	0.14	0.13	113.59	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	-0.05	-0.08	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.56	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	77.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.02	-0.12	-0.03	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	35.45	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	39.84	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.70	40.97	40.78	41.48	2.55	ppb
Antimony	121-1	3.91	4.09	4.05	4.02	2.44	ppb
Arsenic	75-2	2.20	2.02	2.41	2.21	8.75	ppb
Barium	135-1	20.25	19.72	18.88	19.61	3.53	ppb
Barium	137-1	19.59	19.51	19.10	19.40	1.35	ppb
Beryllium	9-1	2.11	2.10	2.12	2.11	0.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	46.29	49.27	50.19	48.58	4.20	ppb
Boron	11-1	47.85	50.65	51.41	49.97	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	2.10	2.25	2.27	2.21	4.26	ppb
Cadmium	106-1	2.47	1.02	2.24	1.91	40.78	ppb
Cadmium	108-1	2.15	2.00	1.66	1.94	12.85	ppb
Calcium	43-1	951.66	982.10	930.31	954.69	2.73	ppb
Calcium	44-1	975.71	1001.60	955.49	977.60	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.26	4.32	4.23	4.27	1.09	ppb
Cobalt	59-2	2.10	2.25	2.04	2.13	5.04	ppb
Copper	63-2	4.21	4.21	4.02	4.15	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	54-2	416.74	412.03	397.15	408.64	2.50	ppb
Iron	56-2	404.89	396.79	390.74	397.47	1.79	ppb
Iron	57-2	408.69	397.42	408.04	404.72	1.56	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.84	1.93	1.67	1.81	7.15	ppb
Lead	207-1	1.86	1.97	1.73	1.85	6.44	ppb
Lead	208-1	1.89	1.93	1.73	1.85	5.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	1007.50	998.10	985.23	996.94	1.12	ppb
Manganese	55-2	2.05	2.34	2.12	2.17	7.06	ppb
Molybdenum	94-1	5.66	5.80	5.41	5.62	3.55	ppb
Molybdenum	95-1	2.55	2.59	2.39	2.51	4.13	ppb
Molybdenum	96-1	2.78	2.97	2.73	2.83	4.56	ppb
Molybdenum	97-1	2.33	2.47	2.31	2.37	3.64	ppb
Molybdenum	98-1	2.36	2.60	2.28	2.41	6.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.21	2.24	2.33	8.11	ppb
Phosphorus	31-2	-32.17	-112.01	-69.52	-71.23		ppb
Potassium	39-2	929.21	945.16	932.08	935.48	0.91	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	10.74	11.30	10.31	10.78	4.58	ppb
Selenium	77-2	12.65	5.37	11.63	9.88	39.91	ppb
Selenium	78-2	11.46	8.67	9.40	9.84	14.71	ppb
Silicon	28-1	-1.94	5.07	-2.24	0.30	1395.39	ppb
Silver	107-1	2.16	2.05	2.05	2.08	3.23	ppb
Silver	109-1	2.05	2.19	2.19	2.14	3.77	ppb
Sodium	23-2	980.74	988.26	956.81	975.27	1.68	ppb
Strontium	86-1	2.15	2.22	2.10	2.16	2.79	ppb
Strontium	88-1	2.09	2.15	2.06	2.10	2.10	ppb
Sulfur	34-1	-1364.76	-1007.99	-1535.17	-1302.64		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1.77	2.00	1.82	1.86	6.59	ppb
Thallium	205-1	1.95	2.10	1.97	2.01	3.97	ppb
Tin	118-1	0.13	0.18	0.10	0.14	28.85	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.65	10.35	9.94	10.31	3.46	ppb
Uranium	238-1	1.84	1.97	1.69	1.83	7.59	ppb
Vanadium	51-2	10.31	9.88	9.73	9.98	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	10.65	11.14	11.62	11.13	4.37	ppb
Zirconium	90-1	2.10	2.05	2.02	2.06	1.84	ppb
Zirconium	91-1	2.04	2.06	1.95	2.02	2.93	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.48	-0.14	-0.31		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	59.06	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	724.98	ppb
Barium	135-1	0.00	0.01	0.00	0.00	347.61	ppb
Barium	137-1	0.00	0.00	0.00	0.00	47.47	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	29.40	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	5.32	5.28	4.75	5.12	6.18	ppb
Boron	11-1	5.70	5.45	4.91	5.36	7.52	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.05	0.01	0.02	109.20	ppb
Cadmium	106-1	1.28	4.69	0.65	2.21	98.55	ppb
Cadmium	108-1	0.08	-0.06	-0.04	0.00		ppb
Calcium	43-1	-1.99	-1.84	-2.54	-2.12		ppb
Calcium	44-1	-1.94	-0.79	-4.12	-2.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.06	0.02	181.77	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	164.48	ppb
Copper	63-2	0.00	0.03	0.04	0.03	77.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	54-2	0.69	0.69	1.81	1.06	60.51	ppb
Iron	56-2	-0.16	0.03	0.68	0.18	243.70	ppb
Iron	57-2	1.64	0.46	2.64	1.58	68.94	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.03	0.02	0.01	177.34	ppb
Lead	207-1	0.05	0.07	0.00	0.04	88.12	ppb
Lead	208-1	0.01	0.04	0.00	0.02	92.57	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.06	0.07	0.96	0.37	141.27	ppb
Manganese	55-2	-0.02	-0.01	0.01	-0.01		ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	276.66	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	35.05	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	33.80	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	85.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	811.09	ppb
Phosphorus	31-2	-117.85	-72.92	-110.76	-100.51		ppb
Potassium	39-2	-5.25	-5.58	1.89	-2.98		ppb
Rhodium	103-1				116		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	-0.14	-0.26	0.01	-0.13		ppb
Selenium	77-2	0.87	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.60	-0.19	0.77	-0.01		ppb
Silicon	28-1	-10.02	-8.79	-27.01	-15.27		ppb
Silver	107-1	0.01	0.02	0.01	0.01	41.43	ppb
Silver	109-1	0.01	0.02	0.01	0.01	21.22	ppb
Sodium	23-2	6.17	5.11	8.64	6.64	27.23	ppb
Strontium	86-1	-0.04	0.04	-0.05	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1073.60	-1118.31	-2299.24	-1497.05		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.03	0.02	0.02	25.89	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	22.64	ppb
Tin	118-1	0.33	0.08	0.06	0.16	94.76	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.81	ppb
Vanadium	51-2	0.00	0.00	0.02	0.00	266.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	-0.11	-0.01	0.04	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	68.25	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	63.28	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10194.43	9976.48	9978.52	10049.81	1.25	ppb
Antimony	121-1	523.03	514.22	509.74	515.66	1.31	ppb
Arsenic	75-2	519.88	522.41	506.96	516.42	1.61	ppb
Barium	135-1	2630.54	2543.28	2490.94	2554.92	2.76	ppb
Barium	137-1	2598.36	2484.37	2358.92	2480.55	4.83	ppb
Beryllium	9-1	528.32	488.60	527.16	514.69	4.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	587.47	609.76	640.86	612.70	4.38	ppb
Boron	11-1	548.45	584.58	628.25	587.09	6.81	ppb
Bromine	81-1						cps
Cadmium	111-1	535.21	509.56	497.60	514.13	3.74	ppb
Cadmium	106-1	550.21	529.57	520.68	533.49	2.84	ppb
Cadmium	108-1	540.90	504.89	513.08	519.62	3.63	ppb
Calcium	43-1	57277.17	55690.19	53343.13	55436.83	3.57	ppb
Calcium	44-1	52733.60	52270.33	51824.55	52276.16	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.91	499.84	496.63	498.79	0.38	ppb
Cobalt	59-2	511.52	497.87	495.66	501.68	1.71	ppb
Copper	63-2	5231.08	5201.07	5123.25	5185.14	1.07	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				115		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	27264.95	27984.60	27077.05	27442.20	1.75	ppb
Iron	56-2	26431.27	26213.10	25845.00	26163.12	1.13	ppb
Iron	57-2	25832.27	25413.78	24623.27	25289.78	2.43	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2457.88	2492.09	2435.44	2461.80	1.16	ppb
Lead	207-1	2394.85	2540.91	2446.10	2460.62	3.01	ppb
Lead	208-1	2419.04	2539.98	2437.03	2465.35	2.65	ppb
Lithium	6-1				102		%
Magnesium	24-2	51361.94	52596.10	50566.80	51508.28	1.99	ppb
Manganese	55-2	5208.02	5112.57	5160.30	5160.29	0.92	ppb
Molybdenum	94-1	5020.89	4749.75	4649.83	4806.82	3.99	ppb
Molybdenum	95-1	4968.60	4805.33	4793.00	4855.65	2.02	ppb
Molybdenum	96-1	5152.95	4873.57	4754.80	4927.11	4.15	ppb
Molybdenum	97-1	5018.16	4683.92	4687.19	4796.42	4.00	ppb
Molybdenum	98-1	5037.69	4842.41	4715.03	4865.05	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.62	528.78	522.59	525.00	0.63	ppb
Phosphorus	31-2	9854.17	10050.62	9851.73	9918.84	1.15	ppb
Potassium	39-2	24850.86	25647.43	24565.23	25021.17	2.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	492.45	488.31	474.54	485.10	1.93	ppb
Selenium	77-2	532.14	563.66	542.21	546.00	2.95	ppb
Selenium	78-2	524.49	517.80	508.53	516.94	1.55	ppb
Silicon	28-1	1963.27	1961.16	1975.79	1966.74	0.40	ppb
Silver	107-1	551.77	522.47	528.60	534.28	2.89	ppb
Silver	109-1	546.52	529.70	510.90	529.04	3.37	ppb
Sodium	23-2	49167.67	50851.59	49934.52	49984.60	1.69	ppb
Strontium	86-1	12394.34	12327.33	12227.29	12316.32	0.68	ppb
Strontium	88-1	12273.96	12059.32	12006.41	12113.23	1.17	ppb
Sulfur	34-1	13130.22	12372.09	12378.42	12626.91	3.45	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	518.85	503.77	478.87	500.50	4.03	ppb
Thallium	205-1	501.66	496.65	492.66	496.99	0.91	ppb
Tin	118-1	540.45	523.80	492.46	518.91	4.70	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5041.39	4983.34	5001.70	5008.81	0.59	ppb
Uranium	238-1	504.05	506.48	504.05	504.86	0.28	ppb
Vanadium	51-2	505.88	509.19	506.52	507.20	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				106		%
Zinc	66-2	5287.33	5153.42	5157.84	5199.53	1.46	ppb
Zirconium	90-1	512.31	490.50	494.98	499.26	2.31	ppb
Zirconium	91-1	501.12	472.69	466.03	479.95	3.88	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.02	-0.14	-0.09		ppb
Antimony	121-1	0.01	0.04	0.05	0.03	68.10	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	215.49	ppb
Barium	135-1	0.03	0.02	0.03	0.03	23.85	ppb
Barium	137-1	0.06	0.04	0.04	0.04	28.96	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	17.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				112		%
Boron	10-1	11.49	10.52	10.00	10.67	7.07	ppb
Boron	11-1	11.75	11.58	10.51	11.28	5.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.03	-0.01		ppb
Cadmium	106-1	0.63	-0.16	-3.47	-1.00		ppb
Cadmium	108-1	-0.03	0.21	0.01	0.06	202.01	ppb
Calcium	43-1	-1.14	-2.05	-1.26	-1.48		ppb
Calcium	44-1	-0.66	-1.79	-1.62	-1.36		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	1771.35	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	6.88	ppb
Copper	63-2	0.08	0.05	0.08	0.07	30.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	-0.45	0.25	0.87	0.22	296.06	ppb
Iron	56-2	0.19	0.30	0.21	0.24	24.69	ppb
Iron	57-2	1.81	3.70	0.63	2.05	75.65	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.09	0.06	42.06	ppb
Lead	207-1	0.06	0.04	0.04	0.05	25.62	ppb
Lead	208-1	0.05	0.04	0.06	0.05	25.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.64	0.53	0.90	0.69	27.42	ppb
Manganese	55-2	0.08	0.10	0.08	0.08	11.39	ppb
Molybdenum	94-1	0.11	0.05	0.08	0.08	42.04	ppb
Molybdenum	95-1	0.07	0.11	0.06	0.08	30.99	ppb
Molybdenum	96-1	0.12	0.08	0.08	0.09	25.98	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	27.02	ppb
Molybdenum	98-1	0.09	0.07	0.08	0.08	13.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	22.93	ppb
Phosphorus	31-2	-120.58	-68.91	-108.37	-99.29		ppb
Potassium	39-2	-13.91	-5.56	-7.12	-8.86		ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-0.26	-0.46	-0.35	-0.36		ppb
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-1.00	0.28	-0.51	-0.41		ppb
Silicon	28-1	-14.51	-14.89	-18.73	-16.04		ppb
Silver	107-1	0.05	0.05	0.04	0.05	11.49	ppb
Silver	109-1	0.06	0.05	0.03	0.05	31.47	ppb
Sodium	23-2	5.07	3.45	6.01	4.84	26.72	ppb
Strontium	86-1	0.04	0.13	0.12	0.10	50.19	ppb
Strontium	88-1	0.13	0.12	0.17	0.14	17.75	ppb
Sulfur	34-1	-2197.21	-2162.72	-2340.58	-2233.51		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.04	0.05	0.04	17.44	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	17.54	ppb
Tin	118-1	0.03	-0.02	-0.03	0.00		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.15	0.07	0.08	81.66	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	17.18	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	24.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	0.13	-0.07	0.04	276.89	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	42.24	ppb
Zirconium	91-1	0.02	0.00	0.04	0.02	85.50	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10117.52	10037.98	9771.78	9975.76	1.82	ppb
Antimony	121-1	508.72	527.71	516.77	517.73	1.84	ppb
Arsenic	75-2	511.14	498.70	497.22	502.36	1.52	ppb
Barium	135-1	2573.68	2566.62	2479.28	2539.86	2.07	ppb
Barium	137-1	2496.80	2589.17	2545.89	2543.95	1.82	ppb
Beryllium	9-1	520.12	530.09	511.65	520.62	1.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	617.44	617.51	645.95	626.97	2.62	ppb
Boron	11-1	602.85	606.07	628.21	612.38	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	498.78	512.35	519.88	510.33	2.09	ppb
Cadmium	106-1	521.85	526.20	521.91	523.32	0.48	ppb
Cadmium	108-1	503.63	507.28	513.08	508.00	0.94	ppb
Calcium	43-1	55868.31	54696.48	54687.30	55084.03	1.23	ppb
Calcium	44-1	53493.96	52098.49	54046.61	53213.02	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.06	490.50	485.25	493.60	2.08	ppb
Cobalt	59-2	500.04	494.76	494.87	496.56	0.61	ppb
Copper	63-2	5164.76	5053.36	5100.62	5106.25	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	26900.77	27076.39	27599.34	27192.17	1.34	ppb
Iron	56-2	26397.28	26092.78	25243.59	25911.21	2.31	ppb
Iron	57-2	25354.88	24795.26	24711.11	24953.75	1.40	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.43	2528.53	2448.41	2469.45	2.10	ppb
Lead	207-1	2507.96	2590.92	2459.53	2519.47	2.64	ppb
Lead	208-1	2496.38	2558.54	2480.12	2511.68	1.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	50964.13	51264.02	51216.69	51148.28	0.32	ppb
Manganese	55-2	5155.17	5079.17	5001.21	5078.52	1.52	ppb
Molybdenum	94-1	4966.41	5017.58	4843.05	4942.35	1.82	ppb
Molybdenum	95-1	5041.92	5050.75	4917.34	5003.33	1.49	ppb
Molybdenum	96-1	5076.90	4887.61	4885.46	4949.99	2.22	ppb
Molybdenum	97-1	4970.68	4833.86	4829.98	4878.17	1.64	ppb
Molybdenum	98-1	4978.51	4901.65	4903.85	4928.00	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.21	508.70	507.41	513.11	1.71	ppb
Phosphorus	31-2	10088.16	9945.68	9779.43	9937.75	1.55	ppb
Potassium	39-2	24896.09	24212.05	24648.13	24585.42	1.41	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	504.95	495.67	493.24	497.95	1.24	ppb
Selenium	77-2	533.07	517.24	505.07	518.46	2.71	ppb
Selenium	78-2	517.20	509.93	493.69	506.94	2.38	ppb
Silicon	28-1	1946.29	1974.61	2013.19	1978.03	1.70	ppb
Silver	107-1	521.38	524.68	525.62	523.89	0.43	ppb
Silver	109-1	517.01	512.34	526.01	518.45	1.34	ppb
Sodium	23-2	51776.28	48481.07	50060.50	50105.95	3.29	ppb
Strontium	86-1	12560.60	12406.97	12206.95	12391.51	1.43	ppb
Strontium	88-1	12542.73	12606.59	12131.99	12427.11	2.07	ppb
Sulfur	34-1	11845.40	11982.23	12222.71	12016.78	1.59	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	492.90	507.16	480.72	493.59	2.68	ppb
Thallium	205-1	522.70	528.32	501.18	517.40	2.77	ppb
Tin	118-1	499.97	522.36	514.86	512.40	2.22	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4953.97	5090.04	5173.21	5072.40	2.18	ppb
Uranium	238-1	492.81	512.22	513.50	506.17	2.29	ppb
Vanadium	51-2	508.10	497.84	489.52	498.48	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	5218.12	5021.10	5024.25	5087.82	2.22	ppb
Zirconium	90-1	509.42	493.10	488.43	496.98	2.22	ppb
Zirconium	91-1	487.32	480.48	476.72	481.51	1.12	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51804.05	50137.74	52226.88	51389.56	2.15	ppb
Antimony	121-1	514.48	501.14	502.83	506.15	1.43	ppb
Arsenic	75-2	496.69	486.28	488.28	490.41	1.13	ppb
Barium	135-1	2633.16	2593.13	2634.72	2620.34	0.90	ppb
Barium	137-1	2594.41	2572.36	2588.74	2585.17	0.44	ppb
Beryllium	9-1	516.39	492.94	484.77	498.04	3.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	644.26	651.58	649.32	648.39	0.58	ppb
Boron	11-1	611.92	655.92	618.71	628.85	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	512.62	504.03	512.00	509.55	0.94	ppb
Cadmium	106-1	530.31	521.70	512.30	521.44	1.73	ppb
Cadmium	108-1	527.97	501.71	513.32	514.33	2.56	ppb
Calcium	43-1	251314.08	244098.43	242703.99	246038.83	1.88	ppb
Calcium	44-1	255800.02	238540.50	251689.69	248676.74	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.88	507.06	504.49	507.14	0.53	ppb
Cobalt	59-2	513.33	490.49	480.20	494.67	3.43	ppb
Copper	63-2	5311.83	5186.02	5051.49	5183.11	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	132818.75	129324.17	124852.18	128998.37	3.10	ppb
Iron	56-2	129122.63	127047.04	127086.70	127752.12	0.93	ppb
Iron	57-2	126899.21	124945.69	125819.46	125888.12	0.78	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2568.10	2579.71	2565.46	2571.09	0.29	ppb
Lead	207-1	2582.17	2519.10	2639.41	2580.23	2.33	ppb
Lead	208-1	2544.89	2569.61	2619.58	2578.03	1.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	253121.93	251490.11	255271.23	253294.42	0.75	ppb
Manganese	55-2	5283.33	5239.98	5092.05	5205.12	1.93	ppb
Molybdenum	94-1	5157.42	5165.06	5110.97	5144.48	0.57	ppb
Molybdenum	95-1	5123.00	5150.22	5141.74	5138.32	0.27	ppb
Molybdenum	96-1	5149.98	5323.16	5153.14	5208.76	1.90	ppb
Molybdenum	97-1	5053.22	5267.27	5121.94	5147.48	2.12	ppb
Molybdenum	98-1	5105.63	5295.61	5080.95	5160.73	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.87	523.24	519.75	525.95	1.51	ppb
Phosphorus	31-2	9994.85	9853.80	9856.58	9901.74	0.81	ppb
Potassium	39-2	123453.07	120383.94	121974.57	121937.19	1.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	485.26	499.61	491.33	492.06	1.46	ppb
Selenium	77-2	505.83	527.31	475.28	502.81	5.20	ppb
Selenium	78-2	523.79	507.81	491.46	507.69	3.18	ppb
Silicon	28-1	2131.66	1992.96	2004.02	2042.88	3.77	ppb
Silver	107-1	529.46	515.37	514.70	519.84	1.60	ppb
Silver	109-1	518.71	519.45	520.78	519.65	0.20	ppb
Sodium	23-2	252744.46	250565.23	249374.22	250894.64	0.68	ppb
Strontium	86-1	12910.77	12711.30	13139.79	12920.62	1.66	ppb
Strontium	88-1	13007.80	12810.82	12771.89	12863.50	0.98	ppb
Sulfur	34-1	12048.36	11476.55	11696.74	11740.55	2.46	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	499.48	532.29	534.20	521.99	3.74	ppb
Thallium	205-1	507.69	524.77	525.47	519.31	1.94	ppb
Tin	118-1	526.07	519.41	517.69	521.05	0.85	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5293.57	5126.35	5179.57	5199.83	1.64	ppb
Uranium	238-1	525.82	532.76	554.07	537.55	2.74	ppb
Vanadium	51-2	524.19	506.41	514.46	515.02	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	4975.01	4782.35	4803.33	4853.56	2.18	ppb
Zirconium	90-1	517.72	514.24	515.20	515.72	0.35	ppb
Zirconium	91-1	501.85	508.79	503.63	504.76	0.71	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:05:55	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.04	0.38	0.20	107.10	ppb
Antimony	121-1	0.05	0.07	0.14	0.09	54.98	ppb
Arsenic	75-2	0.01	0.05	0.00	0.02	140.19	ppb
Barium	135-1	0.01	0.03	0.00	0.01	105.53	ppb
Barium	137-1	0.05	0.06	0.02	0.04	49.44	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	21.34	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	28.43	27.14	26.68	27.42	3.31	ppb
Boron	11-1	29.58	28.01	26.42	28.00	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.02	0.01	152.13	ppb
Cadmium	106-1	-1.52	-1.42	-0.76	-1.23		ppb
Cadmium	108-1	-0.10	0.12	-0.06	-0.01		ppb
Calcium	43-1	-0.42	1.36	-1.32	-0.13		ppb
Calcium	44-1	2.24	2.27	1.25	1.92	30.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.04	0.02	61.56	ppb
Cobalt	59-2	0.00	0.00	0.02	0.01	148.56	ppb
Copper	63-2	0.16	0.14	0.09	0.13	28.14	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				108		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	0.71	1.14	0.75	0.87	27.09	ppb
Iron	56-2	1.08	0.75	1.15	1.00	21.54	ppb
Iron	57-2	0.99	2.25	1.93	1.73	38.10	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:05:55	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.10	0.09	16.91	ppb
Lead	207-1	0.11	0.11	0.05	0.09	41.27	ppb
Lead	208-1	0.09	0.09	0.08	0.09	9.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.47	2.46	0.95	1.63	47.18	ppb
Manganese	55-2	0.02	0.04	0.01	0.02	68.57	ppb
Molybdenum	94-1	0.11	0.07	0.13	0.10	28.46	ppb
Molybdenum	95-1	0.12	0.12	0.12	0.12	2.39	ppb
Molybdenum	96-1	0.13	0.16	0.10	0.13	22.76	ppb
Molybdenum	97-1	0.11	0.15	0.10	0.12	21.58	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	6.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.03	0.00	1150.63	ppb
Phosphorus	31-2	-143.09	-63.80	-103.05	-103.31		ppb
Potassium	39-2	26.15	11.29	27.11	21.52	41.21	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	-0.23	-0.05	-0.14	-0.14		ppb
Selenium	77-2	0.00	0.92	0.00	0.31	173.21	ppb
Selenium	78-2	-0.65	-1.04	-0.38	-0.69		ppb
Silicon	28-1	-5.61	-10.55	-8.46	-8.20		ppb
Silver	107-1	0.13	0.10	0.09	0.11	19.71	ppb
Silver	109-1	0.16	0.13	0.10	0.13	21.74	ppb
Sodium	23-2	26.27	24.23	24.83	25.11	4.16	ppb
Strontium	86-1	0.09	0.25	0.12	0.15	53.14	ppb
Strontium	88-1	0.13	0.19	0.13	0.15	25.22	ppb
Sulfur	34-1	-2647.60	-2768.49	-2783.04	-2733.04		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.07	0.07	0.07	7.09	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.65	ppb
Tin	118-1	0.30	-0.02	0.01	0.10	180.08	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:05:55	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.08	0.04	87.34	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	38.22	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.06	0.20	0.03	0.10	89.58	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	46.64	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	71.04	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.81	-0.07	0.21	243.50	ppb
Antimony	121-1	0.01	0.03	0.06	0.03	81.59	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	64.56	ppb
Barium	135-1	0.02	0.04	0.01	0.03	54.03	ppb
Barium	137-1	0.02	0.02	0.00	0.01	73.03	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	18.81	17.26	17.50	17.86	4.66	ppb
Boron	11-1	19.23	17.87	17.84	18.31	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.01	0.01	169.04	ppb
Cadmium	106-1	-1.38	-0.96	0.27	-0.69		ppb
Cadmium	108-1	-0.02	0.08	0.18	0.08	129.34	ppb
Calcium	43-1	-1.40	-1.19	0.19	-0.80		ppb
Calcium	44-1	-0.51	-0.13	0.00	-0.21		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.06	0.06	0.05	32.01	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	46.47	ppb
Copper	63-2	0.10	0.26	0.09	0.15	65.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	1.19	4.85	1.64	2.56	78.01	ppb
Iron	56-2	0.58	2.94	0.54	1.35	101.78	ppb
Iron	57-2	0.17	3.30	0.37	1.28	137.17	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.05	0.06	22.30	ppb
Lead	207-1	0.10	0.08	0.09	0.09	15.59	ppb
Lead	208-1	0.08	0.06	0.06	0.07	15.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.81	6.83	1.43	3.02	109.56	ppb
Manganese	55-2	0.02	0.17	0.02	0.07	127.24	ppb
Molybdenum	94-1	0.09	0.06	0.06	0.07	23.82	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	11.11	ppb
Molybdenum	96-1	0.05	0.08	0.09	0.07	28.13	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	13.18	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	8.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.01	0.00	0.03	126.76	ppb
Phosphorus	31-2	-59.55	-73.00	-84.53	-72.36		ppb
Potassium	39-2	4.84	6.99	8.15	6.66	25.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	-0.37	-0.44	0.07	-0.25		ppb
Selenium	77-2	0.92	0.92	0.00	0.62	86.60	ppb
Selenium	78-2	-1.10	0.54	0.43	-0.04		ppb
Silicon	28-1	-19.00	-16.39	-14.43	-16.61		ppb
Silver	107-1	0.07	0.05	0.06	0.06	13.84	ppb
Silver	109-1	0.07	0.06	0.06	0.06	13.78	ppb
Sodium	23-2	16.41	16.19	14.21	15.61	7.79	ppb
Strontium	86-1	0.15	0.08	0.10	0.11	31.06	ppb
Strontium	88-1	0.12	0.13	0.10	0.12	12.46	ppb
Sulfur	34-1	-2984.58	-2725.53	-2481.37	-2730.49		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.07	0.06	0.06	6.47	ppb
Thallium	205-1	0.06	0.05	0.06	0.05	5.69	ppb
Tin	118-1	-0.01	-0.04	-0.02	-0.03		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	-0.06	-0.02		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	24.03	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	42.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	0.35	0.06	0.18	86.61	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	27.41	ppb
Zirconium	91-1	0.00	-0.01	0.03	0.01	228.13	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10272.25	10279.36	9868.31	10139.97	2.32	ppb
Antimony	121-1	506.71	507.81	513.33	509.28	0.70	ppb
Arsenic	75-2	519.33	498.87	499.93	506.04	2.28	ppb
Barium	135-1	2539.18	2455.78	2472.63	2489.20	1.77	ppb
Barium	137-1	2508.60	2458.90	2428.60	2465.37	1.64	ppb
Beryllium	9-1	525.08	526.43	529.94	527.15	0.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	603.34	612.24	629.89	615.16	2.20	ppb
Boron	11-1	603.62	613.59	639.92	619.05	3.03	ppb
Bromine	81-1						cps
Cadmium	111-1	510.21	510.08	512.60	510.96	0.28	ppb
Cadmium	106-1	513.57	517.48	522.91	517.98	0.91	ppb
Cadmium	108-1	513.16	511.02	524.99	516.39	1.46	ppb
Calcium	43-1	58928.38	53407.45	56268.25	56201.36	4.91	ppb
Calcium	44-1	55122.19	53286.38	50669.17	53025.91	4.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.52	509.97	493.48	502.99	1.70	ppb
Cobalt	59-2	508.65	508.04	492.06	502.92	1.87	ppb
Copper	63-2	5230.56	5453.74	5076.88	5253.73	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	28234.71	28038.18	26375.45	27549.45	3.71	ppb
Iron	56-2	26632.73	27139.02	25739.08	26503.61	2.67	ppb
Iron	57-2	25881.90	25913.75	24898.91	25564.85	2.26	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2448.18	2404.39	2415.12	2422.57	0.94	ppb
Lead	207-1	2571.85	2408.69	2554.95	2511.83	3.57	ppb
Lead	208-1	2521.66	2427.43	2524.67	2491.25	2.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	51836.11	51892.09	49735.58	51154.60	2.40	ppb
Manganese	55-2	5224.13	5083.15	4933.08	5080.12	2.87	ppb
Molybdenum	94-1	4761.34	5031.10	4974.84	4922.43	2.89	ppb
Molybdenum	95-1	4882.02	5099.46	4990.74	4990.74	2.18	ppb
Molybdenum	96-1	5009.00	5101.04	5101.00	5070.35	1.05	ppb
Molybdenum	97-1	4810.51	5030.41	5086.16	4975.70	2.93	ppb
Molybdenum	98-1	4790.77	5056.43	4900.09	4915.76	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.16	534.06	503.28	525.17	3.63	ppb
Phosphorus	31-2	9871.95	10168.94	9802.89	9947.93	1.96	ppb
Potassium	39-2	25073.35	25644.70	24772.96	25163.67	1.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	490.83	509.75	510.20	503.59	2.20	ppb
Selenium	77-2	503.30	503.53	511.16	505.99	0.88	ppb
Selenium	78-2	518.34	500.01	506.34	508.23	1.83	ppb
Silicon	28-1	2028.05	1961.29	1919.78	1969.71	2.77	ppb
Silver	107-1	546.05	525.55	528.34	533.31	2.08	ppb
Silver	109-1	510.51	514.93	515.85	513.76	0.56	ppb
Sodium	23-2	51936.34	51361.78	49616.28	50971.47	2.37	ppb
Strontium	86-1	12606.41	13084.99	12517.67	12736.36	2.40	ppb
Strontium	88-1	12370.99	13112.25	12648.23	12710.49	2.95	ppb
Sulfur	34-1	11747.72	11170.74	10603.78	11174.08	5.12	ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	504.74	496.39	497.05	499.39	0.93	ppb
Thallium	205-1	521.87	502.18	491.85	505.30	3.02	ppb
Tin	118-1	516.95	505.61	513.75	512.10	1.14	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5171.10	4995.91	4961.15	5042.72	2.23	ppb
Uranium	238-1	506.36	480.64	489.25	492.08	2.66	ppb
Vanadium	51-2	511.09	519.48	498.46	509.68	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	5246.65	5278.19	5079.68	5201.50	2.05	ppb
Zirconium	90-1	498.42	497.81	500.12	498.78	0.24	ppb
Zirconium	91-1	479.58	498.16	496.07	491.27	2.07	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49439.02	50220.89	48634.06	49431.32	1.61	ppb
Antimony	121-1	506.91	504.53	501.89	504.44	0.50	ppb
Arsenic	75-2	494.86	485.53	479.97	486.78	1.55	ppb
Barium	135-1	2577.37	2685.52	2537.05	2599.98	2.95	ppb
Barium	137-1	2513.84	2627.39	2531.84	2557.69	2.39	ppb
Beryllium	9-1	505.62	502.79	516.95	508.45	1.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	634.95	665.92	684.71	661.86	3.80	ppb
Boron	11-1	604.48	685.82	681.38	657.23	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	502.76	520.46	502.54	508.59	2.02	ppb
Cadmium	106-1	518.82	535.35	517.89	524.02	1.87	ppb
Cadmium	108-1	518.73	527.99	522.55	523.09	0.89	ppb
Calcium	43-1	241096.70	239244.59	242621.64	240987.64	0.70	ppb
Calcium	44-1	237345.26	241069.03	240960.14	239791.48	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.00	498.04	499.77	501.94	1.06	ppb
Cobalt	59-2	491.04	485.72	486.59	487.78	0.59	ppb
Copper	63-2	5259.18	5258.34	5009.56	5175.69	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	131750.46	126040.08	124378.85	127389.80	3.04	ppb
Iron	56-2	128788.06	122667.43	123845.27	125100.25	2.60	ppb
Iron	57-2	128952.15	123822.75	125532.83	126102.58	2.07	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2608.67	2590.44	2597.43	2598.85	0.35	ppb
Lead	207-1	2722.05	2638.12	2540.44	2633.54	3.45	ppb
Lead	208-1	2650.95	2627.21	2574.42	2617.53	1.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	253752.96	238937.03	243441.72	245377.24	3.10	ppb
Manganese	55-2	5190.52	5081.59	4885.14	5052.41	3.06	ppb
Molybdenum	94-1	5186.91	4965.46	5116.69	5089.69	2.22	ppb
Molybdenum	95-1	5254.27	5081.09	5019.35	5118.24	2.38	ppb
Molybdenum	96-1	5181.54	5030.85	5188.65	5133.68	1.74	ppb
Molybdenum	97-1	5056.14	5022.86	5068.19	5049.06	0.47	ppb
Molybdenum	98-1	5155.46	4960.26	5158.64	5091.45	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.41	521.22	518.40	521.68	0.68	ppb
Phosphorus	31-2	10068.25	9576.53	9611.61	9752.13	2.81	ppb
Potassium	39-2	123032.17	121364.31	119630.16	121342.21	1.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	502.32	488.50	502.47	497.76	1.61	ppb
Selenium	77-2	524.17	527.82	472.72	508.23	6.06	ppb
Selenium	78-2	528.30	500.01	499.41	509.24	3.24	ppb
Silicon	28-1	1943.40	1984.74	1994.91	1974.35	1.38	ppb
Silver	107-1	530.46	540.02	521.65	530.71	1.73	ppb
Silver	109-1	520.03	536.05	519.14	525.07	1.81	ppb
Sodium	23-2	249351.86	237962.69	241598.01	242970.85	2.39	ppb
Strontium	86-1	12885.74	12652.69	13107.26	12881.90	1.76	ppb
Strontium	88-1	12978.52	12501.53	13400.19	12960.08	3.47	ppb
Sulfur	34-1	10394.62	10462.45	11087.32	10648.13	3.59	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	543.01	537.24	543.36	541.20	0.63	ppb
Thallium	205-1	545.59	527.23	533.94	535.59	1.73	ppb
Tin	118-1	505.59	536.31	513.16	518.35	3.09	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4940.79	5286.79	5112.43	5113.34	3.38	ppb
Uranium	238-1	551.52	535.13	544.44	543.70	1.51	ppb
Vanadium	51-2	526.23	510.89	503.82	513.64	2.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	4933.97	4848.04	4775.54	4852.52	1.63	ppb
Zirconium	90-1	520.16	507.43	515.17	514.25	1.25	ppb
Zirconium	91-1	513.76	496.60	509.88	506.75	1.78	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.48	4.83	2.24	3.52	36.84	ppb
Antimony	121-1	0.02	0.05	0.07	0.04	53.79	ppb
Arsenic	75-2	0.05	0.12	0.03	0.07	67.77	ppb
Barium	135-1	0.04	0.15	0.16	0.12	60.56	ppb
Barium	137-1	0.05	0.12	0.16	0.11	51.16	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	13.96	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	17.40	16.93	15.64	16.66	5.45	ppb
Boron	11-1	18.46	17.85	16.74	17.68	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.01	0.05	0.04	52.74	ppb
Cadmium	106-1	1.68	-0.29	-1.76	-0.12		ppb
Cadmium	108-1	-0.10	0.11	0.00	0.00	2263.57	ppb
Calcium	43-1	-1.43	7.78	9.28	5.21	111.26	ppb
Calcium	44-1	1.51	9.35	10.58	7.15	68.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.07	0.06	0.05	35.17	ppb
Cobalt	59-2	0.05	0.08	0.02	0.05	57.92	ppb
Copper	63-2	0.58	0.77	0.29	0.55	44.27	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				114		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	54-2	9.11	15.67	6.37	10.38	46.03	ppb
Iron	56-2	8.74	12.89	5.31	8.98	42.27	ppb
Iron	57-2	12.01	13.54	6.62	10.72	33.92	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.16	0.21	0.15	39.86	ppb
Lead	207-1	0.10	0.18	0.16	0.14	28.84	ppb
Lead	208-1	0.09	0.16	0.19	0.15	33.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	19.02	32.76	9.28	20.35	57.98	ppb
Manganese	55-2	0.55	0.80	0.24	0.53	52.60	ppb
Molybdenum	94-1	0.07	0.30	0.30	0.22	59.29	ppb
Molybdenum	95-1	0.05	0.32	0.30	0.22	65.98	ppb
Molybdenum	96-1	0.10	0.24	0.35	0.23	55.97	ppb
Molybdenum	97-1	0.06	0.20	0.36	0.21	73.45	ppb
Molybdenum	98-1	0.07	0.22	0.30	0.20	58.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.06	0.07	0.07	18.71	ppb
Phosphorus	31-2	-105.46	-109.39	-86.34	-100.40		ppb
Potassium	39-2	15.13	33.17	20.09	22.80	40.88	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	-0.20	0.18	-0.38	-0.13		ppb
Selenium	77-2	0.90	0.00	0.00	0.30	173.21	ppb
Selenium	78-2	0.65	1.02	0.18	0.62	68.20	ppb
Silicon	28-1	-13.91	-13.21	-19.11	-15.41		ppb
Silver	107-1	0.10	0.09	0.12	0.10	11.52	ppb
Silver	109-1	0.13	0.09	0.14	0.12	20.64	ppb
Sodium	23-2	36.26	52.65	30.30	39.74	29.13	ppb
Strontium	86-1	0.09	0.58	0.74	0.47	71.33	ppb
Strontium	88-1	0.12	0.55	0.74	0.47	67.69	ppb
Sulfur	34-1	-2432.77	-2531.14	-2714.41	-2559.44		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.08	0.08	0.08	9.32	ppb
Thallium	205-1	0.06	0.10	0.08	0.08	25.82	ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.17	0.27	0.16	69.07	ppb
Uranium	238-1	0.01	0.02	0.03	0.02	62.04	ppb
Vanadium	51-2	0.04	0.07	0.03	0.05	37.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	0.74	0.80	0.31	0.62	43.50	ppb
Zirconium	90-1	0.02	0.04	0.06	0.04	56.33	ppb
Zirconium	91-1	0.00	0.04	0.03	0.02	107.40	ppb

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51	67	67	62	15.11	cps
Antimony	121-1	17	25	25	22	21.64	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	8	17	8	11	43.34	cps
Beryllium	9-1	16	14	14	15	9.90	cps
Bismuth	209-1	4703919	4662386	4748735	4705013	0.92	cps
Bismuth	209-2	2269297	2276730	2229437	2258488	1.13	cps
Boron	10-1	92	130	150	124	23.76	cps
Boron	11-1	648	614	580	614	5.54	cps
Bromine	81-1	36626	35583	34036	35415	3.68	cps
Cadmium	111-1	327	326	338	330	1.93	cps
Cadmium	106-1	3242	3367	3426	3345	2.80	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	164	171	171	169	2.57	cps
Calcium	44-1	8737	8605	8680	8674	0.76	cps
Carbon	12-1	8864558	8512897	8567657	8648370	2.19	cps
Carbon	12-2	95988	98648	96198	96944	1.53	cps
Chlorine	35-1	87833	83591	83231	84885	3.02	cps
Chlorine	35-2	592	608	508	569	9.41	cps
Chromium	52-2	457	420	383	420	8.73	cps
Cobalt	59-2	20	60	47	42	48.24	cps
Copper	63-2	547	593	617	586	6.09	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	8	25	33	90.15	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	83	83	90	86	4.50	cps
Holmium	165-1	7543232	7233045	7324171	7366816	2.16	cps
Holmium	165-2	3111875	2925090	3087954	3041640	3.34	cps
Indium	115-1	6652375	6513103	6248684	6471387	3.17	cps
Indium	115-2	931486	909742	927832	923020	1.26	cps
Iron	54-2	494	456	656	535	19.82	cps
Iron	56-2	2884	2706	2934	2841	4.21	cps
Iron	57-2	128	206	139	157	26.72	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	421	424	416	420	0.91	cps
Lead	206-1	717	594	689	667	9.61	cps
Lead	207-1	506	522	694	574	18.22	cps
Lead	208-1	2633	2539	2789	2654	4.76	cps
Lithium	6-1	4382792	4487951	4353036	4407926	1.61	cps
Magnesium	24-2	108	175	200	161	29.41	cps
Manganese	55-2	43	30	50	41	24.77	cps
Molybdenum	94-1	150	75	167	131	37.40	cps
Molybdenum	95-1	17	8	8	11	43.34	cps
Molybdenum	96-1	92	142	125	119	21.31	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	8	8	42	19	99.00	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	50	37	70	52	32.12	cps
Phosphorus	31-2	1175	1408	1375	1320	9.57	cps
Potassium	39-2	15601	15108	16285	15664	3.77	cps
Rhodium	103-1	6545401	6245602	6302409	6364471	2.50	cps
Rhodium	103-2	2660269	2586512	2614779	2620520	1.42	cps
Scandium	45-1	4905763	5124508	5020974	5017082	2.18	cps
Scandium	45-2	154948	157201	154942	155697	0.84	cps
Selenium	82-1	36	30	27	31	14.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	49	47	57	51	10.38	cps
Silicon	28-1	816325	834632	822095	824351	1.14	cps
Silver	107-1	108	117	67	97	27.55	cps
Silver	109-1	58	17	50	42	52.91	cps
Sodium	23-2	16276	15350	15801	15809	2.93	cps
Strontium	86-1	683	617	717	672	7.57	cps
Strontium	88-1	183	83	100	122	43.83	cps
Sulfur	34-1	383706	375963	380132	379933	1.02	cps
Terbium	159-1	7740950	7848711	7770506	7786722	0.72	cps
Terbium	159-2	3063697	3013257	3009717	3028890	1.00	cps
Thallium	203-1	33	50	33	39	24.75	cps
Thallium	205-1	125	92	100	106	16.43	cps
Tin	118-1	508	567	692	589	15.91	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:11:37	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	200	167	200	16.67	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	0	0	7	2	173.21	cps
Ytterbium	172-1	25	25	50	33	43.30	cps
Ytterbium	172-2	11	39	11	20	78.74	cps
Ytterbium	176-1	1250	1383	1158	1264	8.95	cps
Ytterbium	176-2	7252	7391	7836	7493	4.07	cps
Yttrium	89-1	10880425	10457572	10987297	10775098	2.60	cps
Yttrium	89-2	1085054	1086804	1082575	1084811	0.20	cps
Zinc	66-2	177	127	130	144	19.35	cps
Zirconium	90-1	383	292	300	325	15.60	cps
Zirconium	91-1	100	42	67	69	42.14	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1046	1052	1096	1065	2.56	cps
Antimony	121-1	8953	8770	8586	8770	2.09	cps
Arsenic	75-2	135	141	142	139	2.72	cps
Barium	135-1	10863	10713	10613	10730	1.17	cps
Barium	137-1	18238	18688	18538	18488	1.24	cps
Beryllium	9-1	2744	2720	2790	2751	1.29	cps
Bismuth	209-1	4751393	4714316	4865768	4777159	1.65	cps
Bismuth	209-2	2275331	2333109	2223126	2277189	2.42	cps
Boron	10-1	8517	8845	9155	8839	3.61	cps
Boron	11-1	36677	38689	38980	38115	3.29	cps
Bromine	81-1	36054	35703	33625	35127	3.74	cps
Cadmium	111-1	1775	1754	1775	1768	0.68	cps
Cadmium	106-1	3692	3859	3626	3726	3.23	cps
Cadmium	108-1	129	129	138	132	3.64	cps
Calcium	43-1	9463	9229	8902	9198	3.07	cps
Calcium	44-1	159249	154736	153845	155943	1.86	cps
Carbon	12-1	8834672	8780685	8829857	8815072	0.34	cps
Carbon	12-2	99519	100149	98555	99408	0.81	cps
Chlorine	35-1	90205	89627	90013	89948	0.33	cps
Chlorine	35-2	458	558	675	564	19.23	cps
Chromium	52-2	2930	2817	2784	2844	2.70	cps
Cobalt	59-2	2390	2480	2344	2405	2.89	cps
Copper	63-2	4344	4261	4144	4250	2.36	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	90	97	77	88	11.60	cps
Holmium	165-1	7548695	7630651	7278789	7486045	2.46	cps
Holmium	165-2	2965303	3173312	2981946	3040187	3.80	cps
Indium	115-1	6495010	6520178	6315663	6443617	1.73	cps
Indium	115-2	914198	910677	918696	914524	0.44	cps
Iron	54-2	3512	3545	3767	3608	3.85	cps
Iron	56-2	58760	57539	55620	57306	2.76	cps
Iron	57-2	1567	1567	1472	1535	3.55	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	466	400	415	427	8.13	cps
Lead	206-1	4006	4106	3856	3990	3.15	cps
Lead	207-1	3373	3445	3467	3428	1.44	cps
Lead	208-1	16149	16160	16421	16243	0.95	cps
Lithium	6-1	4398338	4476630	4372077	4415681	1.23	cps
Magnesium	24-2	64067	64126	62376	63523	1.56	cps
Manganese	55-2	797	703	800	767	7.16	cps
Molybdenum	94-1	11313	11030	11272	11205	1.37	cps
Molybdenum	95-1	13432	13907	13424	13588	2.04	cps
Molybdenum	96-1	14641	14883	14667	14730	0.90	cps
Molybdenum	97-1	8620	8378	7702	8233	5.77	cps
Molybdenum	98-1	21200	20574	21050	20941	1.56	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	660	647	620	642	3.17	cps
Phosphorus	31-2	1400	1358	1392	1383	1.59	cps
Potassium	39-2	55148	55758	54303	55070	1.33	cps
Rhodium	103-1	6654856	6334638	6459377	6482957	2.49	cps
Rhodium	103-2	2562008	2512370	2520999	2531792	1.05	cps
Scandium	45-1	4987277	5073969	5087653	5049633	1.08	cps
Scandium	45-2	154753	153409	157054	155072	1.19	cps
Selenium	82-1	622	710	630	654	7.41	cps
Selenium	77-2	13	17	20	17	20.01	cps
Selenium	78-2	119	95	129	114	15.28	cps
Silicon	28-1	872937	881489	872835	875754	0.57	cps
Silver	107-1	7069	7335	6994	7133	2.52	cps
Silver	109-1	6802	7185	6894	6960	2.88	cps
Sodium	23-2	131197	129625	128448	129757	1.06	cps
Strontium	86-1	2217	2384	2242	2281	3.94	cps
Strontium	88-1	15417	15109	13832	14786	5.68	cps
Sulfur	34-1	375590	381399	379860	378949	0.79	cps
Terbium	159-1	8064668	7942438	8036636	8014581	0.80	cps
Terbium	159-2	2986122	3015429	3064353	3021968	1.31	cps
Thallium	203-1	4092	4092	3759	3981	4.84	cps
Thallium	205-1	10705	9746	9445	9965	6.60	cps
Tin	118-1	21359	20858	19473	20563	4.75	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:14:47	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4576	4676	4643	4631	1.10	cps
Uranium	238-1	12924	12765	12924	12871	0.71	cps
Vanadium	51-2	5241	4901	4858	5000	4.20	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	1333	1167	1508	1336	12.79	cps
Ytterbium	176-2	7591	7941	7224	7586	4.73	cps
Yttrium	89-1	11410463	10727567	10965620	11034550	3.14	cps
Yttrium	89-2	1076093	1090338	1063505	1076645	1.25	cps
Zinc	66-2	647	650	567	621	7.60	cps
Zirconium	90-1	9712	9237	8945	9298	4.17	cps
Zirconium	91-1	2050	2025	1850	1975	5.52	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51865	51811	49941	51206	2.14	cps
Antimony	121-1	239022	235270	234131	236141	1.08	cps
Arsenic	75-2	6970	6996	6710	6892	2.30	cps
Barium	135-1	284114	283040	282562	283238	0.28	cps
Barium	137-1	518291	504780	510351	511141	1.33	cps
Beryllium	9-1	138117	139046	140473	139212	0.85	cps
Bismuth	209-1	4717444	4621304	4635864	4658204	1.11	cps
Bismuth	209-2	2208714	2304157	2265575	2259482	2.12	cps
Boron	10-1	18816	20040	21047	19968	5.59	cps
Boron	11-1	83572	86531	91600	87234	4.65	cps
Bromine	81-1	33465	36445	34017	34642	4.58	cps
Cadmium	111-1	73598	72303	72122	72674	1.11	cps
Cadmium	106-1	11956	12089	12306	12117	1.46	cps
Cadmium	108-1	6126	6147	5893	6056	2.33	cps
Calcium	43-1	111203	111598	109513	110771	1.00	cps
Calcium	44-1	1737087	1723610	1685605	1715434	1.56	cps
Carbon	12-1	9519595	9361896	9333531	9405007	1.07	cps
Carbon	12-2	108894	110245	108424	109188	0.87	cps
Chlorine	35-1	101294	100380	99734	100470	0.78	cps
Chlorine	35-2	625	708	767	700	10.17	cps
Chromium	52-2	72828	72835	70483	72049	1.88	cps
Cobalt	59-2	125303	125331	123602	124745	0.79	cps
Copper	63-2	1001996	990738	981416	991383	1.04	cps
Dysprosium	156-1	33	33	0	22	86.60	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	50	33	67	50	33.34	cps
Gadolinium	160-2	120	63	97	93	30.52	cps
Holmium	165-1	7543106	7595289	7666139	7601511	0.81	cps
Holmium	165-2	2950470	3107368	3041018	3032952	2.60	cps
Indium	115-1	6554847	6664613	6644429	6621296	0.88	cps
Indium	115-2	913954	909991	911275	911740	0.22	cps
Iron	54-2	169940	170526	166277	168914	1.36	cps
Iron	56-2	3134401	3191951	3101958	3142770	1.45	cps
Iron	57-2	76439	76945	73494	75626	2.46	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	420	410	425	418	1.83	cps
Lead	206-1	957751	942699	938933	946461	1.05	cps
Lead	207-1	829511	832873	831969	831451	0.21	cps
Lead	208-1	3945592	3952298	3857515	3918469	1.35	cps
Lithium	6-1	4426330	4495838	4374716	4432295	1.37	cps
Magnesium	24-2	716885	716096	700805	711262	1.27	cps
Manganese	55-2	389120	384104	376763	383329	1.62	cps
Molybdenum	94-1	995660	992648	961976	983428	1.90	cps
Molybdenum	95-1	1450438	1436697	1388966	1425367	2.26	cps
Molybdenum	96-1	1566615	1573020	1544680	1561439	0.95	cps
Molybdenum	97-1	880026	882734	854623	872461	1.78	cps
Molybdenum	98-1	2230656	2219090	2294637	2248128	1.81	cps
Neodymium	150-1	40	20	7	22	75.49	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	36133	35922	34900	35651	1.85	cps
Phosphorus	31-2	4951	4367	4609	4643	6.31	cps
Potassium	39-2	244063	241624	234000	239895	2.19	cps
Rhodium	103-1	6581293	6474901	6568695	6541630	0.89	cps
Rhodium	103-2	2645934	2565736	2588122	2599931	1.59	cps
Scandium	45-1	5351786	5131231	5185475	5222831	2.20	cps
Scandium	45-2	156845	154422	154061	155109	0.98	cps
Selenium	82-1	6910	6941	6743	6865	1.55	cps
Selenium	77-2	243	193	157	198	22.00	cps
Selenium	78-2	701	652	610	654	6.96	cps
Silicon	28-1	1082518	1109894	1084201	1092204	1.40	cps
Silver	107-1	390806	391128	371880	384605	2.87	cps
Silver	109-1	377329	374958	369210	373832	1.12	cps
Sodium	23-2	1316880	1258040	1263032	1279317	2.55	cps
Strontium	86-1	2246376	2270191	2155731	2224099	2.72	cps
Strontium	88-1	19112368	18593784	18500287	18735480	1.76	cps
Sulfur	34-1	424223	421237	425329	423596	0.50	cps
Terbium	159-1	7961839	8237743	7865900	8021827	2.41	cps
Terbium	159-2	3030904	3103807	3088606	3074439	1.25	cps
Thallium	203-1	228796	217324	221734	222618	2.60	cps
Thallium	205-1	534603	537469	525813	532628	1.14	cps
Tin	118-1	216798	219219	216179	217399	0.74	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:17:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	477397	471544	469330	472757	0.88	cps
Uranium	238-1	717676	697775	704872	706774	1.43	cps
Vanadium	51-2	57254	54363	54805	55474	2.81	cps
Ytterbium	172-1	33	50	42	42	20.00	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	2084	2250	2042	2125	5.19	cps
Ytterbium	176-2	7030	7764	7969	7588	6.51	cps
Yttrium	89-1	11074927	10631352	10836528	10847602	2.05	cps
Yttrium	89-2	1080787	1069470	1078613	1076290	0.56	cps
Zinc	66-2	127106	125929	124469	125834	1.05	cps
Zirconium	90-1	482464	463385	464714	470187	2.27	cps
Zirconium	91-1	110532	107667	106625	108274	1.87	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 13:21:05 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128130	123129	122896	124718	2.37	cps
Antimony	121-1	601008	600099	581503	594203	1.85	cps
Arsenic	75-2	17322	16820	17007	17050	1.49	cps
Barium	135-1	726936	720687	698565	715396	2.08	cps
Barium	137-1	1250182	1274328	1224151	1249554	2.01	cps
Beryllium	9-1	346692	344084	342444	344407	0.62	cps
Bismuth	209-1	4764272	4854901	4851226	4823467	1.06	cps
Bismuth	209-2	2349619	2224480	2265923	2280007	2.80	cps
Boron	10-1	48960	49770	50372	49701	1.43	cps
Boron	11-1	214791	215957	218586	216445	0.90	cps
Bromine	81-1	32381	34498	33786	33555	3.21	cps
Cadmium	111-1	180601	179106	176180	178629	1.26	cps
Cadmium	106-1	24430	23512	24623	24188	2.45	cps
Cadmium	108-1	14545	14362	14337	14415	0.79	cps
Calcium	43-1	275397	274124	271116	273546	0.80	cps
Calcium	44-1	4072333	4180371	4299831	4184179	2.72	cps
Carbon	12-1	9331458	9367899	9164794	9288050	1.17	cps
Carbon	12-2	106158	102197	104009	104121	1.90	cps
Chlorine	35-1	109824	108573	107515	108637	1.06	cps
Chlorine	35-2	825	775	758	786	4.41	cps
Chromium	52-2	177729	173076	173475	174760	1.48	cps
Cobalt	59-2	313662	307642	307475	309593	1.14	cps
Copper	63-2	2546060	2523784	2501399	2523748	0.88	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	3	7	23	11	96.43	cps
Erbium	164-1	50	0	50	33	86.60	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	92	150	133	125	24.04	cps
Gadolinium	160-2	137	97	93	109	22.15	cps
Holmium	165-1	7764266	7552475	7643168	7653303	1.39	cps
Holmium	165-2	3026296	3070720	3117361	3071459	1.48	cps
Indium	115-1	6681308	6563603	6310914	6518608	2.90	cps
Indium	115-2	888973	881645	888753	886457	0.47	cps
Iron	54-2	424755	411794	408829	415126	2.04	cps
Iron	56-2	7623944	7401987	7335796	7453909	2.02	cps
Iron	57-2	186602	184643	179571	183605	1.98	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:21:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	380	442	425	416	7.75	cps
Lead	206-1	2669870	2543998	2512886	2575585	3.23	cps
Lead	207-1	2246961	2198799	2143877	2196545	2.35	cps
Lead	208-1	10369180	9960855	9917136	10082390	2.47	cps
Lithium	6-1	4462556	4392829	4451006	4435463	0.84	cps
Magnesium	24-2	1802747	1710482	1706612	1739947	3.13	cps
Manganese	55-2	963067	933022	948821	948303	1.58	cps
Molybdenum	94-1	2523685	2447713	2468391	2479930	1.58	cps
Molybdenum	95-1	3582016	3640723	3480342	3567693	2.27	cps
Molybdenum	96-1	3865347	3829771	3754051	3816390	1.49	cps
Molybdenum	97-1	2277826	2131597	2144898	2184774	3.70	cps
Molybdenum	98-1	5703726	5619939	5589075	5637580	1.05	cps
Neodymium	150-1	67	67	53	62	12.38	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	87209	85203	86596	86336	1.19	cps
Phosphorus	31-2	8745	9061	9287	9031	3.02	cps
Potassium	39-2	558722	558896	552836	556818	0.62	cps
Rhodium	103-1	6566950	6511940	6589303	6556064	0.61	cps
Rhodium	103-2	2504144	2514628	2499068	2505947	0.32	cps
Scandium	45-1	5116999	5121940	5157686	5132208	0.43	cps
Scandium	45-2	154317	151482	151373	152390	1.10	cps
Selenium	82-1	17186	16876	16498	16854	2.05	cps
Selenium	77-2	530	437	483	483	9.66	cps
Selenium	78-2	1701	1634	1567	1634	4.10	cps
Silicon	28-1	1517943	1527040	1519441	1521475	0.32	cps
Silver	107-1	980177	951637	953203	961672	1.67	cps
Silver	109-1	922401	915479	903318	913733	1.06	cps
Sodium	23-2	3077824	3060099	2988632	3042185	1.55	cps
Strontium	86-1	5616808	5546820	5650043	5604557	0.94	cps
Strontium	88-1	46670495	48301091	47944340	47638642	1.80	cps
Sulfur	34-1	485495	484745	478675	482971	0.77	cps
Terbium	159-1	8106790	7995475	7932827	8011697	1.10	cps
Terbium	159-2	2983093	3028951	2976122	2996055	0.96	cps
Thallium	203-1	567683	558132	550011	558608	1.58	cps
Thallium	205-1	1352072	1330210	1309480	1330587	1.60	cps
Tin	118-1	551668	530487	522663	534940	2.81	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:21:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1188153	1171580	1143911	1167881	1.91	cps
Uranium	238-1	1913546	1846910	1886686	1882381	1.78	cps
Vanadium	51-2	140633	139214	135001	138283	2.12	cps
Ytterbium	172-1	83	83	58	75	19.25	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	3659	3784	3867	3770	2.78	cps
Ytterbium	176-2	7830	8236	8286	8117	3.08	cps
Yttrium	89-1	11098084	10938203	11070141	11035476	0.77	cps
Yttrium	89-2	1065331	1057019	1068466	1063605	0.56	cps
Zinc	66-2	310203	304601	297531	304112	2.09	cps
Zirconium	90-1	1226069	1205844	1177323	1203079	2.04	cps
Zirconium	91-1	275197	267445	268919	270520	1.52	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252755	249940	244007	248901	1.79	cps
Antimony	121-1	1193537	1231351	1199563	1208151	1.68	cps
Arsenic	75-2	34656	33716	33557	33976	1.75	cps
Barium	135-1	1442200	1540336	1447994	1476844	3.73	cps
Barium	137-1	2612274	2596460	2579106	2595947	0.64	cps
Beryllium	9-1	691637	666712	660743	673031	2.43	cps
Bismuth	209-1	4329053	4784736	4878784	4664191	6.30	cps
Bismuth	209-2	2324851	2240831	2244713	2270132	2.09	cps
Boron	10-1	99197	98522	99392	99037	0.46	cps
Boron	11-1	430814	426139	438692	431882	1.47	cps
Bromine	81-1	33907	32391	32462	32920	2.60	cps
Cadmium	111-1	359070	350834	344967	351624	2.01	cps
Cadmium	106-1	46312	44799	43369	44827	3.28	cps
Cadmium	108-1	28801	28626	28621	28683	0.36	cps
Calcium	43-1	552903	536495	532031	540477	2.03	cps
Calcium	44-1	8296958	8132243	8186945	8205382	1.02	cps
Carbon	12-1	9417485	9338624	9250090	9335400	0.90	cps
Carbon	12-2	109464	108265	104848	107526	2.23	cps
Chlorine	35-1	111889	111486	110941	111438	0.43	cps
Chlorine	35-2	683	775	733	731	6.28	cps
Chromium	52-2	347451	342670	337273	342465	1.49	cps
Cobalt	59-2	618071	599462	599802	605778	1.76	cps
Copper	63-2	4977093	4801583	4912005	4896894	1.81	cps
Dysprosium	156-1	125	92	67	94	30.98	cps
Dysprosium	156-2	30	27	17	24	28.38	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	0	13	20	11	91.66	cps
Gadolinium	160-1	100	133	108	114	15.23	cps
Gadolinium	160-2	123	97	127	116	14.23	cps
Holmium	165-1	7149009	7705335	7812018	7555454	4.71	cps
Holmium	165-2	3127687	3007824	3049829	3061780	1.99	cps
Indium	115-1	6000088	6743939	6497386	6413804	5.91	cps
Indium	115-2	914135	891915	882125	896059	1.83	cps
Iron	54-2	818299	799311	782326	799979	2.25	cps
Iron	56-2	15073341	14658523	14589967	14773944	1.77	cps
Iron	57-2	368146	361783	352186	360705	2.23	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	406	427	370	401	7.25	cps
Lead	206-1	5164375	5085108	4952585	5067356	2.11	cps
Lead	207-1	4460342	4497124	4353142	4436869	1.69	cps
Lead	208-1	20227027	20275410	20008747	20170395	0.70	cps
Lithium	6-1	4055171	4382667	4387362	4275066	4.45	cps
Magnesium	24-2	3620267	3363379	3391896	3458514	4.07	cps
Manganese	55-2	1968825	1875661	1863701	1902729	3.02	cps
Molybdenum	94-1	4880133	4897832	4828041	4868669	0.75	cps
Molybdenum	95-1	7076889	7038643	6862183	6992572	1.64	cps
Molybdenum	96-1	7801457	7720536	7513627	7678540	1.93	cps
Molybdenum	97-1	4348969	4308043	4216281	4291098	1.58	cps
Molybdenum	98-1	11316728	10877959	11148521	11114403	1.99	cps
Neodymium	150-1	127	53	87	89	41.31	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	169685	167924	167607	168405	0.66	cps
Phosphorus	31-2	17027	16944	16810	16927	0.65	cps
Potassium	39-2	1129336	1103466	1082674	1105159	2.12	cps
Rhodium	103-1	5889543	6597758	6404333	6297211	5.81	cps
Rhodium	103-2	2503444	2580579	2516501	2533508	1.63	cps
Scandium	45-1	4649980	5009564	5047640	4902395	4.48	cps
Scandium	45-2	155941	149253	150838	152011	2.30	cps
Selenium	82-1	33168	33024	32661	32951	0.79	cps
Selenium	77-2	1020	940	893	951	6.74	cps
Selenium	78-2	3154	3033	2969	3052	3.08	cps
Silicon	28-1	2191279	2253113	2254591	2232994	1.62	cps
Silver	107-1	2003263	1932371	1850732	1928789	3.96	cps
Silver	109-1	1819647	1888395	1828764	1845602	2.02	cps
Sodium	23-2	6290379	6130208	6326730	6249106	1.67	cps
Strontium	86-1	10848299	11194802	10838044	10960382	1.85	cps
Strontium	88-1	95791215	98872350	93756677	96140081	2.68	cps
Sulfur	34-1	586848	584229	572125	581068	1.35	cps
Terbium	159-1	7504756	8267897	8120462	7964372	5.08	cps
Terbium	159-2	3031378	3063532	3147129	3080680	1.94	cps
Thallium	203-1	1145304	1143675	1110753	1133244	1.72	cps
Thallium	205-1	2854212	2810682	2744583	2803159	1.97	cps
Tin	118-1	1081714	1100502	1053661	1078626	2.19	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:24:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2376573	2291085	2273707	2313788	2.38	cps
Uranium	238-1	3703142	3748376	3711710	3721076	0.65	cps
Vanadium	51-2	271968	271401	265098	269489	1.41	cps
Ytterbium	172-1	67	92	75	78	16.37	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	6102	5843	6277	6074	3.59	cps
Ytterbium	176-2	9070	9265	9620	9318	3.00	cps
Yttrium	89-1	9824954	11015866	10690544	10510455	5.86	cps
Yttrium	89-2	1059446	1058806	1040846	1053033	1.00	cps
Zinc	66-2	616614	606777	589472	604287	2.27	cps
Zirconium	90-1	2441856	2381816	2352691	2392121	1.90	cps
Zirconium	91-1	545609	537038	521240	534629	2.31	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495825	488803	477763	487464	1.87	cps
Antimony	121-1	2424763	2471763	2381874	2426133	1.85	cps
Arsenic	75-2	68125	66117	65862	66701	1.86	cps
Barium	135-1	2978249	2987836	2828162	2931416	3.05	cps
Barium	137-1	5089463	5042738	5161519	5097907	1.17	cps
Beryllium	9-1	1257001	1261326	1223227	1247185	1.67	cps
Bismuth	209-1	4654510	4864419	4677182	4732037	2.43	cps
Bismuth	209-2	2288452	2279997	2227840	2265430	1.45	cps
Boron	10-1	188770	194008	200900	194559	3.13	cps
Boron	11-1	840236	839400	876978	852205	2.52	cps
Bromine	81-1	29953	30705	30786	30481	1.51	cps
Cadmium	111-1	695584	696394	692283	694754	0.31	cps
Cadmium	106-1	80980	81392	83002	81791	1.31	cps
Cadmium	108-1	56310	55340	56507	56053	1.12	cps
Calcium	43-1	1071648	1060312	1062308	1064756	0.57	cps
Calcium	44-1	16607777	16262299	16392788	16420955	1.06	cps
Carbon	12-1	9200731	9288891	9181103	9223575	0.62	cps
Carbon	12-2	107224	103430	104697	105117	1.84	cps
Chlorine	35-1	125693	126003	123886	125194	0.91	cps
Chlorine	35-2	900	775	950	875	10.30	cps
Chromium	52-2	691546	681434	676438	683139	1.13	cps
Cobalt	59-2	1211887	1203489	1193613	1202996	0.76	cps
Copper	63-2	9518686	9625111	9399281	9514359	1.19	cps
Dysprosium	156-1	125	100	125	117	12.37	cps
Dysprosium	156-2	87	63	67	72	17.48	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	192	158	167	172	10.07	cps
Gadolinium	160-2	177	140	167	161	11.77	cps
Holmium	165-1	7828767	7532995	7568248	7643337	2.11	cps
Holmium	165-2	3164408	3129940	3082062	3125470	1.32	cps
Indium	115-1	6417800	6473275	6538037	6476371	0.93	cps
Indium	115-2	895520	877373	877271	883388	1.19	cps
Iron	54-2	1688227	1669819	1609906	1655984	2.47	cps
Iron	56-2	29954835	28733573	28396051	29028153	2.83	cps
Iron	57-2	717997	714892	697759	710216	1.53	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	447	439	397	428	6.24	cps
Lead	206-1	9814993	9995466	9987755	9932738	1.03	cps
Lead	207-1	8676301	8885023	8650857	8737394	1.47	cps
Lead	208-1	39748012	40538206	39828005	40038074	1.09	cps
Lithium	6-1	4188239	4287587	4166068	4213965	1.54	cps
Magnesium	24-2	6796820	6631130	6629436	6685795	1.44	cps
Manganese	55-2	3924159	3700875	3720703	3781912	3.27	cps
Molybdenum	94-1	9378958	9618184	9616368	9537837	1.44	cps
Molybdenum	95-1	13637143	13557395	13841119	13678552	1.07	cps
Molybdenum	96-1	14714119	15012285	15108320	14944908	1.38	cps
Molybdenum	97-1	8349173	8570837	8685422	8535144	2.00	cps
Molybdenum	98-1	22005785	21700932	22013306	21906674	0.81	cps
Neodymium	150-1	213	213	160	196	15.75	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	335611	331540	330158	332436	0.85	cps
Phosphorus	31-2	33364	32170	31669	32401	2.69	cps
Potassium	39-2	2262512	2211570	2103819	2192634	3.70	cps
Rhodium	103-1	6203018	6351925	6358257	6304400	1.39	cps
Rhodium	103-2	2495515	2471729	2431472	2466239	1.31	cps
Scandium	45-1	4991810	5001311	5079288	5024136	0.96	cps
Scandium	45-2	150680	149635	148712	149676	0.66	cps
Selenium	82-1	64087	64079	64006	64057	0.07	cps
Selenium	77-2	1670	1620	1803	1698	5.58	cps
Selenium	78-2	5975	5871	5987	5944	1.07	cps
Silicon	28-1	3670956	3866512	3800255	3779241	2.63	cps
Silver	107-1	3699444	3654892	3654604	3669647	0.70	cps
Silver	109-1	3743815	3627465	3573559	3648280	2.39	cps
Sodium	23-2	12211369	12012303	11792160	12005277	1.75	cps
Strontium	86-1	21222714	21924830	21749117	21632220	1.69	cps
Strontium	88-1	190661696	189713533	184464712	188279981	1.77	cps
Sulfur	34-1	777242	769347	755651	767413	1.42	cps
Terbium	159-1	8029945	8034442	7856363	7973583	1.27	cps
Terbium	159-2	3079299	3089518	3066981	3078599	0.37	cps
Thallium	203-1	2387221	2353503	2387627	2376117	0.82	cps
Thallium	205-1	5406437	5560323	5407184	5457982	1.62	cps
Tin	118-1	2165595	2134798	2157314	2152569	0.74	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:27:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4725827	4407234	4506731	4546597	3.58	cps
Uranium	238-1	7639748	7664086	7346851	7550228	2.34	cps
Vanadium	51-2	551083	533663	529298	538015	2.14	cps
Ytterbium	172-1	75	67	92	78	16.37	cps
Ytterbium	172-2	28	6	44	26	75.24	cps
Ytterbium	176-1	10638	10371	10321	10443	1.63	cps
Ytterbium	176-2	11077	11283	11527	11296	2.00	cps
Yttrium	89-1	10908352	10910095	10877464	10898637	0.17	cps
Yttrium	89-2	1072161	1040483	1051728	1054791	1.52	cps
Zinc	66-2	1177246	1157341	1148820	1161136	1.26	cps
Zirconium	90-1	4720538	4664854	4684080	4689824	0.60	cps
Zirconium	91-1	1053635	1061615	1053887	1056379	0.43	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 13:30:28 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	984315	967417	958850	970194	1.34	cps
Antimony	121-1	4767737	4829499	4670817	4756017	1.68	cps
Arsenic	75-2	136722	135962	132985	135223	1.46	cps
Barium	135-1	5954451	6120445	5649597	5908164	4.04	cps
Barium	137-1	10401951	10387117	10371828	10386965	0.15	cps
Beryllium	9-1	2420384	2406935	2381396	2402905	0.82	cps
Bismuth	209-1	4666940	4835083	4720180	4740734	1.81	cps
Bismuth	209-2	2200897	2217154	2276663	2231571	1.79	cps
Boron	10-1	378192	381958	385328	381826	0.93	cps
Boron	11-1	1573775	1570062	1619415	1587751	1.73	cps
Bromine	81-1	33365	30745	34157	32756	5.45	cps
Cadmium	111-1	1369313	1378967	1359832	1369371	0.70	cps
Cadmium	106-1	165531	161829	161765	163042	1.32	cps
Cadmium	108-1	109591	112719	113594	111968	1.88	cps
Calcium	43-1	2187812	2163901	2218650	2190121	1.25	cps
Calcium	44-1	33593595	33179383	32676634	33149870	1.39	cps
Carbon	12-1	9424237	9333459	9398053	9385250	0.50	cps
Carbon	12-2	110037	113295	112160	111831	1.48	cps
Chlorine	35-1	142245	141091	140536	141291	0.62	cps
Chlorine	35-2	942	1108	1108	1053	9.14	cps
Chromium	52-2	1432845	1398892	1425846	1419194	1.26	cps
Cobalt	59-2	2581060	2477127	2487885	2515357	2.27	cps
Copper	63-2	18822366	19383649	18928271	19044762	1.57	cps
Dysprosium	156-1	317	350	333	333	5.00	cps
Dysprosium	156-2	153	137	120	137	12.20	cps
Erbium	164-1	83	50	33	56	45.83	cps
Erbium	164-2	20	33	13	22	45.83	cps
Gadolinium	160-1	267	350	225	281	22.69	cps
Gadolinium	160-2	153	240	200	198	21.93	cps
Holmium	165-1	8070275	8069335	7907195	8015602	1.17	cps
Holmium	165-2	3155357	3189382	3225346	3190028	1.10	cps
Indium	115-1	6546588	6367503	6335212	6416434	1.77	cps
Indium	115-2	902930	909753	892043	901575	0.99	cps
Iron	54-2	3397633	3355309	3277544	3343495	1.82	cps
Iron	56-2	60737004	60265717	58328357	59777026	2.14	cps
Iron	57-2	1547299	1537984	1456830	1514038	3.29	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:30:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	455	415	422	431	4.93	cps
Lead	206-1	20888247	19772028	20230442	20296906	2.76	cps
Lead	207-1	17913930	17329181	17408423	17550511	1.81	cps
Lead	208-1	81716750	79821056	81555114	81030973	1.30	cps
Lithium	6-1	4032739	4172923	4140308	4115323	1.78	cps
Magnesium	24-2	14040292	13672500	13795327	13836040	1.35	cps
Manganese	55-2	7929144	7537967	7708278	7725130	2.54	cps
Molybdenum	94-1	19759393	19975297	19789772	19841488	0.59	cps
Molybdenum	95-1	28690505	28157744	28072905	28307051	1.18	cps
Molybdenum	96-1	30422075	30934797	30476912	30611261	0.92	cps
Molybdenum	97-1	17181048	17646062	17692447	17506519	1.62	cps
Molybdenum	98-1	45018671	45463272	44871353	45117765	0.68	cps
Neodymium	150-1	400	360	460	407	12.38	cps
Neodymium	150-2	27	13	13	18	43.33	cps
Nickel	60-2	675138	661538	648266	661647	2.03	cps
Phosphorus	31-2	64887	64025	64235	64382	0.70	cps
Potassium	39-2	4528657	4312862	4435752	4425757	2.45	cps
Rhodium	103-1	6443785	6176249	6401389	6340474	2.27	cps
Rhodium	103-2	2487196	2607218	2529313	2541242	2.40	cps
Scandium	45-1	5163244	5028398	5279802	5157148	2.44	cps
Scandium	45-2	157029	158462	157502	157664	0.46	cps
Selenium	82-1	128725	127239	130213	128726	1.16	cps
Selenium	77-2	3644	3417	3530	3530	3.21	cps
Selenium	78-2	11837	12044	11865	11916	0.94	cps
Silicon	28-1	6468686	6504086	6663103	6545292	1.58	cps
Silver	107-1	7409131	7239453	7127811	7258798	1.95	cps
Silver	109-1	6933051	7081232	7083868	7032717	1.23	cps
Sodium	23-2	24764940	24579520	24073712	24472724	1.46	cps
Strontium	86-1	44101757	43584185	45658904	44448282	2.43	cps
Strontium	88-1	386266042	378853558	392555117	385891573	1.78	cps
Sulfur	34-1	997627	991781	992764	994057	0.31	cps
Terbium	159-1	8355169	8074496	8067987	8165884	2.01	cps
Terbium	159-2	3135413	3136125	3183808	3151782	0.88	cps
Thallium	203-1	4803686	4653095	4751404	4736062	1.61	cps
Thallium	205-1	11027629	10807050	11067576	10967418	1.28	cps
Tin	118-1	4293037	4236809	4240130	4256659	0.74	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:30:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9467437	9323972	9075771	9289060	2.13	cps
Uranium	238-1	14968005	15123685	15559972	15217220	2.02	cps
Vanadium	51-2	1138036	1098426	1089074	1108512	2.34	cps
Ytterbium	172-1	150	142	92	128	24.69	cps
Ytterbium	172-2	50	33	83	56	45.83	cps
Ytterbium	176-1	20592	18972	20850	20138	5.05	cps
Ytterbium	176-2	15209	14975	15354	15179	1.26	cps
Yttrium	89-1	10676728	10971640	11006129	10884833	1.66	cps
Yttrium	89-2	1092339	1107023	1099386	1099583	0.67	cps
Zinc	66-2	2282202	2332775	2363943	2326307	1.77	cps
Zirconium	90-1	9310512	9662168	9488922	9487201	1.85	cps
Zirconium	91-1	2215624	2256574	2173949	2215382	1.86	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5223633	5246213	4980450	5150098	2.86	cps
Antimony	121-1	2550	2775	3267	2864	12.80	cps
Arsenic	75-2	39	38	47	41	11.93	cps
Barium	135-1	3634	3701	3559	3631	1.95	cps
Barium	137-1	6910	6894	6669	6824	1.98	cps
Beryllium	9-1	485	474	479	479	1.18	cps
Bismuth	209-1	4188234	4146995	4341972	4225734	2.43	cps
Bismuth	209-2	2022323	2126479	2058953	2069251	2.55	cps
Boron	10-1	21323	19697	17841	19621	8.88	cps
Boron	11-1	95138	85265	79496	86633	9.13	cps
Bromine	81-1	34036	34458	34247	34247	0.62	cps
Cadmium	111-1	894	906	857	886	2.91	cps
Cadmium	106-1	3292	3084	3084	3153	3.82	cps
Cadmium	108-1	104	63	92	86	24.83	cps
Calcium	43-1	10061844	10380352	9629941	10024045	3.76	cps
Calcium	44-1	158450214	163816383	156821138	159695912	2.29	cps
Carbon	12-1	8961226	8987597	8959941	8969588	0.17	cps
Carbon	12-2	108205	108734	107988	108309	0.35	cps
Chlorine	35-1	115560	112990	112612	113721	1.41	cps
Chlorine	35-2	767	708	792	756	5.66	cps
Chromium	52-2	9790	10024	9934	9916	1.19	cps
Cobalt	59-2	2297	2174	2180	2217	3.13	cps
Copper	63-2	5148	4908	4904	4986	2.80	cps
Dysprosium	156-1	1117	992	1067	1058	5.95	cps
Dysprosium	156-2	507	543	450	500	9.40	cps
Erbium	164-1	108	42	100	83	43.59	cps
Erbium	164-2	27	37	27	30	19.24	cps
Gadolinium	160-1	1408	1092	1175	1225	13.40	cps
Gadolinium	160-2	563	560	663	596	9.86	cps
Holmium	165-1	7802268	7430039	7749162	7660490	2.63	cps
Holmium	165-2	3194942	3272375	3276790	3248035	1.42	cps
Indium	115-1	6279880	6413819	6467083	6386927	1.51	cps
Indium	115-2	921541	927373	938260	929058	0.91	cps
Iron	54-2	15798702	16615923	16974622	16463082	3.66	cps
Iron	56-2	311150085	302417751	301141451	304903096	1.79	cps
Iron	57-2	7616870	7725161	7540975	7627668	1.21	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	455	424	437	3.74	cps
Lead	206-1	7147	5879	5562	6196	13.53	cps
Lead	207-1	5190	5285	5034	5170	2.44	cps
Lead	208-1	25544	23509	22503	23852	6.50	cps
Lithium	6-1	3979497	4198777	4260199	4146158	3.56	cps
Magnesium	24-2	70060304	68555929	67602495	68739576	1.80	cps
Manganese	55-2	8096	8022	7879	7999	1.38	cps
Molybdenum	94-1	8103	7903	7035	7680	7.39	cps
Molybdenum	95-1	11340	9413	9370	10041	11.21	cps
Molybdenum	96-1	23187	20908	21551	21882	5.37	cps
Molybdenum	97-1	5810	6268	6077	6052	3.81	cps
Molybdenum	98-1	15201	15605	13783	14863	6.44	cps
Neodymium	150-1	73	47	107	76	39.78	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	2170	2130	2177	2159	1.17	cps
Phosphorus	31-2	1325	1367	1358	1350	1.63	cps
Potassium	39-2	24175738	23472228	23502127	23716698	1.68	cps
Rhodium	103-1	6010226	5865786	6061556	5979190	1.70	cps
Rhodium	103-2	2405777	2405261	2480744	2430594	1.79	cps
Scandium	45-1	4963558	5240056	5253501	5152372	3.18	cps
Scandium	45-2	162471	164022	162490	162994	0.55	cps
Selenium	82-1	259	221	269	250	10.03	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	68	57	62	62	8.83	cps
Silicon	28-1	1016546	1010269	959893	995569	3.12	cps
Silver	107-1	3767	3584	3459	3603	4.30	cps
Silver	109-1	3667	3726	3334	3576	5.91	cps
Sodium	23-2	128020403	127433461	127443232	127632365	0.26	cps
Strontium	86-1	17612	17170	16863	17215	2.19	cps
Strontium	88-1	152135	146984	136359	145160	5.54	cps
Sulfur	34-1	304986	306985	311019	307663	1.00	cps
Terbium	159-1	8187824	8045249	8143236	8125436	0.90	cps
Terbium	159-2	3234047	3219685	3398266	3283999	3.02	cps
Thallium	203-1	1625	1225	1192	1347	17.90	cps
Thallium	205-1	3284	3025	2959	3089	5.56	cps
Tin	118-1	6253	5685	5493	5810	6.80	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:33:35	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2542	2692	2250	2495	9.00	cps
Uranium	238-1	1909	2184	1993	2028	6.96	cps
Vanadium	51-2	280	280	260	273	4.23	cps
Ytterbium	172-1	383	375	392	383	2.17	cps
Ytterbium	172-2	222	167	144	178	22.53	cps
Ytterbium	176-1	1400	1333	1442	1392	3.93	cps
Ytterbium	176-2	7852	8164	8175	8064	2.27	cps
Yttrium	89-1	11046441	11026030	11177261	11083244	0.74	cps
Yttrium	89-2	1143056	1162252	1149666	1151658	0.85	cps
Zinc	66-2	1673	1633	1767	1691	4.05	cps
Zirconium	90-1	3751	3459	3442	3551	4.89	cps
Zirconium	91-1	842	683	617	714	16.19	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26449	26170	25530	26050	1.81	cps
Antimony	121-1	966540	980922	984103	977188	0.96	cps
Arsenic	75-2	30002	29617	28365	29328	2.92	cps
Barium	135-1	119463	121563	120916	120647	0.89	cps
Barium	137-1	210175	213472	219472	214373	2.20	cps
Beryllium	9-1	253669	252232	251800	252567	0.39	cps
Bismuth	209-1	4887618	4837897	5033988	4919835	2.07	cps
Bismuth	209-2	2383791	2317551	2437949	2379764	2.53	cps
Boron	10-1	238094	234070	235104	235756	0.89	cps
Boron	11-1	987822	908863	923127	939938	4.48	cps
Bromine	81-1	34067	36626	34277	34990	4.06	cps
Cadmium	111-1	149409	151275	146414	149033	1.65	cps
Cadmium	106-1	30710	31537	30819	31022	1.45	cps
Cadmium	108-1	18358	18721	18266	18449	1.30	cps
Calcium	43-1	44838	44626	44726	44730	0.24	cps
Calcium	44-1	703103	703382	702308	702931	0.08	cps
Carbon	12-1	9027772	8631381	8881306	8846820	2.27	cps
Carbon	12-2	99897	100493	96340	98910	2.27	cps
Chlorine	35-1	137238	135001	133050	135096	1.55	cps
Chlorine	35-2	933	725	925	861	13.70	cps
Chromium	52-2	147143	146052	139076	144091	3.04	cps
Cobalt	59-2	261305	260099	252523	257975	1.85	cps
Copper	63-2	202149	197564	195872	198528	1.64	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	100	97	103	100	3.33	cps
Holmium	165-1	8121898	7830594	7883844	7945445	1.95	cps
Holmium	165-2	3158054	3178077	3177320	3171150	0.36	cps
Indium	115-1	6760802	6944859	6735524	6813728	1.68	cps
Indium	115-2	979635	964280	971155	971690	0.79	cps
Iron	54-2	135718	134894	131113	133908	1.83	cps
Iron	56-2	2525854	2452518	2360046	2446140	3.40	cps
Iron	57-2	59753	60746	58966	59822	1.49	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	437	421	430	1.91	cps
Lead	206-1	822972	828292	828850	826704	0.39	cps
Lead	207-1	694325	676693	696397	689138	1.57	cps
Lead	208-1	3315941	3289228	3377626	3327599	1.36	cps
Lithium	6-1	4166475	4145076	4159224	4156925	0.26	cps
Magnesium	24-2	159724	154996	151267	155329	2.73	cps
Manganese	55-2	78317	79678	75914	77970	2.44	cps
Molybdenum	94-1	9703459	9746837	9655079	9701792	0.47	cps
Molybdenum	95-1	13955021	14324068	14161302	14146797	1.31	cps
Molybdenum	96-1	15575956	15205246	15126983	15302728	1.57	cps
Molybdenum	97-1	8663142	8643679	8677275	8661365	0.19	cps
Molybdenum	98-1	22722020	21881875	22336531	22313475	1.88	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	72739	72959	72105	72601	0.61	cps
Phosphorus	31-2	1275	1225	1242	1247	2.04	cps
Potassium	39-2	195998	190205	185969	190724	2.64	cps
Rhodium	103-1	6681694	6740093	6891533	6771106	1.60	cps
Rhodium	103-2	2676546	2708594	2780006	2721715	1.95	cps
Scandium	45-1	5388332	5218218	5303507	5303352	1.60	cps
Scandium	45-2	161869	157999	158565	159478	1.31	cps
Selenium	82-1	28264	27775	27723	27921	1.07	cps
Selenium	77-2	957	817	830	868	8.90	cps
Selenium	78-2	2805	2578	2724	2702	4.26	cps
Silicon	28-1	3149077	3257895	3250246	3219073	1.89	cps
Silver	107-1	385150	384970	385380	385167	0.05	cps
Silver	109-1	362179	376619	370410	369736	1.96	cps
Sodium	23-2	522184	509874	488623	506894	3.35	cps
Strontium	86-1	882234	902023	898901	894386	1.19	cps
Strontium	88-1	7329146	7621603	7585463	7512071	2.12	cps
Sulfur	34-1	288259	286501	280661	285140	1.39	cps
Terbium	159-1	8054278	8205068	8423292	8227546	2.25	cps
Terbium	159-2	3188955	3179100	3258573	3208876	1.35	cps
Thallium	203-1	983380	1006068	1014492	1001313	1.61	cps
Thallium	205-1	2407287	2424760	2370121	2400723	1.16	cps
Tin	118-1	2209603	2193273	2230816	2211230	0.85	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 13:52:52	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4622494	4572064	4586459	4593672	0.57	cps
Uranium	238-1	7326592	7677106	7535288	7512995	2.35	cps
Vanadium	51-2	114061	111451	108124	111212	2.68	cps
Ytterbium	172-1	17	58	42	39	53.92	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	6127	6493	6002	6207	4.12	cps
Ytterbium	176-2	9203	9809	10460	9824	6.40	cps
Yttrium	89-1	11483833	11298919	11582844	11455199	1.26	cps
Yttrium	89-2	1145564	1140713	1158650	1148309	0.81	cps
Zinc	66-2	49483	49687	48088	49086	1.77	cps
Zirconium	90-1	4831686	4928548	4822785	4861006	1.21	cps
Zirconium	91-1	1088141	1100790	1100618	1096516	0.66	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1076	1134	1020	1077	5.28	cps
Antimony	121-1	9103	9270	9012	9128	1.44	cps
Arsenic	75-2	153	142	131	142	7.75	cps
Barium	135-1	10254	10746	10630	10543	2.44	cps
Barium	137-1	18997	19364	18905	19089	1.27	cps
Beryllium	9-1	2550	2559	2514	2541	0.94	cps
Bismuth	209-1	4809225	4780358	4888146	4825910	1.16	cps
Bismuth	209-2	2437544	2453811	2299432	2396929	3.54	cps
Boron	10-1	9771	10760	10858	10463	5.74	cps
Boron	11-1	45377	46777	45714	45956	1.59	cps
Bromine	81-1	34719	33204	31699	33207	4.55	cps
Cadmium	111-1	1729	1640	1710	1693	2.77	cps
Cadmium	106-1	3009	3234	3184	3142	3.76	cps
Cadmium	108-1	121	138	138	132	7.29	cps
Calcium	43-1	9374	9363	9354	9364	0.11	cps
Calcium	44-1	162665	162179	159464	161436	1.07	cps
Carbon	12-1	8663080	8779782	8576832	8673231	1.17	cps
Carbon	12-2	98446	96759	97388	97531	0.87	cps
Chlorine	35-1	113183	112360	111309	112284	0.84	cps
Chlorine	35-2	758	742	783	761	2.76	cps
Chromium	52-2	3287	2977	2950	3071	6.09	cps
Cobalt	59-2	2424	2550	2590	2521	3.45	cps
Copper	63-2	4281	4374	4407	4354	1.51	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	90	103	120	104	14.39	cps
Holmium	165-1	7814785	8117430	7902837	7945017	1.96	cps
Holmium	165-2	3295557	3126911	3094863	3172443	3.40	cps
Indium	115-1	6779488	7081284	6704233	6855002	2.91	cps
Indium	115-2	980159	988990	983113	984087	0.46	cps
Iron	54-2	3856	3684	3901	3814	3.00	cps
Iron	56-2	58732	59290	57616	58546	1.46	cps
Iron	57-2	1595	1422	1622	1546	7.01	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	440	485	444	8.76	cps
Lead	206-1	4112	4145	4223	4160	1.37	cps
Lead	207-1	3656	3823	3734	3738	2.23	cps
Lead	208-1	16677	16699	16799	16725	0.39	cps
Lithium	6-1	4060502	4329706	4254617	4214942	3.30	cps
Magnesium	24-2	63439	62099	61087	62209	1.90	cps
Manganese	55-2	820	800	737	786	5.54	cps
Molybdenum	94-1	11105	11263	11021	11130	1.10	cps
Molybdenum	95-1	13507	13590	13290	13462	1.15	cps
Molybdenum	96-1	15751	15726	15075	15517	2.47	cps
Molybdenum	97-1	9120	8369	8803	8764	4.30	cps
Molybdenum	98-1	21809	22894	21960	22221	2.65	cps
Neodymium	150-1	27	27	0	18	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	667	680	727	691	4.56	cps
Phosphorus	31-2	1283	1242	1208	1245	3.02	cps
Potassium	39-2	57148	56503	53776	55809	3.21	cps
Rhodium	103-1	6856531	6771928	6889085	6839181	0.88	cps
Rhodium	103-2	2753996	2680380	2757094	2730490	1.59	cps
Scandium	45-1	5236786	5203930	5175651	5205456	0.59	cps
Scandium	45-2	162568	161113	159800	161160	0.86	cps
Selenium	82-1	655	704	581	647	9.54	cps
Selenium	77-2	17	27	13	19	36.75	cps
Selenium	78-2	107	124	110	114	7.98	cps
Silicon	28-1	862598	860718	857930	860415	0.27	cps
Silver	107-1	7502	7969	7527	7666	3.43	cps
Silver	109-1	7344	7210	7119	7224	1.57	cps
Sodium	23-2	133719	128052	127271	129681	2.71	cps
Strontium	86-1	2042	2542	2442	2342	11.30	cps
Strontium	88-1	15618	15059	15267	15314	1.84	cps
Sulfur	34-1	300759	302288	291880	298309	1.88	cps
Terbium	159-1	7945955	8148604	8141750	8078770	1.42	cps
Terbium	159-2	3185195	3295763	3241164	3240708	1.71	cps
Thallium	203-1	4317	4568	4501	4462	2.90	cps
Thallium	205-1	9987	10663	10413	10354	3.30	cps
Tin	118-1	21551	21645	21009	21401	1.60	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:03:56	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4518	4743	4776	4679	3.00	cps
Uranium	238-1	13491	13433	13391	13438	0.37	cps
Vanadium	51-2	5378	4928	5141	5149	4.37	cps
Ytterbium	172-1	42	42	75	53	36.46	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	1033	892	1042	989	8.52	cps
Ytterbium	176-2	7413	7680	7630	7575	1.87	cps
Yttrium	89-1	11481267	11229924	11297011	11336067	1.15	cps
Yttrium	89-2	1155392	1159573	1157807	1157591	0.18	cps
Zinc	66-2	693	627	590	637	8.23	cps
Zirconium	90-1	9820	10187	9479	9829	3.61	cps
Zirconium	91-1	2225	2200	2100	2175	3.04	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 14:07:22 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54	70	56	60	14.59	cps
Antimony	121-1	42	42	100	61	55.11	cps
Arsenic	75-2	2	4	5	4	41.66	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	42	17	25	28	45.82	cps
Beryllium	9-1	42	39	39	40	5.40	cps
Bismuth	209-1	4895260	4966774	4893931	4918655	0.85	cps
Bismuth	209-2	2420878	2400410	2350434	2390574	1.52	cps
Boron	10-1	2308	2318	2418	2348	2.59	cps
Boron	11-1	10514	10490	9835	10280	3.74	cps
Bromine	81-1	33605	32111	32993	32903	2.28	cps
Cadmium	111-1	314	308	313	311	1.09	cps
Cadmium	106-1	3117	3209	3175	3167	1.47	cps
Cadmium	108-1	21	25	13	19	32.73	cps
Calcium	43-1	127	149	130	135	8.58	cps
Calcium	44-1	10365	10274	10414	10351	0.69	cps
Carbon	12-1	8455233	8401953	8390866	8416018	0.41	cps
Carbon	12-2	96448	93673	94127	94750	1.57	cps
Chlorine	35-1	108841	105029	103335	105735	2.67	cps
Chlorine	35-2	725	567	775	689	15.79	cps
Chromium	52-2	493	497	430	473	7.94	cps
Cobalt	59-2	30	47	43	40	22.05	cps
Copper	63-2	587	667	707	653	9.35	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	93	70	107	90	20.62	cps
Holmium	165-1	7858847	7942973	7665777	7822532	1.82	cps
Holmium	165-2	3261680	3156613	3174364	3197552	1.76	cps
Indium	115-1	6929575	6813569	6887353	6876832	0.85	cps
Indium	115-2	967197	982242	997678	982372	1.55	cps
Iron	54-2	578	717	594	630	12.04	cps
Iron	56-2	3389	3373	2989	3250	6.96	cps
Iron	57-2	194	217	233	215	9.08	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	479	429	396	435	9.56	cps
Lead	206-1	656	711	744	704	6.38	cps
Lead	207-1	644	567	561	591	7.89	cps
Lead	208-1	2961	2683	3006	2884	6.06	cps
Lithium	6-1	4071770	4112930	4308109	4164270	3.03	cps
Magnesium	24-2	367	342	250	319	19.23	cps
Manganese	55-2	73	33	50	52	38.48	cps
Molybdenum	94-1	200	250	267	239	14.52	cps
Molybdenum	95-1	67	92	133	97	34.64	cps
Molybdenum	96-1	167	283	292	247	28.27	cps
Molybdenum	97-1	25	25	75	42	69.28	cps
Molybdenum	98-1	83	142	250	158	53.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	30	50	53	47.19	cps
Phosphorus	31-2	1200	1100	1175	1158	4.49	cps
Potassium	39-2	15717	16376	15717	15937	2.39	cps
Rhodium	103-1	6883232	6829043	6778364	6830213	0.77	cps
Rhodium	103-2	2683758	2718448	2712077	2704761	0.68	cps
Scandium	45-1	5359575	5230190	5276644	5288803	1.24	cps
Scandium	45-2	160680	163371	159756	161269	1.16	cps
Selenium	82-1	20	25	70	38	71.83	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	71	56	59	62	12.80	cps
Silicon	28-1	806897	846715	801814	818475	3.00	cps
Silver	107-1	133	183	183	167	17.32	cps
Silver	109-1	67	108	125	100	30.04	cps
Sodium	23-2	19672	19989	18637	19433	3.64	cps
Strontium	86-1	683	808	750	747	8.37	cps
Strontium	88-1	200	175	308	228	31.12	cps
Sulfur	34-1	306756	304781	307802	306446	0.50	cps
Terbium	159-1	8082402	8214370	8099519	8132097	0.88	cps
Terbium	159-2	3264558	3217459	3134811	3205610	2.05	cps
Thallium	203-1	100	133	208	147	37.69	cps
Thallium	205-1	342	333	358	344	3.70	cps
Tin	118-1	692	575	934	733	24.93	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:07:22	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	175	225	197	12.91	cps
Uranium	238-1	33	17	83	44	78.07	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Ytterbium	172-1	67	25	75	56	48.22	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	1075	1058	983	1039	4.70	cps
Ytterbium	176-2	7308	7713	8058	7693	4.88	cps
Yttrium	89-1	11694339	11643681	11338079	11558700	1.67	cps
Yttrium	89-2	1147190	1163688	1154824	1155234	0.71	cps
Zinc	66-2	160	127	143	143	11.63	cps
Zirconium	90-1	400	467	542	469	15.10	cps
Zirconium	91-1	58	42	75	58	28.57	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5062784	5074646	4842720	4993383	2.62	cps
Antimony	121-1	5476	5310	5385	5390	1.55	cps
Arsenic	75-2	39	43	52	45	14.92	cps
Barium	135-1	1692	1959	1842	1831	7.30	cps
Barium	137-1	3359	3326	3092	3259	4.46	cps
Beryllium	9-1	701	701	734	712	2.64	cps
Bismuth	209-1	4618255	4752506	4899638	4756800	2.96	cps
Bismuth	209-2	2320745	2319362	2294833	2311646	0.63	cps
Boron	10-1	2280	2376	2300	2318	2.18	cps
Boron	11-1	10132	10412	10140	10228	1.56	cps
Bromine	81-1	36746	35732	35421	35967	1.93	cps
Cadmium	111-1	922	863	920	902	3.75	cps
Cadmium	106-1	3034	3225	3401	3220	5.70	cps
Cadmium	108-1	1104	1092	1058	1085	2.18	cps
Calcium	43-1	2042908	2039528	2038648	2040362	0.11	cps
Calcium	44-1	33297630	33202297	32356161	32952029	1.57	cps
Carbon	12-1	28914318	29797904	30030228	29580817	1.99	cps
Carbon	12-2	335374	334240	326563	332059	1.44	cps
Chlorine	35-1	15693299	17644563	18466605	17268156	8.25	cps
Chlorine	35-2	148037	155725	155445	153069	2.85	cps
Chromium	52-2	30914	29213	29517	29881	3.03	cps
Cobalt	59-2	3224	3057	3224	3168	3.04	cps
Copper	63-2	15816	15632	16460	15969	2.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	83	25	67	58	51.51	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	58	25	83	56	52.68	cps
Gadolinium	160-2	103	93	97	98	5.21	cps
Holmium	165-1	8168745	7894390	7985462	8016199	1.74	cps
Holmium	165-2	3286228	3344359	3297478	3309355	0.93	cps
Indium	115-1	6786069	6768526	6652473	6735689	1.08	cps
Indium	115-2	984643	979862	977861	980789	0.36	cps
Iron	54-2	6935797	6921406	6789807	6882337	1.17	cps
Iron	56-2	127398642	122081236	123147375	124209084	2.26	cps
Iron	57-2	3240232	3133810	3171229	3181757	1.70	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	462	447	440	450	2.55	cps
Lead	206-1	22297	22982	23678	22986	3.00	cps
Lead	207-1	18141	18658	18235	18345	1.50	cps
Lead	208-1	85673	88274	86468	86805	1.54	cps
Lithium	6-1	4105742	4049975	4027856	4061191	0.99	cps
Magnesium	24-2	13166330	13287802	12813588	13089240	1.88	cps
Manganese	55-2	6331	6435	6168	6311	2.13	cps
Molybdenum	94-1	3342202	3346344	3296928	3328491	0.82	cps
Molybdenum	95-1	5703396	5829396	5671754	5734849	1.45	cps
Molybdenum	96-1	6023658	6223860	6124909	6124142	1.63	cps
Molybdenum	97-1	3464492	3570514	3612081	3549029	2.14	cps
Molybdenum	98-1	8761077	9127024	9152673	9013591	2.43	cps
Neodymium	150-1	40	13	33	29	48.05	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	4494	4461	4601	4519	1.62	cps
Phosphorus	31-2	321118	321424	314838	319126	1.16	cps
Potassium	39-2	9106499	9388480	8952191	9149057	2.42	cps
Rhodium	103-1	6422442	6619084	6576107	6539211	1.58	cps
Rhodium	103-2	2666377	2676809	2679977	2674388	0.27	cps
Scandium	45-1	5416977	5381020	5386171	5394723	0.36	cps
Scandium	45-2	164876	168316	166769	166654	1.03	cps
Selenium	82-1	45	73	64	60	23.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	65	68	59	64	7.16	cps
Silicon	28-1	1002755	1018615	998485	1006618	1.05	cps
Silver	107-1	158	467	217	281	58.38	cps
Silver	109-1	150	383	217	250	48.08	cps
Sodium	23-2	24911571	25541520	24979353	25144148	1.38	cps
Strontium	86-1	67254	66369	65312	66312	1.47	cps
Strontium	88-1	564799	581828	558288	568305	2.14	cps
Sulfur	34-1	3642286	3547618	3636592	3608832	1.47	cps
Terbium	159-1	8256419	8288242	8534046	8359569	1.82	cps
Terbium	159-2	3362316	3261839	3309523	3311226	1.52	cps
Thallium	203-1	708	608	625	647	8.28	cps
Thallium	205-1	1950	1709	1792	1817	6.76	cps
Tin	118-1	1292	1667	1333	1431	14.37	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:10:34	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1904849	2029231	1906499	1946860	3.66	cps
Uranium	238-1	192	600	325	372	55.94	cps
Vanadium	51-2	233	230	193	219	10.14	cps
Ytterbium	172-1	75	67	17	53	59.77	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	1017	1233	1058	1103	10.43	cps
Ytterbium	176-2	7452	7986	7713	7717	3.46	cps
Yttrium	89-1	11575410	11895337	11641839	11704195	1.44	cps
Yttrium	89-2	1176645	1184516	1175784	1178982	0.41	cps
Zinc	66-2	3200	3027	2880	3036	5.28	cps
Zirconium	90-1	692	1818	675	1062	61.71	cps
Zirconium	91-1	58	483	208	250	86.23	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5050263	5171437	5050855	5090852	1.37	cps
Antimony	121-1	108698	108188	107741	108209	0.44	cps
Arsenic	75-2	3077	2978	2975	3010	1.93	cps
Barium	135-1	28188	27988	27295	27824	1.68	cps
Barium	137-1	47769	47761	47216	47582	0.67	cps
Beryllium	9-1	49983	50164	49500	49882	0.69	cps
Bismuth	209-1	4725984	4826131	4858771	4803629	1.44	cps
Bismuth	209-2	2396491	2321794	2295134	2337806	2.25	cps
Boron	10-1	23867	24572	24213	24217	1.46	cps
Boron	11-1	109322	110523	109654	109833	0.56	cps
Bromine	81-1	37008	39437	35452	37299	5.38	cps
Cadmium	111-1	30308	29463	29244	29672	1.89	cps
Cadmium	106-1	7636	7260	6927	7274	4.87	cps
Cadmium	108-1	3788	3826	3805	3806	0.49	cps
Calcium	43-1	2136107	2104864	2120660	2120544	0.74	cps
Calcium	44-1	35114541	33969999	33402340	34162293	2.55	cps
Carbon	12-1	30628609	31560823	31166862	31118765	1.50	cps
Carbon	12-2	349737	342811	335082	342543	2.14	cps
Chlorine	35-1	18957057	21734687	22521634	21071126	8.89	cps
Chlorine	35-2	174661	172823	179115	175533	1.84	cps
Chromium	52-2	60387	59048	57813	59083	2.18	cps
Cobalt	59-2	56733	55113	53701	55182	2.75	cps
Copper	63-2	56532	54130	53497	54720	2.93	cps
Dysprosium	156-1	67	25	67	53	45.58	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	108	50	72	43.69	cps
Erbium	164-2	37	27	13	26	45.82	cps
Gadolinium	160-1	33	83	58	58	42.87	cps
Gadolinium	160-2	143	123	127	131	8.17	cps
Holmium	165-1	8341393	8413582	8447406	8400794	0.64	cps
Holmium	165-2	3390649	3409305	3482637	3427530	1.42	cps
Indium	115-1	7285883	7011077	7289289	7195417	2.22	cps
Indium	115-2	984003	979334	993167	985501	0.71	cps
Iron	54-2	6970389	6749836	6776921	6832382	1.76	cps
Iron	56-2	133594314	123958114	122749808	126767412	4.69	cps
Iron	57-2	3204275	3172253	3105038	3160522	1.60	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	442	477	461	460	3.80	cps
Lead	206-1	122032	119647	116255	119312	2.43	cps
Lead	207-1	103004	99454	99895	100784	1.92	cps
Lead	208-1	467192	463850	455455	462166	1.31	cps
Lithium	6-1	4214625	4076851	4165014	4152164	1.68	cps
Magnesium	24-2	13403187	12982039	12870019	13085082	2.15	cps
Manganese	55-2	22581	22431	21880	22298	1.66	cps
Molybdenum	94-1	3762397	3847544	3769215	3793052	1.25	cps
Molybdenum	95-1	6106805	6208946	6268829	6194860	1.32	cps
Molybdenum	96-1	6577884	6621868	6520454	6573402	0.77	cps
Molybdenum	97-1	3755556	3812617	3756228	3774800	0.87	cps
Molybdenum	98-1	9504780	9939407	9694187	9712791	2.24	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	18539	18399	17715	18217	2.42	cps
Phosphorus	31-2	324302	329325	320731	324786	1.33	cps
Potassium	39-2	9205975	9235463	9131460	9190966	0.58	cps
Rhodium	103-1	6838731	6939713	6847699	6875381	0.81	cps
Rhodium	103-2	2784346	2757970	2785781	2776032	0.56	cps
Scandium	45-1	5660690	5600130	5690093	5650304	0.81	cps
Scandium	45-2	171665	173449	172407	172507	0.52	cps
Selenium	82-1	2739	2788	2785	2770	0.99	cps
Selenium	77-2	67	83	83	78	12.37	cps
Selenium	78-2	303	327	310	313	3.94	cps
Silicon	28-1	1248111	1263664	1257135	1256303	0.62	cps
Silver	107-1	150805	152104	148277	150395	1.29	cps
Silver	109-1	143193	146982	142444	144206	1.69	cps
Sodium	23-2	25618395	25324206	24830844	25257815	1.58	cps
Strontium	86-1	173397	173572	172339	173103	0.39	cps
Strontium	88-1	1497408	1530404	1490904	1506239	1.41	cps
Sulfur	34-1	3717590	3787577	3714544	3739904	1.10	cps
Terbium	159-1	8562060	8721880	8495260	8593067	1.36	cps
Terbium	159-2	3341494	3409598	3376331	3375808	1.01	cps
Thallium	203-1	96779	97893	97291	97321	0.57	cps
Thallium	205-1	227328	230975	224674	227659	1.39	cps
Tin	118-1	248961	260503	249464	252976	2.58	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:16:49	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2101868	2055986	2080541	2079465	1.10	cps
Uranium	238-1	816001	816157	805953	812704	0.72	cps
Vanadium	51-2	24057	23750	23603	23803	0.97	cps
Ytterbium	172-1	50	50	25	42	34.64	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	2025	2284	2150	2153	6.00	cps
Ytterbium	176-2	8080	8503	8636	8407	3.45	cps
Yttrium	89-1	12022078	12537084	12159098	12239420	2.18	cps
Yttrium	89-2	1195566	1216105	1212514	1208062	0.91	cps
Zinc	66-2	7819	7992	7489	7767	3.29	cps
Zirconium	90-1	574032	594477	578119	582209	1.86	cps
Zirconium	91-1	130620	134649	132478	132582	1.52	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2712750	2798016	2658363	2723043	2.59	cps
Antimony	121-1	2646297	2623283	2647714	2639098	0.52	cps
Arsenic	75-2	74794	73433	72884	73704	1.33	cps
Barium	135-1	3282997	3304677	3375581	3321085	1.46	cps
Barium	137-1	5684436	5881343	5808482	5791420	1.72	cps
Beryllium	9-1	1247818	1252662	1322072	1274184	3.26	cps
Bismuth	209-1	4709782	4653513	4782898	4715398	1.38	cps
Bismuth	209-2	2207787	2264144	2270930	2247621	1.54	cps
Boron	10-1	256306	265932	266548	262929	2.18	cps
Boron	11-1	1066712	1048509	1079686	1064969	1.47	cps
Bromine	81-1	36927	37841	36505	37091	1.84	cps
Cadmium	111-1	746506	766453	753360	755439	1.34	cps
Cadmium	106-1	91564	91789	92787	92046	0.71	cps
Cadmium	108-1	60976	62249	62914	62046	1.59	cps
Calcium	43-1	5350073	5407992	5399402	5385822	0.58	cps
Calcium	44-1	84449894	85208587	85295701	84984727	0.55	cps
Carbon	12-1	9191060	9516162	9299172	9335465	1.77	cps
Carbon	12-2	106694	106778	108785	107419	1.10	cps
Chlorine	35-1	975884	956864	960318	964356	1.05	cps
Chlorine	35-2	6352	5885	5918	6051	4.30	cps
Chromium	52-2	803900	799988	771761	791883	2.21	cps
Cobalt	59-2	1440776	1353779	1399675	1398076	3.11	cps
Copper	63-2	10929165	10882460	10501483	10771036	2.18	cps
Dysprosium	156-1	692	550	658	633	11.69	cps
Dysprosium	156-2	277	230	227	244	11.44	cps
Erbium	164-1	83	58	83	75	19.25	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	700	692	725	706	2.46	cps
Gadolinium	160-2	430	393	443	422	6.13	cps
Holmium	165-1	8533396	8341990	8318892	8398093	1.40	cps
Holmium	165-2	3337062	3511342	3429679	3426028	2.55	cps
Indium	115-1	6882643	6915271	7066644	6954852	1.41	cps
Indium	115-2	977013	998620	970010	981881	1.52	cps
Iron	54-2	9301787	8793961	8812241	8969330	3.21	cps
Iron	56-2	161328215	160322009	158134459	159928228	1.02	cps
Iron	57-2	4099246	4017190	3903356	4006597	2.46	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	449	481	439	456	4.87	cps
Lead	206-1	10296399	10399293	10538334	10411342	1.17	cps
Lead	207-1	9128837	9326694	9145499	9200343	1.19	cps
Lead	208-1	41761530	41629183	42321642	41904118	0.88	cps
Lithium	6-1	4111971	4321568	4321349	4251629	2.84	cps
Magnesium	24-2	36002103	36900365	35492269	36131579	1.97	cps
Manganese	55-2	4437129	4312808	4283075	4344338	1.88	cps
Molybdenum	94-1	11297943	11582762	11024355	11301687	2.47	cps
Molybdenum	95-1	16225247	16317802	16248382	16263810	0.30	cps
Molybdenum	96-1	17240175	17357222	17366100	17321166	0.41	cps
Molybdenum	97-1	9427977	9895728	9694552	9672752	2.43	cps
Molybdenum	98-1	25302801	25245866	25094649	25214439	0.43	cps
Neodymium	150-1	220	293	193	236	21.98	cps
Neodymium	150-2	37	13	17	22	56.80	cps
Nickel	60-2	394407	384759	375917	385027	2.40	cps
Phosphorus	31-2	36806	35193	35553	35851	2.36	cps
Potassium	39-2	12105770	12199513	12174580	12159955	0.40	cps
Rhodium	103-1	6482022	6682310	6601763	6588698	1.53	cps
Rhodium	103-2	2637253	2598484	2680747	2638828	1.56	cps
Scandium	45-1	5580987	5503122	5618712	5567607	1.06	cps
Scandium	45-2	168173	171551	173466	171063	1.57	cps
Selenium	82-1	71057	71978	72485	71840	1.01	cps
Selenium	77-2	2090	2074	2000	2055	2.33	cps
Selenium	78-2	7055	6839	6717	6871	2.49	cps
Silicon	28-1	13163185	13402639	13353448	13306424	0.95	cps
Silver	107-1	4167579	4094027	4059987	4107197	1.34	cps
Silver	109-1	3919074	3948609	3978342	3948675	0.75	cps
Sodium	23-2	67193881	68641431	64531820	66789044	3.12	cps
Strontium	86-1	26076820	25452018	25590244	25706361	1.28	cps
Strontium	88-1	216950930	220128105	221570255	219549763	1.08	cps
Sulfur	34-1	799765	787165	790882	792604	0.82	cps
Terbium	159-1	8599032	8561589	8650420	8603680	0.52	cps
Terbium	159-2	3302935	3396933	3368028	3355965	1.43	cps
Thallium	203-1	2598528	2496543	2478936	2524669	2.56	cps
Thallium	205-1	5804468	5724996	5801479	5776981	0.78	cps
Tin	118-1	2391040	2388929	2333413	2371127	1.38	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:30:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5158945	5208164	5119239	5162116	0.86	cps
Uranium	238-1	8001693	7938014	8135636	8025114	1.26	cps
Vanadium	51-2	639804	626080	619394	628426	1.66	cps
Ytterbium	172-1	258	200	267	242	15.03	cps
Ytterbium	172-2	78	128	89	98	26.75	cps
Ytterbium	176-1	11547	11272	11705	11508	1.91	cps
Ytterbium	176-2	12228	12256	11533	12006	3.41	cps
Yttrium	89-1	12089692	12119806	11962342	12057280	0.69	cps
Yttrium	89-2	1200382	1214176	1201572	1205377	0.63	cps
Zinc	66-2	1254013	1256287	1235381	1248561	0.92	cps
Zirconium	90-1	5532621	5412779	5469826	5471742	1.10	cps
Zirconium	91-1	1220464	1253492	1238308	1237421	1.34	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54	67	76	66	17.23	cps
Antimony	121-1	100	150	158	136	23.18	cps
Arsenic	75-2	7	4	2	4	58.08	cps
Barium	135-1	17	58	17	31	78.71	cps
Barium	137-1	108	92	42	81	43.07	cps
Beryllium	9-1	57	74	60	64	13.73	cps
Bismuth	209-1	5188586	5172442	5096648	5152559	0.95	cps
Bismuth	209-2	2393475	2538314	2446959	2459583	2.98	cps
Boron	10-1	5072	4774	4530	4792	5.67	cps
Boron	11-1	21812	21353	20504	21223	3.13	cps
Bromine	81-1	40039	42659	39367	40688	4.28	cps
Cadmium	111-1	327	370	379	359	7.73	cps
Cadmium	106-1	3376	3559	3792	3576	5.84	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	196	197	200	198	0.96	cps
Calcium	44-1	10460	10774	10072	10435	3.37	cps
Carbon	12-1	8954149	8921620	8906767	8927512	0.27	cps
Carbon	12-2	101894	98765	97967	99542	2.09	cps
Chlorine	35-1	456889	453446	445292	451876	1.32	cps
Chlorine	35-2	2617	2917	2725	2753	5.52	cps
Chromium	52-2	403	553	550	502	17.06	cps
Cobalt	59-2	60	120	73	84	37.31	cps
Copper	63-2	907	747	820	824	9.72	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	100	67	58	75	29.39	cps
Gadolinium	160-2	80	110	87	92	17.08	cps
Holmium	165-1	8080820	8092686	8298399	8157302	1.50	cps
Holmium	165-2	3198081	3195755	3301708	3231848	1.87	cps
Indium	115-1	7112935	7096920	6975823	7061893	1.06	cps
Indium	115-2	945509	972886	982490	966962	1.98	cps
Iron	54-2	661	550	644	619	9.69	cps
Iron	56-2	3717	3823	3712	3751	1.67	cps
Iron	57-2	94	189	139	141	33.57	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	426	405	459	430	6.30	cps
Lead	206-1	922	939	889	917	2.78	cps
Lead	207-1	956	928	906	930	2.69	cps
Lead	208-1	3978	4211	3800	3997	5.16	cps
Lithium	6-1	4464653	4508411	4367131	4446731	1.63	cps
Magnesium	24-2	433	475	400	436	8.62	cps
Manganese	55-2	53	67	67	62	12.38	cps
Molybdenum	94-1	333	383	158	292	40.51	cps
Molybdenum	95-1	300	292	142	244	36.45	cps
Molybdenum	96-1	308	425	275	336	23.43	cps
Molybdenum	97-1	83	125	125	111	21.65	cps
Molybdenum	98-1	242	450	317	336	31.39	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	63	60	93	72	25.42	cps
Phosphorus	31-2	1200	992	1175	1122	10.14	cps
Potassium	39-2	16985	15926	17244	16718	4.18	cps
Rhodium	103-1	7230476	7049425	7065429	7115110	1.41	cps
Rhodium	103-2	2741394	2833074	2723524	2765997	2.12	cps
Scandium	45-1	5714401	5387322	5445342	5515688	3.16	cps
Scandium	45-2	157001	164639	163453	161697	2.54	cps
Selenium	82-1	61	82	-13	44	113.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	65	60	62	4.27	cps
Silicon	28-1	815893	805250	813181	811441	0.68	cps
Silver	107-1	717	542	767	675	17.50	cps
Silver	109-1	717	592	592	633	11.40	cps
Sodium	23-2	22626	21942	21792	22120	2.01	cps
Strontium	86-1	858	1083	767	903	18.05	cps
Strontium	88-1	1742	3051	1208	2001	47.40	cps
Sulfur	34-1	317005	320591	312970	316855	1.20	cps
Terbium	159-1	8555605	8447717	8427590	8476970	0.81	cps
Terbium	159-2	3234941	3335381	3264996	3278440	1.57	cps
Thallium	203-1	700	575	642	639	9.79	cps
Thallium	205-1	1650	1417	1433	1500	8.68	cps
Tin	118-1	592	1076	708	792	31.91	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:43:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	233	267	250	6.67	cps
Uranium	238-1	67	117	83	89	28.64	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Ytterbium	172-1	33	33	8	25	57.74	cps
Ytterbium	172-2	11	28	11	17	57.75	cps
Ytterbium	176-1	1300	1208	1200	1236	4.49	cps
Ytterbium	176-2	7391	7491	7480	7454	0.74	cps
Yttrium	89-1	11840684	11955632	11679339	11825218	1.17	cps
Yttrium	89-2	1139020	1153526	1151636	1148060	0.69	cps
Zinc	66-2	123	120	110	118	5.89	cps
Zirconium	90-1	500	583	658	581	13.64	cps
Zirconium	91-1	33	125	133	97	57.07	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1130	1126	1135	1.12	cps
Antimony	121-1	9545	9445	9320	9437	1.20	cps
Arsenic	75-2	152	159	139	150	6.77	cps
Barium	135-1	11322	12156	11389	11622	3.99	cps
Barium	137-1	20483	20616	20291	20463	0.80	cps
Beryllium	9-1	2871	2732	2684	2762	3.52	cps
Bismuth	209-1	4767673	5205375	5377074	5116707	6.14	cps
Bismuth	209-2	2459153	2541389	2494259	2498267	1.65	cps
Boron	10-1	11666	12781	12729	12392	5.08	cps
Boron	11-1	52216	54239	53929	53461	2.04	cps
Bromine	81-1	41203	44537	44035	43258	4.15	cps
Cadmium	111-1	1894	2022	1865	1927	4.33	cps
Cadmium	106-1	3592	4151	3634	3792	8.20	cps
Cadmium	108-1	142	133	158	144	8.81	cps
Calcium	43-1	10239	10287	10034	10187	1.32	cps
Calcium	44-1	173681	170734	168946	171120	1.40	cps
Carbon	12-1	8809277	8765596	8687694	8754189	0.70	cps
Carbon	12-2	98388	99847	99058	99098	0.74	cps
Chlorine	35-1	428266	418774	418485	421842	1.32	cps
Chlorine	35-2	2884	2609	2775	2756	5.03	cps
Chromium	52-2	3434	3134	3197	3255	4.86	cps
Cobalt	59-2	2684	2634	2350	2556	7.03	cps
Copper	63-2	4888	4754	4881	4841	1.55	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	17	67	47	56.72	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	17	75	67	53	59.77	cps
Gadolinium	160-2	83	110	113	102	16.09	cps
Holmium	165-1	7631772	8031531	8186146	7949816	3.60	cps
Holmium	165-2	3265817	3285139	3338910	3296622	1.15	cps
Indium	115-1	6689348	7047644	7212382	6983125	3.83	cps
Indium	115-2	969942	997664	988983	985530	1.44	cps
Iron	54-2	3789	3756	3623	3723	2.37	cps
Iron	56-2	64205	64228	60902	63112	3.03	cps
Iron	57-2	1561	1822	1639	1674	8.01	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	487	429	449	7.40	cps
Lead	206-1	4901	4823	4479	4734	4.75	cps
Lead	207-1	3973	3812	4312	4032	6.33	cps
Lead	208-1	18939	18456	18806	18733	1.33	cps
Lithium	6-1	4169115	4537176	4495191	4400494	4.58	cps
Magnesium	24-2	67172	65875	66060	66369	1.06	cps
Manganese	55-2	867	743	770	793	8.18	cps
Molybdenum	94-1	12081	12439	11338	11953	4.70	cps
Molybdenum	95-1	14758	14408	14984	14717	1.97	cps
Molybdenum	96-1	16502	16961	16535	16666	1.53	cps
Molybdenum	97-1	9095	8545	8236	8625	5.04	cps
Molybdenum	98-1	23854	23871	22928	23551	2.29	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	773	817	737	776	5.16	cps
Phosphorus	31-2	1200	1258	1383	1281	7.31	cps
Potassium	39-2	59532	58929	58570	59010	0.82	cps
Rhodium	103-1	6858807	7192530	6970727	7007355	2.42	cps
Rhodium	103-2	2754136	2793080	2771062	2772759	0.70	cps
Scandium	45-1	5204688	5256912	5476835	5312812	2.72	cps
Scandium	45-2	162238	168657	164270	165055	1.99	cps
Selenium	82-1	761	664	685	703	7.29	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	118	113	131	121	7.70	cps
Silicon	28-1	869238	862021	861326	864195	0.51	cps
Silver	107-1	8745	8578	8203	8508	3.26	cps
Silver	109-1	8144	8153	8261	8186	0.80	cps
Sodium	23-2	143328	140869	142217	142138	0.87	cps
Strontium	86-1	2817	2625	2467	2636	6.65	cps
Strontium	88-1	16694	17011	16627	16777	1.22	cps
Sulfur	34-1	323934	326974	324859	325256	0.48	cps
Terbium	159-1	8139447	8411089	8761046	8437194	3.69	cps
Terbium	159-2	3163151	3303921	3356659	3274577	3.05	cps
Thallium	203-1	5076	5018	5093	5062	0.78	cps
Thallium	205-1	12215	12148	11814	12059	1.78	cps
Tin	118-1	23196	23321	22494	23004	1.94	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:46:36	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4759	5201	4643	4868	6.05	cps
Uranium	238-1	14350	14984	14676	14670	2.16	cps
Vanadium	51-2	5478	5745	5274	5499	4.29	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	1017	1333	1333	1228	14.89	cps
Ytterbium	176-2	7324	7702	7736	7588	3.01	cps
Yttrium	89-1	11413884	12014364	12255050	11894432	3.64	cps
Yttrium	89-2	1125923	1185634	1163793	1158450	2.61	cps
Zinc	66-2	777	700	753	743	5.29	cps
Zirconium	90-1	10237	9962	9629	9943	3.07	cps
Zirconium	91-1	2492	2334	2400	2409	3.30	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294	300	279	291	3.76	cps
Antimony	121-1	1217	1108	1150	1158	4.72	cps
Arsenic	75-2	53	42	22	39	40.31	cps
Barium	135-1	1442	1308	1400	1383	4.93	cps
Barium	137-1	2659	2342	2367	2456	7.17	cps
Beryllium	9-1	729	685	719	711	3.23	cps
Bismuth	209-1	5301632	5275208	5126454	5234431	1.80	cps
Bismuth	209-2	2454425	2461479	2378878	2431594	1.88	cps
Boron	10-1	2068	2052	1902	2007	4.56	cps
Boron	11-1	9109	8681	8509	8766	3.53	cps
Bromine	81-1	38945	42139	42861	41315	5.04	cps
Cadmium	111-1	700	876	723	766	12.48	cps
Cadmium	106-1	3459	3984	3409	3617	8.81	cps
Cadmium	108-1	54	63	50	56	11.46	cps
Calcium	43-1	686	615	664	655	5.56	cps
Calcium	44-1	17624	17262	17297	17394	1.15	cps
Carbon	12-1	9373105	9327065	9350906	9350359	0.25	cps
Carbon	12-2	102867	106778	104068	104571	1.92	cps
Chlorine	35-1	294180	289881	287524	290529	1.16	cps
Chlorine	35-2	1817	1917	1808	1847	3.26	cps
Chromium	52-2	833	750	903	829	9.26	cps
Cobalt	59-2	667	613	643	641	4.17	cps
Copper	63-2	1793	1723	1780	1766	2.11	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	120	107	87	104	16.06	cps
Holmium	165-1	8152774	8148089	8207363	8169409	0.40	cps
Holmium	165-2	3277916	3277602	3136812	3230777	2.52	cps
Indium	115-1	6970641	6997392	6913459	6960498	0.62	cps
Indium	115-2	964556	963323	964491	964123	0.07	cps
Iron	54-2	1433	1295	1345	1357	5.18	cps
Iron	56-2	17734	17967	17683	17795	0.85	cps
Iron	57-2	478	561	594	544	11.04	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	434	399	457	430	6.87	cps
Lead	206-1	1945	1828	1867	1880	3.16	cps
Lead	207-1	1739	1556	1561	1619	6.44	cps
Lead	208-1	7718	7284	7562	7521	2.92	cps
Lithium	6-1	4529132	4387602	4281619	4399451	2.82	cps
Magnesium	24-2	3709	3509	3267	3495	6.33	cps
Manganese	55-2	417	403	443	421	4.84	cps
Molybdenum	94-1	3159	3342	3009	3170	5.27	cps
Molybdenum	95-1	3917	4134	3759	3937	4.78	cps
Molybdenum	96-1	4301	4634	4367	4434	3.98	cps
Molybdenum	97-1	2300	2225	2475	2334	5.50	cps
Molybdenum	98-1	6260	6101	5760	6040	4.23	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	190	230	221	12.55	cps
Phosphorus	31-2	983	1317	1208	1170	14.54	cps
Potassium	39-2	17361	17820	17361	17514	1.51	cps
Rhodium	103-1	6934168	7170280	6868324	6990924	2.27	cps
Rhodium	103-2	2730980	2699860	2765601	2732147	1.20	cps
Scandium	45-1	5515192	5511501	5302370	5443021	2.24	cps
Scandium	45-2	162530	163785	160222	162179	1.11	cps
Selenium	82-1	325	389	285	333	15.72	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	97	92	84	91	7.21	cps
Silicon	28-1	821357	823278	816168	820268	0.45	cps
Silver	107-1	2517	2259	2059	2278	10.09	cps
Silver	109-1	2075	2092	2009	2059	2.14	cps
Sodium	23-2	26441	25782	25013	25745	2.78	cps
Strontium	86-1	1175	1092	1117	1128	3.79	cps
Strontium	88-1	4076	4134	4109	4106	0.71	cps
Sulfur	34-1	347010	342768	344947	344908	0.62	cps
Terbium	159-1	8644998	8549639	8681553	8625397	0.79	cps
Terbium	159-2	3306147	3279212	3230634	3271998	1.17	cps
Thallium	203-1	1700	1492	1592	1595	6.54	cps
Thallium	205-1	3934	4059	3834	3942	2.86	cps
Tin	118-1	1567	1675	1475	1572	6.37	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 14:58:38	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1583	1558	1475	1539	3.69	cps
Uranium	238-1	3417	3484	3526	3476	1.57	cps
Vanadium	51-2	327	327	317	323	1.79	cps
Ytterbium	172-1	33	58	58	50	28.87	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	1117	1258	1383	1253	10.65	cps
Ytterbium	176-2	7530	7458	7586	7525	0.85	cps
Yttrium	89-1	11508224	11739255	11809944	11685808	1.35	cps
Yttrium	89-2	1139132	1156917	1135220	1143756	1.01	cps
Zinc	66-2	240	263	260	254	4.96	cps
Zirconium	90-1	2809	2834	2775	2806	1.04	cps
Zirconium	91-1	675	650	617	647	4.52	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089	1022	1062	1058	3.15	cps
Antimony	121-1	9412	9604	9312	9442	1.57	cps
Arsenic	75-2	158	140	146	148	6.19	cps
Barium	135-1	10671	11138	11188	10999	2.59	cps
Barium	137-1	19306	20992	19732	20010	4.38	cps
Beryllium	9-1	2757	2875	2862	2832	2.28	cps
Bismuth	209-1	5078569	5216789	5370175	5221844	2.79	cps
Bismuth	209-2	2362489	2452839	2397575	2404301	1.89	cps
Boron	10-1	10005	10228	10242	10158	1.30	cps
Boron	11-1	43845	45545	45764	45052	2.33	cps
Bromine	81-1	41334	42609	43424	42456	2.48	cps
Cadmium	111-1	1837	1699	1723	1753	4.20	cps
Cadmium	106-1	3534	4101	4001	3878	7.80	cps
Cadmium	108-1	167	129	146	147	12.76	cps
Calcium	43-1	10156	9912	10121	10063	1.31	cps
Calcium	44-1	171180	167550	164679	167803	1.94	cps
Carbon	12-1	8829784	8797068	8937978	8854943	0.83	cps
Carbon	12-2	101827	99738	98111	99892	1.87	cps
Chlorine	35-1	249022	249381	246261	248221	0.69	cps
Chlorine	35-2	1775	1708	1442	1642	10.74	cps
Chromium	52-2	3254	3227	3130	3204	2.03	cps
Cobalt	59-2	2727	2580	2560	2622	3.47	cps
Copper	63-2	4834	4517	4594	4649	3.56	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	13	10	23	16	44.60	cps
Gadolinium	160-1	75	50	25	50	50.00	cps
Gadolinium	160-2	87	123	87	99	21.41	cps
Holmium	165-1	8089068	8012159	8685532	8262253	4.46	cps
Holmium	165-2	3100921	3081785	3213875	3132194	2.28	cps
Indium	115-1	7281911	6919468	7589416	7263598	4.62	cps
Indium	115-2	933262	950560	955675	946499	1.24	cps
Iron	54-2	3917	3889	3801	3869	1.58	cps
Iron	56-2	62610	61806	59954	61457	2.22	cps
Iron	57-2	1633	1650	1822	1702	6.15	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	426	395	425	415	4.26	cps
Lead	206-1	4462	4740	4729	4644	3.39	cps
Lead	207-1	4162	3895	3940	3999	3.57	cps
Lead	208-1	18645	18250	18317	18404	1.15	cps
Lithium	6-1	4474158	4463411	4665163	4534244	2.50	cps
Magnesium	24-2	67181	66687	64912	66260	1.80	cps
Manganese	55-2	823	750	887	820	8.34	cps
Molybdenum	94-1	11864	12740	12222	12275	3.59	cps
Molybdenum	95-1	14817	14274	14792	14628	2.09	cps
Molybdenum	96-1	17044	16877	15868	16596	3.84	cps
Molybdenum	97-1	8803	9112	8711	8875	2.36	cps
Molybdenum	98-1	23387	22544	22819	22917	1.88	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	720	703	757	727	3.75	cps
Phosphorus	31-2	1383	1192	1283	1286	7.45	cps
Potassium	39-2	57197	57808	57181	57395	0.62	cps
Rhodium	103-1	6985567	6948323	7329045	7087645	2.96	cps
Rhodium	103-2	2751213	2692562	2686313	2710029	1.32	cps
Scandium	45-1	5485326	5402241	5844643	5577403	4.22	cps
Scandium	45-2	155806	164605	161733	160715	2.79	cps
Selenium	82-1	706	734	746	729	2.81	cps
Selenium	77-2	27	23	17	22	22.91	cps
Selenium	78-2	114	115	102	110	6.56	cps
Silicon	28-1	877725	872273	872826	874275	0.34	cps
Silver	107-1	8620	8086	8094	8267	3.70	cps
Silver	109-1	7861	7944	7285	7697	4.66	cps
Sodium	23-2	142664	137413	136991	139023	2.27	cps
Strontium	86-1	2375	2467	2442	2428	1.95	cps
Strontium	88-1	16627	16218	16268	16371	1.36	cps
Sulfur	34-1	352462	359936	354967	355788	1.07	cps
Terbium	159-1	8391107	8478343	8638797	8502749	1.48	cps
Terbium	159-2	3075357	3212696	3255580	3181211	2.96	cps
Thallium	203-1	4726	4593	4851	4723	2.74	cps
Thallium	205-1	12381	11664	11472	11839	4.05	cps
Tin	118-1	22953	22411	22594	22653	1.22	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:05:44	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5001	4759	4626	4795	3.97	cps
Uranium	238-1	14042	14367	13749	14053	2.20	cps
Vanadium	51-2	5558	5518	5494	5523	0.58	cps
Ytterbium	172-1	42	50	25	39	32.73	cps
Ytterbium	172-2	0	28	22	17	88.19	cps
Ytterbium	176-1	1192	1217	1283	1231	3.85	cps
Ytterbium	176-2	7308	7430	7397	7378	0.86	cps
Yttrium	89-1	11787642	11649652	12378173	11938489	3.24	cps
Yttrium	89-2	1103530	1142011	1123846	1123129	1.71	cps
Zinc	66-2	783	797	670	750	9.28	cps
Zirconium	90-1	11038	10246	10129	10471	4.72	cps
Zirconium	91-1	2250	2050	2325	2209	6.44	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1002	1030	1049	1027	2.27	cps
Antimony	121-1	9487	9137	8686	9103	4.41	cps
Arsenic	75-2	145	144	162	150	6.73	cps
Barium	135-1	11522	11872	11630	11675	1.54	cps
Barium	137-1	21142	20533	19348	20341	4.49	cps
Beryllium	9-1	2857	2869	2640	2789	4.62	cps
Bismuth	209-1	5002326	4883983	4995759	4960689	1.34	cps
Bismuth	209-2	2409745	2428480	2446080	2428102	0.75	cps
Boron	10-1	10362	10608	10652	10540	1.48	cps
Boron	11-1	44410	47644	46741	46265	3.61	cps
Bromine	81-1	40380	41204	41656	41080	1.57	cps
Cadmium	111-1	1922	1934	1764	1873	5.07	cps
Cadmium	106-1	4076	3901	3551	3842	6.96	cps
Cadmium	108-1	146	188	113	149	25.28	cps
Calcium	43-1	10137	10036	9976	10050	0.81	cps
Calcium	44-1	169171	166934	161985	166030	2.21	cps
Carbon	12-1	9001710	8991282	9161841	9051611	1.06	cps
Carbon	12-2	99915	97112	100023	99017	1.67	cps
Chlorine	35-1	234072	235402	235597	235023	0.35	cps
Chlorine	35-2	1650	1625	1383	1553	9.48	cps
Chromium	52-2	3170	3244	3144	3186	1.63	cps
Cobalt	59-2	2757	2440	2717	2638	6.54	cps
Copper	63-2	4601	4607	4821	4676	2.68	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	25	0	50	25	100.00	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	80	80	73	78	4.95	cps
Holmium	165-1	7859172	7864038	8016953	7913388	1.13	cps
Holmium	165-2	3126782	3135667	3237408	3166619	1.94	cps
Indium	115-1	7002054	7025661	6862324	6963346	1.27	cps
Indium	115-2	956684	936069	948267	947007	1.09	cps
Iron	54-2	3906	3767	3806	3827	1.87	cps
Iron	56-2	60305	60333	60367	60335	0.05	cps
Iron	57-2	1511	1672	1583	1589	5.08	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	422	430	436	430	1.60	cps
Lead	206-1	4468	4295	4645	4469	3.92	cps
Lead	207-1	3940	3589	3845	3791	4.78	cps
Lead	208-1	17371	17533	17822	17575	1.30	cps
Lithium	6-1	4633883	4606110	4334798	4524930	3.65	cps
Magnesium	24-2	67147	63464	63389	64667	3.32	cps
Manganese	55-2	730	867	863	820	9.51	cps
Molybdenum	94-1	11739	12356	11889	11994	2.68	cps
Molybdenum	95-1	14575	14491	14608	14558	0.41	cps
Molybdenum	96-1	16302	16377	15467	16049	3.15	cps
Molybdenum	97-1	9170	9070	9137	9125	0.56	cps
Molybdenum	98-1	23604	22903	23437	23315	1.57	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	747	687	783	739	6.60	cps
Phosphorus	31-2	1167	942	1208	1106	12.98	cps
Potassium	39-2	59339	58486	56662	58162	2.35	cps
Rhodium	103-1	6913441	7074089	6871764	6953098	1.54	cps
Rhodium	103-2	2751809	2715613	2788704	2752042	1.33	cps
Scandium	45-1	5497957	5420879	5396936	5438591	0.97	cps
Scandium	45-2	160145	159642	163235	161007	1.21	cps
Selenium	82-1	680	756	696	711	5.65	cps
Selenium	77-2	30	13	23	22	37.76	cps
Selenium	78-2	128	119	125	124	3.70	cps
Silicon	28-1	865545	869728	878065	871113	0.73	cps
Silver	107-1	7969	7819	7177	7655	5.50	cps
Silver	109-1	8003	7252	7269	7508	5.71	cps
Sodium	23-2	136193	131670	134874	134246	1.73	cps
Strontium	86-1	2559	2659	2400	2539	5.13	cps
Strontium	88-1	16160	15467	15392	15673	2.70	cps
Sulfur	34-1	358414	358567	357366	358116	0.18	cps
Terbium	159-1	8232067	8207008	8371796	8270291	1.07	cps
Terbium	159-2	3164848	3233663	3223554	3207355	1.16	cps
Thallium	203-1	4793	4934	4651	4793	2.96	cps
Thallium	205-1	11931	11497	12231	11886	3.10	cps
Tin	118-1	22486	21810	22227	22174	1.54	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:08:55	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5109	5310	5151	5190	2.03	cps
Uranium	238-1	13424	14442	14133	14000	3.73	cps
Vanadium	51-2	5574	5354	5208	5379	3.43	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	1283	1192	1267	1247	3.92	cps
Ytterbium	176-2	7541	7369	7319	7410	1.57	cps
Yttrium	89-1	11908791	11828612	11464903	11734102	2.02	cps
Yttrium	89-2	1130179	1125058	1127855	1127697	0.23	cps
Zinc	66-2	813	703	703	740	8.58	cps
Zirconium	90-1	9704	10271	9528	9834	3.95	cps
Zirconium	91-1	2134	2267	2059	2153	4.90	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:15:17 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	291	284	300	7.32	cps
Antimony	121-1	1158	1025	1108	1097	6.14	cps
Arsenic	75-2	34	34	36	35	3.33	cps
Barium	135-1	1292	1450	1442	1395	6.39	cps
Barium	137-1	2717	2617	2442	2592	5.37	cps
Beryllium	9-1	712	644	695	684	5.23	cps
Bismuth	209-1	5141562	4892817	5071084	5035154	2.55	cps
Bismuth	209-2	2393574	2398884	2311968	2368142	2.06	cps
Boron	10-1	1456	1502	1370	1442	4.64	cps
Boron	11-1	6552	6622	6342	6506	2.24	cps
Bromine	81-1	43814	41013	42559	42462	3.30	cps
Cadmium	111-1	763	749	751	754	1.02	cps
Cadmium	106-1	3817	3501	3509	3609	5.00	cps
Cadmium	108-1	21	38	42	33	33.08	cps
Calcium	43-1	649	590	609	616	4.87	cps
Calcium	44-1	17169	17104	16409	16894	2.50	cps
Carbon	12-1	9309356	9437650	9413369	9386792	0.73	cps
Carbon	12-2	104538	106132	102532	104400	1.73	cps
Chlorine	35-1	219994	221248	216663	219302	1.08	cps
Chlorine	35-2	1375	1417	1417	1403	1.72	cps
Chromium	52-2	857	740	743	780	8.51	cps
Cobalt	59-2	697	733	677	702	4.09	cps
Copper	63-2	1587	1597	1493	1559	3.66	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	23	3	20	16	68.90	cps
Gadolinium	160-1	83	33	50	56	45.83	cps
Gadolinium	160-2	100	87	70	86	17.57	cps
Holmium	165-1	7960464	8023988	7954278	7979577	0.48	cps
Holmium	165-2	3056035	3136184	3172997	3121739	1.92	cps
Indium	115-1	6883562	7003071	6869793	6918809	1.06	cps
Indium	115-2	945773	937940	936056	939923	0.55	cps
Iron	54-2	1445	1350	1433	1409	3.66	cps
Iron	56-2	16716	17939	17644	17433	3.66	cps
Iron	57-2	600	506	500	535	10.50	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:15:17	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	427	426	379	411	6.76	cps
Lead	206-1	1778	1867	1728	1791	3.93	cps
Lead	207-1	1356	1572	1550	1493	7.99	cps
Lead	208-1	6873	7029	6901	6934	1.20	cps
Lithium	6-1	4371409	4563405	4363730	4432848	2.55	cps
Magnesium	24-2	3442	3109	3642	3398	7.93	cps
Manganese	55-2	403	403	373	393	4.40	cps
Molybdenum	94-1	3400	3175	3167	3248	4.08	cps
Molybdenum	95-1	3926	3734	3159	3606	11.07	cps
Molybdenum	96-1	4376	4426	4067	4290	4.53	cps
Molybdenum	97-1	2300	2475	2284	2353	4.51	cps
Molybdenum	98-1	5635	6327	6026	5996	5.79	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	223	247	243	238	5.31	cps
Phosphorus	31-2	1175	1125	1358	1220	10.07	cps
Potassium	39-2	17085	17044	17644	17258	1.94	cps
Rhodium	103-1	6926243	6823104	6779989	6843112	1.10	cps
Rhodium	103-2	2761243	2655368	2728390	2715000	2.00	cps
Scandium	45-1	5524848	5333345	5345176	5401123	1.99	cps
Scandium	45-2	160174	160471	157613	159419	0.99	cps
Selenium	82-1	334	289	357	327	10.69	cps
Selenium	77-2	10	0	17	9	94.38	cps
Selenium	78-2	71	85	78	78	8.97	cps
Silicon	28-1	820328	815290	801359	812326	1.21	cps
Silver	107-1	2209	1917	2042	2056	7.12	cps
Silver	109-1	1767	1925	1850	1847	4.29	cps
Sodium	23-2	25114	24889	24287	24763	1.72	cps
Strontium	86-1	1033	1217	1158	1136	8.24	cps
Strontium	88-1	4009	4009	3784	3934	3.30	cps
Sulfur	34-1	363597	366361	369783	366581	0.85	cps
Terbium	159-1	8523565	8619866	8283237	8475556	2.05	cps
Terbium	159-2	3119829	3091580	3194575	3135328	1.70	cps
Thallium	203-1	1633	1333	1492	1486	10.10	cps
Thallium	205-1	3492	3392	2892	3259	9.87	cps
Tin	118-1	1684	1583	1800	1689	6.42	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:15:17	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1558	1458	1558	1525	3.79	cps
Uranium	238-1	3467	3376	3426	3423	1.34	cps
Vanadium	51-2	240	253	217	237	7.84	cps
Ytterbium	172-1	25	42	92	53	65.74	cps
Ytterbium	172-2	28	11	39	26	53.93	cps
Ytterbium	176-1	1250	1200	1333	1261	5.34	cps
Ytterbium	176-2	7113	7736	7313	7387	4.30	cps
Yttrium	89-1	11532450	11606018	11573305	11570591	0.32	cps
Yttrium	89-2	1123336	1090514	1113637	1109162	1.52	cps
Zinc	66-2	280	290	200	257	19.22	cps
Zirconium	90-1	2917	2850	2584	2784	6.34	cps
Zirconium	91-1	633	633	508	592	12.20	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:18:27	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1119	1057	1099	1092	2.86	cps
Antimony	121-1	9629	9028	8970	9209	3.96	cps
Arsenic	75-2	162	148	156	155	4.52	cps
Barium	135-1	10571	10871	11205	10883	2.91	cps
Barium	137-1	19131	19899	19715	19581	2.05	cps
Beryllium	9-1	2832	2907	2699	2813	3.76	cps
Bismuth	209-1	5366246	5135444	4888948	5130213	4.65	cps
Bismuth	209-2	2400537	2354293	2379469	2378100	0.97	cps
Boron	10-1	9395	9997	9813	9735	3.17	cps
Boron	11-1	40468	43478	44274	42740	4.70	cps
Bromine	81-1	41314	41534	40050	40966	1.96	cps
Cadmium	111-1	1800	1716	1735	1750	2.53	cps
Cadmium	106-1	3842	3717	3726	3762	1.86	cps
Cadmium	108-1	108	133	138	126	12.48	cps
Calcium	43-1	10035	9738	9902	9892	1.50	cps
Calcium	44-1	164987	165127	164259	164791	0.28	cps
Carbon	12-1	8930909	8862606	8980008	8924507	0.66	cps
Carbon	12-2	101021	100711	97875	99869	1.74	cps
Chlorine	35-1	205359	200433	203941	203244	1.25	cps
Chlorine	35-2	1400	1417	1317	1378	3.89	cps
Chromium	52-2	3014	3194	3130	3113	2.93	cps
Cobalt	59-2	2647	2387	2524	2519	5.16	cps
Copper	63-2	4467	4667	4731	4622	2.97	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	0	20	17	12	87.67	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	130	90	93	104	21.25	cps
Holmium	165-1	8779697	7998014	7744785	8174166	6.60	cps
Holmium	165-2	3202090	3192226	3143646	3179321	0.98	cps
Indium	115-1	7421135	6792549	6781581	6998422	5.23	cps
Indium	115-2	965152	959868	939544	954855	1.42	cps
Iron	54-2	4095	3834	3751	3893	4.62	cps
Iron	56-2	61896	61689	59614	61066	2.07	cps
Iron	57-2	1461	1578	1639	1559	5.79	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:18:27	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	449	417	370	412	9.62	cps
Lead	206-1	4245	4551	4401	4399	3.47	cps
Lead	207-1	3978	3878	3917	3925	1.29	cps
Lead	208-1	17978	17894	17616	17829	1.06	cps
Lithium	6-1	4717956	4406027	4555497	4559827	3.42	cps
Magnesium	24-2	67038	66603	67340	66994	0.55	cps
Manganese	55-2	737	820	730	762	6.58	cps
Molybdenum	94-1	12464	11730	11647	11947	3.76	cps
Molybdenum	95-1	14166	13574	14375	14038	2.96	cps
Molybdenum	96-1	15968	16619	15868	16152	2.52	cps
Molybdenum	97-1	8761	8745	9237	8914	3.13	cps
Molybdenum	98-1	23479	22318	22027	22608	3.40	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	727	737	650	704	6.73	cps
Phosphorus	31-2	1192	1150	1333	1225	7.85	cps
Potassium	39-2	59106	58561	58093	58587	0.87	cps
Rhodium	103-1	7587493	6906594	7078283	7190790	4.92	cps
Rhodium	103-2	2765706	2703151	2636272	2701710	2.40	cps
Scandium	45-1	5902677	5218723	5234821	5452073	7.16	cps
Scandium	45-2	158314	159207	154972	157498	1.42	cps
Selenium	82-1	709	656	754	706	6.91	cps
Selenium	77-2	10	20	10	13	43.30	cps
Selenium	78-2	115	107	116	113	4.38	cps
Silicon	28-1	878377	875661	872862	875634	0.31	cps
Silver	107-1	7944	8361	7361	7889	6.37	cps
Silver	109-1	7619	7311	7652	7527	2.50	cps
Sodium	23-2	139935	138624	135427	137995	1.68	cps
Strontium	86-1	2634	2325	2517	2492	6.25	cps
Strontium	88-1	15634	16385	15642	15887	2.71	cps
Sulfur	34-1	371146	372441	368750	370779	0.50	cps
Terbium	159-1	8924274	8267335	8013934	8401848	5.59	cps
Terbium	159-2	3262715	3215141	3100467	3192775	2.61	cps
Thallium	203-1	4568	4809	4301	4559	5.58	cps
Thallium	205-1	11130	11297	11414	11280	1.26	cps
Tin	118-1	21643	22119	22013	21925	1.14	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:18:27	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4559	5276	4851	4895	7.36	cps
Uranium	238-1	13758	14659	13716	14044	3.79	cps
Vanadium	51-2	5421	5481	5264	5389	2.08	cps
Ytterbium	172-1	25	25	42	31	31.50	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1200	1283	1442	1308	9.38	cps
Ytterbium	176-2	7063	7586	7725	7458	4.68	cps
Yttrium	89-1	12522873	11571479	11423916	11839423	5.04	cps
Yttrium	89-2	1140156	1126350	1098342	1121616	1.90	cps
Zinc	66-2	627	733	673	678	7.89	cps
Zirconium	90-1	10196	8836	9862	9631	7.36	cps
Zirconium	91-1	2292	2350	2242	2295	2.36	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:21:39	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1124	1126	1045	1098	4.21	cps
Antimony	121-1	8895	8753	9353	9000	3.49	cps
Arsenic	75-2	158	156	156	157	0.74	cps
Barium	135-1	10888	10830	11122	10946	1.41	cps
Barium	137-1	20015	19690	19748	19818	0.88	cps
Beryllium	9-1	2844	2849	2714	2802	2.73	cps
Bismuth	209-1	5030451	5176077	5226229	5144252	1.98	cps
Bismuth	209-2	2284464	2368382	2412727	2355191	2.77	cps
Boron	10-1	9989	10216	10536	10247	2.68	cps
Boron	11-1	42130	46233	44918	44427	4.72	cps
Bromine	81-1	39989	39426	39989	39801	0.82	cps
Cadmium	111-1	1846	1949	1983	1926	3.69	cps
Cadmium	106-1	3934	3967	3592	3831	5.42	cps
Cadmium	108-1	163	188	163	171	8.45	cps
Calcium	43-1	9943	9947	9663	9851	1.65	cps
Calcium	44-1	167974	166513	165051	166513	0.88	cps
Carbon	12-1	9230747	9101062	9108977	9146929	0.79	cps
Carbon	12-2	103632	101584	102347	102521	1.01	cps
Chlorine	35-1	196606	199511	197246	197788	0.77	cps
Chlorine	35-2	1075	1250	1342	1222	11.08	cps
Chromium	52-2	3134	3247	3194	3192	1.78	cps
Cobalt	59-2	2717	2524	2544	2595	4.10	cps
Copper	63-2	4831	4397	4754	4661	4.96	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	92	58	108	86	29.57	cps
Gadolinium	160-2	103	70	83	86	19.61	cps
Holmium	165-1	7806718	7653550	7952650	7804306	1.92	cps
Holmium	165-2	2943026	3071053	3109363	3041147	2.86	cps
Indium	115-1	6839599	6746986	7006806	6864463	1.92	cps
Indium	115-2	913495	911832	949364	924897	2.29	cps
Iron	54-2	3845	3884	3845	3858	0.58	cps
Iron	56-2	62287	58426	61494	60735	3.36	cps
Iron	57-2	1683	1622	1639	1648	1.92	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:21:39	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	409	451	477	446	7.78	cps
Lead	206-1	4695	4501	4201	4466	5.58	cps
Lead	207-1	3934	4034	3740	3903	3.84	cps
Lead	208-1	18200	18589	17867	18218	1.98	cps
Lithium	6-1	4379464	4442972	4493470	4438635	1.29	cps
Magnesium	24-2	67030	65439	63640	65370	2.59	cps
Manganese	55-2	750	890	863	834	8.91	cps
Molybdenum	94-1	11647	12056	11497	11733	2.46	cps
Molybdenum	95-1	14942	13849	13390	14060	5.67	cps
Molybdenum	96-1	15926	15901	15834	15887	0.30	cps
Molybdenum	97-1	8578	8912	8836	8775	1.99	cps
Molybdenum	98-1	22327	22811	21317	22152	3.44	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	733	670	750	718	5.88	cps
Phosphorus	31-2	1275	1317	1250	1281	2.63	cps
Potassium	39-2	57591	57917	57265	57591	0.57	cps
Rhodium	103-1	6842222	6798834	6881742	6840933	0.61	cps
Rhodium	103-2	2686943	2687101	2790682	2721575	2.20	cps
Scandium	45-1	5399027	5294581	5444710	5379439	1.43	cps
Scandium	45-2	154415	158415	157150	156660	1.31	cps
Selenium	82-1	779	640	664	694	10.69	cps
Selenium	77-2	17	13	20	17	20.01	cps
Selenium	78-2	129	107	119	118	9.31	cps
Silicon	28-1	878370	881257	878824	879484	0.18	cps
Silver	107-1	7552	8169	7310	7677	5.77	cps
Silver	109-1	7252	7502	7419	7391	1.72	cps
Sodium	23-2	141155	135647	137229	138010	2.05	cps
Strontium	86-1	2459	2500	2425	2461	1.53	cps
Strontium	88-1	16277	16135	16018	16143	0.80	cps
Sulfur	34-1	373675	368613	367077	369788	0.93	cps
Terbium	159-1	8059664	7985411	8281605	8108893	1.90	cps
Terbium	159-2	3016907	3112767	3185195	3104956	2.72	cps
Thallium	203-1	4751	4876	4601	4743	2.90	cps
Thallium	205-1	12031	11297	11430	11586	3.37	cps
Tin	118-1	21893	22093	22077	22021	0.50	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:21:39	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5193	5118	4659	4990	5.79	cps
Uranium	238-1	14400	13649	14092	14047	2.69	cps
Vanadium	51-2	5381	5331	5294	5335	0.82	cps
Ytterbium	172-1	33	25	58	39	44.62	cps
Ytterbium	172-2	17	17	28	20	31.48	cps
Ytterbium	176-1	1333	1258	1292	1295	2.90	cps
Ytterbium	176-2	6907	7308	7224	7147	2.95	cps
Yttrium	89-1	11138709	11081983	11559127	11259940	2.31	cps
Yttrium	89-2	1099729	1088906	1105902	1098179	0.78	cps
Zinc	66-2	673	690	643	669	3.54	cps
Zirconium	90-1	9595	9270	9512	9459	1.79	cps
Zirconium	91-1	2342	2575	2067	2328	10.93	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:35:08 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	365	361	362	0.87	cps
Antimony	121-1	1333	1325	1108	1256	10.16	cps
Arsenic	75-2	45	36	32	38	17.68	cps
Barium	135-1	1417	1550	1167	1378	14.12	cps
Barium	137-1	2484	2175	2200	2286	7.49	cps
Beryllium	9-1	722	669	676	689	4.22	cps
Bismuth	209-1	5328955	5113730	5193218	5211968	2.09	cps
Bismuth	209-2	2448706	2443086	2285559	2392451	3.87	cps
Boron	10-1	858	752	892	834	8.76	cps
Boron	11-1	3428	3722	3596	3582	4.12	cps
Bromine	81-1	41495	39808	41695	40999	2.53	cps
Cadmium	111-1	744	690	760	731	4.99	cps
Cadmium	106-1	3776	3676	3692	3714	1.44	cps
Cadmium	108-1	54	33	38	42	26.47	cps
Calcium	43-1	695	640	649	661	4.47	cps
Calcium	44-1	16982	16922	16610	16838	1.18	cps
Carbon	12-1	9417510	9426531	9512168	9452070	0.55	cps
Carbon	12-2	105502	104630	102692	104275	1.38	cps
Chlorine	35-1	181824	182177	179410	181137	0.83	cps
Chlorine	35-2	1083	1208	1192	1161	5.85	cps
Chromium	52-2	727	797	767	763	4.60	cps
Cobalt	59-2	683	757	713	718	5.14	cps
Copper	63-2	1657	1543	1680	1627	4.49	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	75	58	75	69	13.86	cps
Gadolinium	160-2	97	60	100	86	25.94	cps
Holmium	165-1	7721108	8103828	7943172	7922703	2.43	cps
Holmium	165-2	3102233	3219380	3090189	3137267	2.27	cps
Indium	115-1	6877203	7159293	7047411	7027969	2.02	cps
Indium	115-2	946875	938042	940086	941668	0.49	cps
Iron	54-2	1339	1383	1278	1333	3.97	cps
Iron	56-2	16977	17678	16476	17044	3.54	cps
Iron	57-2	494	511	528	511	3.26	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:35:08	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	424	396	409	3.38	cps
Lead	206-1	1589	1695	1783	1689	5.76	cps
Lead	207-1	1467	1467	1600	1511	5.09	cps
Lead	208-1	7001	6756	7290	7016	3.81	cps
Lithium	6-1	4574955	4573474	4480971	4543133	1.19	cps
Magnesium	24-2	3876	3551	3150	3526	10.30	cps
Manganese	55-2	413	460	427	433	5.55	cps
Molybdenum	94-1	2842	3334	3084	3087	7.97	cps
Molybdenum	95-1	3426	3859	3717	3667	6.03	cps
Molybdenum	96-1	4034	4209	4259	4167	2.84	cps
Molybdenum	97-1	2375	2484	2175	2345	6.67	cps
Molybdenum	98-1	6026	6277	6010	6104	2.45	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	223	227	200	217	6.71	cps
Phosphorus	31-2	1217	1125	1217	1186	4.46	cps
Potassium	39-2	17469	17344	17419	17411	0.36	cps
Rhodium	103-1	6784542	6968297	7013243	6922027	1.75	cps
Rhodium	103-2	2696762	2626926	2724242	2682643	1.87	cps
Scandium	45-1	5301009	5401329	5310328	5337555	1.04	cps
Scandium	45-2	161984	156149	156491	158208	2.07	cps
Selenium	82-1	324	325	390	346	10.94	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	85	80	79	81	3.95	cps
Silicon	28-1	824624	822223	822096	822981	0.17	cps
Silver	107-1	1884	1867	1825	1859	1.62	cps
Silver	109-1	2109	1834	1967	1970	6.98	cps
Sodium	23-2	24671	24914	23745	24443	2.52	cps
Strontium	86-1	1100	1250	1108	1153	7.31	cps
Strontium	88-1	3792	3826	3892	3837	1.33	cps
Sulfur	34-1	380984	379343	380388	380238	0.22	cps
Terbium	159-1	8271088	8373229	8405504	8349940	0.84	cps
Terbium	159-2	3111106	3223444	3195962	3176838	1.84	cps
Thallium	203-1	1417	1467	1275	1386	7.17	cps
Thallium	205-1	3501	2959	3042	3167	9.21	cps
Tin	118-1	1675	1617	1558	1617	3.61	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:35:08	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1442	1467	1392	1433	2.66	cps
Uranium	238-1	3692	3634	3492	3606	2.85	cps
Vanadium	51-2	277	263	330	290	12.16	cps
Ytterbium	172-1	25	42	58	42	40.00	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1475	1183	1358	1339	10.96	cps
Ytterbium	176-2	7675	7613	7708	7665	0.63	cps
Yttrium	89-1	11844286	11537023	11855174	11745494	1.54	cps
Yttrium	89-2	1096624	1088624	1088839	1091362	0.42	cps
Zinc	66-2	210	280	270	253	14.95	cps
Zirconium	90-1	2975	3134	2567	2892	10.11	cps
Zirconium	91-1	650	533	642	608	10.70	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : N3980-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT3-20 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 15:43:16 DataFile Name : 037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1046	999	1034	1026	2.40	cps
Antimony	121-1	9020	9270	9495	9262	2.57	cps
Arsenic	75-2	153	163	158	158	3.16	cps
Barium	135-1	11255	11630	11130	11338	2.30	cps
Barium	137-1	19581	19890	18931	19467	2.52	cps
Beryllium	9-1	2827	2791	2850	2823	1.05	cps
Bismuth	209-1	4990482	5137692	5009909	5046028	1.58	cps
Bismuth	209-2	2391448	2343763	2365421	2366878	1.01	cps
Boron	10-1	8647	9233	9255	9045	3.81	cps
Boron	11-1	38190	40484	41474	40049	4.21	cps
Bromine	81-1	43181	40782	39146	41036	4.95	cps
Cadmium	111-1	1719	1788	1700	1736	2.69	cps
Cadmium	106-1	3117	3459	3976	3517	12.29	cps
Cadmium	108-1	121	142	188	150	22.73	cps
Calcium	43-1	10016	9927	9702	9882	1.64	cps
Calcium	44-1	168386	167926	163519	166610	1.61	cps
Carbon	12-1	9456554	9430216	9513917	9466896	0.45	cps
Carbon	12-2	104202	103866	104084	104051	0.16	cps
Chlorine	35-1	175076	176298	174754	175376	0.46	cps
Chlorine	35-2	1258	1092	1117	1156	7.78	cps
Chromium	52-2	3050	3084	3040	3058	0.74	cps
Cobalt	59-2	2690	2727	2610	2676	2.23	cps
Copper	63-2	4991	4624	4778	4798	3.84	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	50	58	44	39.03	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	75	33	67	58	37.80	cps
Gadolinium	160-2	137	120	103	120	13.89	cps
Holmium	165-1	7777271	7945957	7883953	7869060	1.08	cps
Holmium	165-2	3153695	3136479	3078589	3122921	1.26	cps
Indium	115-1	6903421	6892670	6803851	6866647	0.80	cps
Indium	115-2	928598	922159	937572	929443	0.83	cps
Iron	54-2	3984	3906	3745	3878	3.14	cps
Iron	56-2	60830	58069	59184	59361	2.34	cps
Iron	57-2	1478	1583	1589	1550	4.04	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:43:16	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	422	411	437	424	3.11	cps
Lead	206-1	4345	4240	4612	4399	4.36	cps
Lead	207-1	3812	3940	3628	3793	4.12	cps
Lead	208-1	17916	17383	17327	17542	1.85	cps
Lithium	6-1	4208292	4555059	4604784	4456045	4.85	cps
Magnesium	24-2	69181	67072	64837	67030	3.24	cps
Manganese	55-2	777	760	843	793	5.56	cps
Molybdenum	94-1	11221	11805	11322	11449	2.73	cps
Molybdenum	95-1	13657	15050	14141	14283	4.95	cps
Molybdenum	96-1	15351	15634	15284	15423	1.21	cps
Molybdenum	97-1	8486	9112	8494	8697	4.12	cps
Molybdenum	98-1	23571	22110	21818	22499	4.17	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	807	703	750	753	6.87	cps
Phosphorus	31-2	1200	983	1308	1164	14.22	cps
Potassium	39-2	58721	57306	57507	57845	1.32	cps
Rhodium	103-1	6787281	7140892	7014766	6980979	2.57	cps
Rhodium	103-2	2673799	2670875	2665590	2670088	0.16	cps
Scandium	45-1	5390705	5444078	5386676	5407153	0.59	cps
Scandium	45-2	158179	157245	157703	157709	0.30	cps
Selenium	82-1	701	676	661	680	2.97	cps
Selenium	77-2	13	27	43	28	54.11	cps
Selenium	78-2	115	124	113	117	4.99	cps
Silicon	28-1	882937	887515	883246	884566	0.29	cps
Silver	107-1	8028	7852	7969	7950	1.12	cps
Silver	109-1	7536	7769	7102	7469	4.53	cps
Sodium	23-2	139061	139413	132671	137048	2.77	cps
Strontium	86-1	2492	2717	2425	2545	6.01	cps
Strontium	88-1	16460	15859	15851	16057	2.18	cps
Sulfur	34-1	390484	385487	384921	386964	0.79	cps
Terbium	159-1	8106373	8124216	8058286	8096291	0.42	cps
Terbium	159-2	3204101	3100121	3083095	3129105	2.09	cps
Thallium	203-1	4843	4884	4618	4782	3.00	cps
Thallium	205-1	11639	11739	10538	11305	5.89	cps
Tin	118-1	22227	22068	21417	21904	1.96	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:43:16	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4809	4442	4943	4731	5.47	cps
Uranium	238-1	14091	13891	12840	13608	4.94	cps
Vanadium	51-2	5541	5448	5314	5434	2.10	cps
Ytterbium	172-1	0	25	58	28	105.36	cps
Ytterbium	172-2	6	11	33	17	88.17	cps
Ytterbium	176-1	1450	1167	1142	1253	13.67	cps
Ytterbium	176-2	7591	7641	7819	7684	1.56	cps
Yttrium	89-1	11294511	11073085	11410347	11259315	1.52	cps
Yttrium	89-2	1103899	1089660	1081330	1091629	1.05	cps
Zinc	66-2	730	713	667	703	4.67	cps
Zirconium	90-1	9762	9629	9887	9759	1.32	cps
Zirconium	91-1	2225	1975	2134	2111	5.99	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	460	424	487	457	7.00	cps
Antimony	121-1	3917	3817	3717	3817	2.62	cps
Arsenic	75-2	63	55	64	61	8.13	cps
Barium	135-1	4768	4309	4351	4476	5.66	cps
Barium	137-1	8478	7936	7836	8083	4.27	cps
Beryllium	9-1	1147	1234	1137	1173	4.51	cps
Bismuth	209-1	4855487	5076185	5064693	4998788	2.49	cps
Bismuth	209-2	2407552	2410449	2428863	2415621	0.48	cps
Boron	10-1	4248	4606	4564	4472	4.38	cps
Boron	11-1	19287	20052	19867	19735	2.02	cps
Bromine	81-1	42138	42720	40280	41713	3.05	cps
Cadmium	111-1	909	1153	925	995	13.70	cps
Cadmium	106-1	3767	3617	3576	3653	2.76	cps
Cadmium	108-1	79	67	71	72	8.81	cps
Calcium	43-1	4203	3938	4140	4093	3.38	cps
Calcium	44-1	72403	72365	71300	72023	0.87	cps
Carbon	12-1	9381963	9418633	9397312	9399303	0.20	cps
Carbon	12-2	104404	102356	103438	103399	0.99	cps
Chlorine	35-1	164856	160921	162041	162606	1.25	cps
Chlorine	35-2	1167	892	1217	1092	16.03	cps
Chromium	52-2	1570	1600	1440	1537	5.53	cps
Cobalt	59-2	1110	1073	1043	1076	3.10	cps
Copper	63-2	2337	2304	2190	2277	3.38	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	92	42	92	75	38.49	cps
Gadolinium	160-2	127	93	107	109	15.41	cps
Holmium	165-1	8133384	8288559	7746684	8056209	3.46	cps
Holmium	165-2	3111912	3226584	3140931	3159809	1.89	cps
Indium	115-1	7112702	7284930	6964683	7120772	2.25	cps
Indium	115-2	954398	952860	939050	948769	0.89	cps
Iron	54-2	5851	5423	5268	5514	5.48	cps
Iron	56-2	91683	95189	91895	92922	2.12	cps
Iron	57-2	2467	2572	2617	2552	3.02	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	477	452	400	443	8.92	cps
Lead	206-1	2339	2234	2267	2280	2.37	cps
Lead	207-1	2261	2128	1778	2056	12.15	cps
Lead	208-1	9440	9296	8551	9096	5.25	cps
Lithium	6-1	4511520	4484090	4422001	4472537	1.03	cps
Magnesium	24-2	27318	27293	27118	27243	0.40	cps
Manganese	55-2	380	360	370	370	2.70	cps
Molybdenum	94-1	4834	5184	4784	4934	4.42	cps
Molybdenum	95-1	5835	5693	6101	5876	3.53	cps
Molybdenum	96-1	6477	6910	6377	6588	4.31	cps
Molybdenum	97-1	3992	3651	3284	3642	9.73	cps
Molybdenum	98-1	8903	9137	8936	8992	1.40	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	370	353	373	366	2.93	cps
Phosphorus	31-2	1175	1167	1233	1192	3.05	cps
Potassium	39-2	34442	34408	32822	33891	2.73	cps
Rhodium	103-1	6998010	7038968	7023289	7020089	0.29	cps
Rhodium	103-2	2720618	2769486	2635852	2708652	2.50	cps
Scandium	45-1	5388950	5379519	5257852	5342107	1.37	cps
Scandium	45-2	159631	159830	160682	160048	0.35	cps
Selenium	82-1	375	404	437	405	7.72	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	77	70	70	72	5.59	cps
Silicon	28-1	853540	844203	850001	849248	0.56	cps
Silver	107-1	3109	3409	3234	3250	4.64	cps
Silver	109-1	2859	3275	2850	2995	8.12	cps
Sodium	23-2	66008	66343	66351	66234	0.30	cps
Strontium	86-1	1525	1483	1292	1433	8.68	cps
Strontium	88-1	6293	6343	6685	6441	3.31	cps
Sulfur	34-1	384720	389378	386368	386822	0.61	cps
Terbium	159-1	8279012	8500972	8369657	8383214	1.33	cps
Terbium	159-2	3230269	3222587	3176400	3209752	0.91	cps
Thallium	203-1	2159	2075	1900	2045	6.45	cps
Thallium	205-1	5226	5110	4834	5057	3.98	cps
Tin	118-1	10637	9403	9871	9970	6.24	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:46:45	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2375	1992	2109	2159	9.10	cps
Uranium	238-1	5685	5510	5460	5551	2.13	cps
Vanadium	51-2	2287	2170	2187	2215	2.85	cps
Ytterbium	172-1	25	42	50	39	32.73	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1425	1200	1283	1303	8.73	cps
Ytterbium	176-2	7630	8319	7875	7941	4.40	cps
Yttrium	89-1	11366187	11872147	11693976	11644104	2.20	cps
Yttrium	89-2	1129723	1103554	1116113	1116463	1.17	cps
Zinc	66-2	303	297	380	327	14.18	cps
Zirconium	90-1	4351	4342	4126	4273	2.99	cps
Zirconium	91-1	1083	1075	833	997	14.24	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2688381	2607701	2613107	2636396	1.71	cps
Antimony	121-1	2518119	2605939	2595141	2573067	1.86	cps
Arsenic	75-2	69910	68899	69587	69465	0.74	cps
Barium	135-1	3282026	3279148	3158068	3239747	2.18	cps
Barium	137-1	5691415	5629436	5688757	5669869	0.62	cps
Beryllium	9-1	1317574	1283131	1295538	1298748	1.34	cps
Bismuth	209-1	4871162	4753718	4819408	4814763	1.22	cps
Bismuth	209-2	2222316	2321771	2331543	2291877	2.64	cps
Boron	10-1	249195	271034	269159	263129	4.60	cps
Boron	11-1	1034855	1093598	1054414	1060956	2.82	cps
Bromine	81-1	41585	43263	40611	41820	3.21	cps
Cadmium	111-1	731228	731039	748036	736768	1.32	cps
Cadmium	106-1	90296	91832	93207	91779	1.59	cps
Cadmium	108-1	61495	62223	62152	61957	0.65	cps
Calcium	43-1	5199792	5235532	5212069	5215798	0.35	cps
Calcium	44-1	82284877	81833143	82242712	82120244	0.30	cps
Carbon	12-1	9159263	9315620	9202505	9225796	0.88	cps
Carbon	12-2	106325	106796	106435	106519	0.23	cps
Chlorine	35-1	188904	187579	188659	188381	0.37	cps
Chlorine	35-2	1300	1250	1150	1233	6.19	cps
Chromium	52-2	741467	750094	737144	742902	0.89	cps
Cobalt	59-2	1321145	1297067	1266940	1295051	2.10	cps
Copper	63-2	10521378	10221336	10099829	10280848	2.11	cps
Dysprosium	156-1	692	550	658	633	11.70	cps
Dysprosium	156-2	233	243	297	258	13.21	cps
Erbium	164-1	92	108	58	86	29.57	cps
Erbium	164-2	27	23	17	22	22.91	cps
Gadolinium	160-1	658	725	600	661	9.46	cps
Gadolinium	160-2	427	400	313	380	15.59	cps
Holmium	165-1	8300840	8301039	7976997	8192959	2.28	cps
Holmium	165-2	3285323	3370902	3351858	3336028	1.35	cps
Indium	115-1	6711610	7026965	7017294	6918623	2.59	cps
Indium	115-2	936477	922855	943708	934347	1.13	cps
Iron	54-2	8326971	8569566	8436815	8444450	1.44	cps
Iron	56-2	155603537	153701970	153046848	154117452	0.86	cps
Iron	57-2	3968279	3744219	3890336	3867611	2.94	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	441	454	431	6.68	cps
Lead	206-1	10693511	10848309	10481363	10674394	1.73	cps
Lead	207-1	9597445	9245468	9003600	9282171	3.22	cps
Lead	208-1	43100582	42429595	42307302	42612493	1.00	cps
Lithium	6-1	4447187	4263350	4386517	4365684	2.15	cps
Magnesium	24-2	34007999	34569922	35142086	34573335	1.64	cps
Manganese	55-2	4116161	4149023	4057816	4107667	1.12	cps
Molybdenum	94-1	11071031	10686202	10586430	10781221	2.37	cps
Molybdenum	95-1	15253971	15715008	15433540	15467506	1.50	cps
Molybdenum	96-1	17173300	17386900	16874762	17144988	1.50	cps
Molybdenum	97-1	9711646	9765410	9701515	9726190	0.35	cps
Molybdenum	98-1	25501434	24514296	24706561	24907430	2.10	cps
Neodymium	150-1	267	373	267	302	20.38	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	374602	365916	364709	368409	1.46	cps
Phosphorus	31-2	34508	34884	35193	34862	0.98	cps
Potassium	39-2	11932348	11479016	11333223	11581529	2.70	cps
Rhodium	103-1	6503758	6597638	6542817	6548071	0.72	cps
Rhodium	103-2	2623005	2566786	2477434	2555742	2.87	cps
Scandium	45-1	5378326	5522673	5328264	5409754	1.87	cps
Scandium	45-2	165609	160924	160516	162349	1.74	cps
Selenium	82-1	70077	69553	69999	69876	0.40	cps
Selenium	77-2	1643	2004	1933	1860	10.26	cps
Selenium	78-2	6609	6452	6477	6513	1.30	cps
Silicon	28-1	13069017	13346488	13067139	13160881	1.22	cps
Silver	107-1	4102181	4062021	4023913	4062705	0.96	cps
Silver	109-1	3873380	3864611	3997548	3911847	1.90	cps
Sodium	23-2	63140547	64039424	64557631	63912534	1.12	cps
Strontium	86-1	25095243	24212964	23841795	24383334	2.64	cps
Strontium	88-1	215189788	214437630	212118646	213915355	0.75	cps
Sulfur	34-1	806734	813586	810275	810198	0.42	cps
Terbium	159-1	8464254	8431833	8653085	8516390	1.40	cps
Terbium	159-2	3336002	3349706	3289267	3324992	0.95	cps
Thallium	203-1	2512982	2562646	2561684	2545771	1.12	cps
Thallium	205-1	5836119	5963968	5919614	5906567	1.10	cps
Tin	118-1	2362392	2381810	2399162	2381121	0.77	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 15:53:52	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5021735	5061977	4983157	5022290	0.78	cps
Uranium	238-1	8417382	8344481	8135710	8299191	1.76	cps
Vanadium	51-2	606904	591822	584665	594464	1.91	cps
Ytterbium	172-1	275	283	292	283	2.94	cps
Ytterbium	172-2	128	111	67	102	31.01	cps
Ytterbium	176-1	11872	11831	11964	11889	0.57	cps
Ytterbium	176-2	12723	12328	12445	12499	1.62	cps
Yttrium	89-1	12154821	11659800	11703614	11839412	2.31	cps
Yttrium	89-2	1146995	1130083	1131391	1136157	0.83	cps
Zinc	66-2	1187669	1179460	1168983	1178704	0.79	cps
Zirconium	90-1	5294125	5249099	5309440	5284221	0.59	cps
Zirconium	91-1	1228601	1206310	1203981	1212964	1.12	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 16:01:24 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	106	96	103	5.97	cps
Antimony	121-1	175	333	283	264	30.67	cps
Arsenic	75-2	6	3	6	5	34.64	cps
Barium	135-1	108	83	33	75	50.92	cps
Barium	137-1	125	58	158	114	44.71	cps
Beryllium	9-1	109	85	99	97	12.23	cps
Bismuth	209-1	5015968	5016535	5086954	5039819	0.81	cps
Bismuth	209-2	2480874	2298866	2373980	2384573	3.84	cps
Boron	10-1	7578	7428	6768	7258	5.94	cps
Boron	11-1	33071	31742	30477	31763	4.08	cps
Bromine	81-1	39456	39045	39909	39470	1.09	cps
Cadmium	111-1	379	403	375	386	3.93	cps
Cadmium	106-1	3784	3751	3501	3678	4.21	cps
Cadmium	108-1	29	38	42	36	17.62	cps
Calcium	43-1	242	224	214	227	6.44	cps
Calcium	44-1	10104	10282	10511	10299	1.98	cps
Carbon	12-1	9346921	9229876	9234269	9270355	0.72	cps
Carbon	12-2	102364	98706	102406	101159	2.10	cps
Chlorine	35-1	137550	137733	137787	137690	0.09	cps
Chlorine	35-2	933	783	950	889	10.33	cps
Chromium	52-2	447	447	417	437	3.97	cps
Cobalt	59-2	93	87	73	84	12.06	cps
Copper	63-2	983	920	900	934	4.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	58	33	50	47	26.96	cps
Gadolinium	160-2	150	70	100	107	37.89	cps
Holmium	165-1	8053996	8063691	8034805	8050831	0.18	cps
Holmium	165-2	3211954	3160566	3086033	3152851	2.01	cps
Indium	115-1	6804074	6816937	7046467	6889159	1.98	cps
Indium	115-2	931896	947779	927098	935591	1.16	cps
Iron	54-2	739	772	678	730	6.56	cps
Iron	56-2	5607	6190	6229	6009	5.80	cps
Iron	57-2	289	267	278	278	4.00	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:01:24	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	411	442	428	3.69	cps
Lead	206-1	1289	1167	1083	1180	8.77	cps
Lead	207-1	1161	1061	1022	1082	6.63	cps
Lead	208-1	4812	4750	4656	4739	1.65	cps
Lithium	6-1	4201479	4291061	4457036	4316525	3.00	cps
Magnesium	24-2	850	892	1017	920	9.43	cps
Manganese	55-2	87	133	133	118	22.88	cps
Molybdenum	94-1	367	492	417	425	14.80	cps
Molybdenum	95-1	400	375	425	400	6.25	cps
Molybdenum	96-1	625	550	625	600	7.22	cps
Molybdenum	97-1	292	167	267	242	27.37	cps
Molybdenum	98-1	725	608	617	650	10.01	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	43	60	61	30.04	cps
Phosphorus	31-2	1375	1333	1092	1267	12.08	cps
Potassium	39-2	16960	17628	17044	17211	2.11	cps
Rhodium	103-1	6779647	6672776	6959191	6803871	2.13	cps
Rhodium	103-2	2735951	2711535	2594703	2680730	2.82	cps
Scandium	45-1	5178514	5179903	5161335	5173251	0.20	cps
Scandium	45-2	153995	150827	153988	152937	1.19	cps
Selenium	82-1	-5	41	-29	3	1423.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	63	57	56	14.53	cps
Silicon	28-1	808185	797449	799952	801862	0.70	cps
Silver	107-1	333	442	325	367	17.75	cps
Silver	109-1	442	383	342	389	12.92	cps
Sodium	23-2	22994	22109	21341	22148	3.73	cps
Strontium	86-1	1275	1158	1108	1181	7.25	cps
Strontium	88-1	4976	3851	3984	4270	14.40	cps
Sulfur	34-1	310530	311854	315514	312633	0.83	cps
Terbium	159-1	8294588	8374661	8810112	8493121	3.27	cps
Terbium	159-2	3167239	3128771	3143552	3146521	0.62	cps
Thallium	203-1	292	467	450	403	23.98	cps
Thallium	205-1	925	1033	767	908	14.76	cps
Tin	118-1	558	608	692	619	10.87	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:01:24	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	167	300	225	30.32	cps
Uranium	238-1	175	192	100	156	31.39	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Ytterbium	172-1	17	42	83	47	71.32	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	1317	1142	1283	1247	7.45	cps
Ytterbium	176-2	7708	7980	7925	7871	1.83	cps
Yttrium	89-1	11254085	10990307	11669997	11304796	3.03	cps
Yttrium	89-2	1097832	1107251	1082625	1095903	1.13	cps
Zinc	66-2	193	147	250	197	26.31	cps
Zirconium	90-1	492	550	517	519	5.63	cps
Zirconium	91-1	142	117	92	117	21.43	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485	461	480	475	2.63	cps
Antimony	121-1	3601	3917	3576	3698	5.15	cps
Arsenic	75-2	50	50	57	52	7.72	cps
Barium	135-1	3851	4651	4709	4404	10.90	cps
Barium	137-1	7811	7361	8419	7864	6.76	cps
Beryllium	9-1	1170	1117	1076	1121	4.19	cps
Bismuth	209-1	4975432	5088537	5116760	5060243	1.48	cps
Bismuth	209-2	2483150	2420325	2464557	2456011	1.31	cps
Boron	10-1	4630	4696	4796	4707	1.78	cps
Boron	11-1	19864	20288	21333	20495	3.69	cps
Bromine	81-1	41635	41786	40973	41465	1.04	cps
Cadmium	111-1	1015	836	906	919	9.83	cps
Cadmium	106-1	3334	3442	3659	3478	4.76	cps
Cadmium	108-1	38	113	50	67	60.27	cps
Calcium	43-1	4034	4023	4031	4029	0.15	cps
Calcium	44-1	71836	71762	71368	71655	0.35	cps
Carbon	12-1	9208410	9219619	9304866	9244298	0.57	cps
Carbon	12-2	102984	99762	102556	101768	1.72	cps
Chlorine	35-1	151883	147706	149552	149714	1.40	cps
Chlorine	35-2	775	900	858	844	7.54	cps
Chromium	52-2	1500	1507	1493	1500	0.44	cps
Cobalt	59-2	1137	1050	1180	1122	5.90	cps
Copper	63-2	2300	2214	2334	2282	2.71	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	120	107	70	99	26.18	cps
Holmium	165-1	8129386	8079229	8095182	8101266	0.32	cps
Holmium	165-2	3164630	3328344	3295945	3262973	2.66	cps
Indium	115-1	6763676	7276139	7041072	7026962	3.65	cps
Indium	115-2	964574	969721	961008	965101	0.45	cps
Iron	54-2	5751	5573	5746	5690	1.78	cps
Iron	56-2	93086	91320	90575	91660	1.41	cps
Iron	57-2	2422	2422	2300	2382	2.96	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	470	452	417	447	5.98	cps
Lead	206-1	2384	2306	2489	2393	3.85	cps
Lead	207-1	1939	1900	1978	1939	2.01	cps
Lead	208-1	9251	9096	9413	9253	1.71	cps
Lithium	6-1	4510529	4551626	4717914	4593356	2.39	cps
Magnesium	24-2	27327	26391	26016	26578	2.54	cps
Manganese	55-2	327	393	363	361	9.25	cps
Molybdenum	94-1	4968	4968	4951	4962	0.19	cps
Molybdenum	95-1	5918	5568	5760	5749	3.05	cps
Molybdenum	96-1	6735	6418	6493	6549	2.53	cps
Molybdenum	97-1	3334	3642	3517	3498	4.43	cps
Molybdenum	98-1	8670	9328	9320	9106	4.15	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	340	310	313	321	5.12	cps
Phosphorus	31-2	1233	1225	1358	1272	5.87	cps
Potassium	39-2	33247	33782	32905	33311	1.33	cps
Rhodium	103-1	6885901	6803523	7088894	6926106	2.12	cps
Rhodium	103-2	2743460	2721651	2655736	2706949	1.69	cps
Scandium	45-1	5236084	5481734	5445496	5387771	2.46	cps
Scandium	45-2	159007	162683	160764	160818	1.14	cps
Selenium	82-1	366	369	447	394	11.72	cps
Selenium	77-2	7	10	20	12	56.76	cps
Selenium	78-2	100	84	85	90	9.99	cps
Silicon	28-1	848317	843427	842452	844732	0.37	cps
Silver	107-1	3467	3084	3584	3378	7.74	cps
Silver	109-1	2725	3109	2900	2912	6.59	cps
Sodium	23-2	68135	67114	66779	67342	1.05	cps
Strontium	86-1	1342	1250	1300	1297	3.54	cps
Strontium	88-1	6910	6402	6702	6671	3.83	cps
Sulfur	34-1	362590	366076	362997	363888	0.52	cps
Terbium	159-1	8324198	8209946	8499757	8344634	1.75	cps
Terbium	159-2	3291931	3257368	3271767	3273689	0.53	cps
Thallium	203-1	2259	2034	1900	2064	8.78	cps
Thallium	205-1	4676	4759	4326	4587	5.01	cps
Tin	118-1	9170	9370	9420	9320	1.42	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:25:54	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1950	2242	2050	2081	7.12	cps
Uranium	238-1	5568	5435	5418	5474	1.50	cps
Vanadium	51-2	2070	2044	2160	2091	2.92	cps
Ytterbium	172-1	42	50	17	36	48.03	cps
Ytterbium	172-2	11	17	17	15	21.67	cps
Ytterbium	176-1	1158	1100	1275	1178	7.57	cps
Ytterbium	176-2	7658	8125	8970	8251	8.06	cps
Yttrium	89-1	11703795	11197013	11828414	11576407	2.89	cps
Yttrium	89-2	1114126	1124347	1102549	1113674	0.98	cps
Zinc	66-2	317	380	340	346	9.27	cps
Zirconium	90-1	4418	4167	4376	4320	3.10	cps
Zirconium	91-1	1033	858	1058	983	11.08	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	46	46	47	4.56	cps
Antimony	121-1	17	25	67	36	74.18	cps
Arsenic	75-2	2	9	2	4	93.26	cps
Barium	135-1	0	8	25	11	114.58	cps
Barium	137-1	58	0	25	28	105.36	cps
Beryllium	9-1	39	50	41	43	13.62	cps
Bismuth	209-1	4904818	4632288	5614014	5050373	10.03	cps
Bismuth	209-2	2497970	2394140	2377627	2423246	2.69	cps
Boron	10-1	1384	1486	1362	1410	4.69	cps
Boron	11-1	6380	6046	5628	6018	6.26	cps
Bromine	81-1	41133	40039	41655	40942	2.01	cps
Cadmium	111-1	337	357	378	357	5.66	cps
Cadmium	106-1	3534	3576	3826	3645	4.33	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	129	116	114	120	6.72	cps
Calcium	44-1	8894	8900	9059	8951	1.05	cps
Carbon	12-1	9502570	9674797	9476898	9551422	1.13	cps
Carbon	12-2	106006	103859	104705	104857	1.03	cps
Chlorine	35-1	139568	137525	134438	137177	1.88	cps
Chlorine	35-2	833	783	1083	900	17.86	cps
Chromium	52-2	430	467	440	446	4.25	cps
Cobalt	59-2	60	63	57	60	5.55	cps
Copper	63-2	620	647	707	658	6.75	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	17	75	33	42	72.11	cps
Gadolinium	160-2	80	107	103	97	15.03	cps
Holmium	165-1	7795196	7381545	8592651	7923131	7.77	cps
Holmium	165-2	3303943	3279560	3200225	3261243	1.66	cps
Indium	115-1	6854740	6505122	7640864	7000242	8.31	cps
Indium	115-2	987792	966279	944140	966070	2.26	cps
Iron	54-2	600	633	661	632	4.85	cps
Iron	56-2	3067	3267	3167	3167	3.16	cps
Iron	57-2	156	167	161	161	3.45	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	455	477	454	462	2.89	cps
Lead	206-1	772	878	856	835	6.66	cps
Lead	207-1	689	606	722	672	8.94	cps
Lead	208-1	3417	3234	3228	3293	3.27	cps
Lithium	6-1	4433759	4085251	4938853	4485954	9.57	cps
Magnesium	24-2	267	233	158	219	25.28	cps
Manganese	55-2	47	53	60	53	12.50	cps
Molybdenum	94-1	100	183	192	158	32.02	cps
Molybdenum	95-1	17	33	33	28	34.63	cps
Molybdenum	96-1	208	150	158	172	18.32	cps
Molybdenum	97-1	17	33	25	25	33.32	cps
Molybdenum	98-1	42	133	75	83	55.68	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	43	63	54	18.71	cps
Phosphorus	31-2	1092	1242	1033	1122	9.58	cps
Potassium	39-2	16401	17010	16076	16496	2.88	cps
Rhodium	103-1	7003418	6532051	7538217	7024562	7.17	cps
Rhodium	103-2	2732100	2732660	2725082	2729947	0.15	cps
Scandium	45-1	5473018	5035303	5818398	5442240	7.21	cps
Scandium	45-2	161760	162248	162172	162060	0.16	cps
Selenium	82-1	14	6	4	8	65.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	45	55	37	46	19.76	cps
Silicon	28-1	830519	832907	831432	831619	0.14	cps
Silver	107-1	142	225	142	169	28.40	cps
Silver	109-1	108	150	125	128	16.41	cps
Sodium	23-2	19438	18687	19297	19141	2.08	cps
Strontium	86-1	667	875	692	744	15.28	cps
Strontium	88-1	317	325	275	306	8.77	cps
Sulfur	34-1	370896	366095	364263	367085	0.93	cps
Terbium	159-1	8349094	7798502	8792125	8313240	5.99	cps
Terbium	159-2	3347151	3113807	3109829	3190262	4.26	cps
Thallium	203-1	208	208	208	208	0.00	cps
Thallium	205-1	483	467	542	497	7.92	cps
Tin	118-1	492	558	542	531	6.54	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BL	Instrumnet Name :	P8
Client Sample ID :	PB149523BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:29:04	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	183	225	186	20.19	cps
Uranium	238-1	17	0	25	14	91.65	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Ytterbium	172-1	67	92	58	72	24.02	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	1225	1308	1167	1233	5.77	cps
Ytterbium	176-2	8186	8531	8514	8410	2.31	cps
Yttrium	89-1	11532121	10743981	12553646	11609916	7.82	cps
Yttrium	89-2	1155405	1160992	1105948	1140782	2.66	cps
Zinc	66-2	150	120	153	141	13.01	cps
Zirconium	90-1	592	333	517	481	27.66	cps
Zirconium	91-1	117	42	150	103	53.98	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : PB149523BS Instrumnet Name : P8
 Client Sample ID : PB149523BS Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 16:32:16 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2332	2259	2191	2261	3.13	cps
Antimony	121-1	20007	19498	18880	19462	2.90	cps
Arsenic	75-2	347	307	286	313	9.89	cps
Barium	135-1	24030	24030	22987	23683	2.54	cps
Barium	137-1	40252	41949	40646	40949	2.17	cps
Beryllium	9-1	5805	5738	5379	5641	4.06	cps
Bismuth	209-1	5208072	4916408	5095534	5073338	2.90	cps
Bismuth	209-2	2524032	2440718	2418662	2461137	2.26	cps
Boron	10-1	18901	20038	20969	19969	5.19	cps
Boron	11-1	84248	87428	89296	86991	2.93	cps
Bromine	81-1	41566	41273	42319	41719	1.29	cps
Cadmium	111-1	3468	3567	3425	3487	2.09	cps
Cadmium	106-1	4092	4017	4026	4045	1.02	cps
Cadmium	108-1	279	313	183	258	25.96	cps
Calcium	43-1	20925	20906	20402	20744	1.43	cps
Calcium	44-1	340171	335848	330032	335351	1.52	cps
Carbon	12-1	9544461	9523052	9512543	9526685	0.17	cps
Carbon	12-2	106543	106922	103019	105495	2.04	cps
Chlorine	35-1	143802	142707	141006	142505	0.99	cps
Chlorine	35-2	875	767	958	867	11.09	cps
Chromium	52-2	6938	6618	6785	6781	2.36	cps
Cobalt	59-2	5564	5428	5344	5446	2.04	cps
Copper	63-2	9236	9043	8903	9061	1.85	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	58	33	42	44	28.64	cps
Gadolinium	160-2	137	103	100	113	17.89	cps
Holmium	165-1	8089466	8174135	8311838	8191813	1.37	cps
Holmium	165-2	3263010	3374412	3178114	3271845	3.01	cps
Indium	115-1	7062700	7136548	6974853	7058034	1.15	cps
Indium	115-2	998489	985791	979786	988022	0.97	cps
Iron	54-2	27972	27527	26954	27484	1.86	cps
Iron	56-2	498675	493222	485749	492549	1.32	cps
Iron	57-2	12500	11766	12533	12267	3.54	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BS	Instrumnet Name :	P8
Client Sample ID :	PB149523BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:32:16	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	441	434	464	446	3.50	cps
Lead	206-1	8764	8820	8269	8618	3.52	cps
Lead	207-1	7741	7452	7541	7578	1.95	cps
Lead	208-1	34964	35275	34013	34751	1.89	cps
Lithium	6-1	4520555	4618807	4513294	4550885	1.29	cps
Magnesium	24-2	144297	139318	133216	138944	3.99	cps
Manganese	55-2	1820	1760	1537	1706	8.75	cps
Molybdenum	94-1	12815	12256	11221	12097	6.68	cps
Molybdenum	95-1	7102	7027	6827	6985	2.04	cps
Molybdenum	96-1	9437	9137	8986	9187	2.50	cps
Molybdenum	97-1	4609	4426	4192	4409	4.74	cps
Molybdenum	98-1	11330	11789	10571	11230	5.48	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1887	1693	1797	1792	5.40	cps
Phosphorus	31-2	1183	1108	1092	1128	4.33	cps
Potassium	39-2	109768	106107	103664	106513	2.88	cps
Rhodium	103-1	6670757	7127387	7131324	6976489	3.80	cps
Rhodium	103-2	2767369	2839550	2756622	2787847	1.62	cps
Scandium	45-1	5432500	5279549	5492456	5401502	2.03	cps
Scandium	45-2	166359	164829	163306	164831	0.93	cps
Selenium	82-1	1447	1455	1445	1449	0.36	cps
Selenium	77-2	43	43	37	41	9.35	cps
Selenium	78-2	185	207	189	194	6.05	cps
Silicon	28-1	913379	911355	902435	909056	0.64	cps
Silver	107-1	16335	16285	15209	15943	3.99	cps
Silver	109-1	15251	15476	15150	15292	1.09	cps
Sodium	23-2	274349	272095	258953	268466	3.10	cps
Strontium	86-1	4643	5001	4743	4795	3.86	cps
Strontium	88-1	36056	35179	33157	34797	4.27	cps
Sulfur	34-1	372690	373838	376822	374450	0.57	cps
Terbium	159-1	8321606	8579431	8433882	8444973	1.53	cps
Terbium	159-2	3220963	3256949	3328264	3268725	1.67	cps
Thallium	203-1	10204	10238	9512	9985	4.10	cps
Thallium	205-1	23172	23029	21552	22584	3.97	cps
Tin	118-1	1242	1317	1158	1239	6.39	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149523BS	Instrumnet Name :	P8
Client Sample ID :	PB149523BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:32:16	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9904	10496	10346	10248	3.00	cps
Uranium	238-1	30738	30103	29360	30067	2.29	cps
Vanadium	51-2	12272	11348	11571	11730	4.11	cps
Ytterbium	172-1	92	33	67	64	45.81	cps
Ytterbium	172-2	11	44	6	20	103.25	cps
Ytterbium	176-1	1567	1258	1400	1408	10.96	cps
Ytterbium	176-2	8603	8625	8887	8705	1.81	cps
Yttrium	89-1	11968379	11531496	11641066	11713647	1.94	cps
Yttrium	89-2	1144160	1140224	1151889	1145424	0.52	cps
Zinc	66-2	2880	2684	2760	2775	3.57	cps
Zirconium	90-1	21158	21559	21192	21303	1.04	cps
Zirconium	91-1	4718	4401	4659	4593	3.67	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	80	80	81	1.79	cps
Antimony	121-1	33	50	67	50	33.34	cps
Arsenic	75-2	1	3	3	2	49.49	cps
Barium	135-1	33	17	42	31	41.66	cps
Barium	137-1	58	33	75	56	37.75	cps
Beryllium	9-1	23	33	35	30	22.05	cps
Bismuth	209-1	5045734	4903997	5073800	5007844	1.82	cps
Bismuth	209-2	2397235	2507865	2456424	2453842	2.26	cps
Boron	10-1	2494	2258	1976	2242	11.56	cps
Boron	11-1	10300	9599	9077	9659	6.35	cps
Bromine	81-1	42006	41064	41194	41421	1.23	cps
Cadmium	111-1	374	378	385	379	1.55	cps
Cadmium	106-1	3676	3892	3742	3770	2.94	cps
Cadmium	108-1	21	33	38	31	28.39	cps
Calcium	43-1	462	437	417	439	5.13	cps
Calcium	44-1	14045	13654	13537	13745	1.94	cps
Carbon	12-1	9490800	9572517	9464673	9509330	0.59	cps
Carbon	12-2	105435	103018	103658	104037	1.20	cps
Chlorine	35-1	132191	131039	129905	131045	0.87	cps
Chlorine	35-2	908	992	650	850	20.96	cps
Chromium	52-2	427	420	417	421	1.21	cps
Cobalt	59-2	93	67	60	73	24.05	cps
Copper	63-2	627	770	647	681	11.40	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	125	25	17	56	108.51	cps
Gadolinium	160-2	133	93	123	117	17.85	cps
Holmium	165-1	7920906	7804511	8035872	7920430	1.46	cps
Holmium	165-2	3246755	3221412	3158590	3208919	1.41	cps
Indium	115-1	6919431	6800435	7033242	6917703	1.68	cps
Indium	115-2	966524	970111	968962	968532	0.19	cps
Iron	54-2	644	561	544	583	9.18	cps
Iron	56-2	3312	3506	3412	3410	2.85	cps
Iron	57-2	217	244	239	233	6.30	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	462	430	414	435	5.70	cps
Lead	206-1	828	694	844	789	10.42	cps
Lead	207-1	644	689	711	682	4.98	cps
Lead	208-1	3228	3017	3206	3150	3.68	cps
Lithium	6-1	4491717	4556509	4537843	4528690	0.74	cps
Magnesium	24-2	300	308	308	306	1.57	cps
Manganese	55-2	43	33	67	48	35.81	cps
Molybdenum	94-1	150	142	167	153	8.33	cps
Molybdenum	95-1	17	8	33	19	65.47	cps
Molybdenum	96-1	233	242	242	239	2.02	cps
Molybdenum	97-1	0	8	17	8	100.02	cps
Molybdenum	98-1	67	58	75	67	12.49	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	50	40	44	11.46	cps
Phosphorus	31-2	1200	1175	1042	1139	7.47	cps
Potassium	39-2	16059	16777	16944	16593	2.83	cps
Rhodium	103-1	7038043	7023067	6951523	7004211	0.66	cps
Rhodium	103-2	2783594	2584482	2763010	2710362	4.04	cps
Scandium	45-1	5375154	5320026	5427545	5374242	1.00	cps
Scandium	45-2	160502	165236	161250	162330	1.57	cps
Selenium	82-1	-20	45	44	23	162.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	52	54	53	1.89	cps
Silicon	28-1	833232	831332	842900	835821	0.74	cps
Silver	107-1	208	192	108	169	31.62	cps
Silver	109-1	92	158	150	133	27.24	cps
Sodium	23-2	18662	18662	18112	18479	1.72	cps
Strontium	86-1	758	800	867	808	6.76	cps
Strontium	88-1	1183	908	983	1025	13.87	cps
Sulfur	34-1	371043	374822	369269	371711	0.76	cps
Terbium	159-1	8173336	8671562	8359375	8401425	3.00	cps
Terbium	159-2	3373356	3214028	3208043	3265142	2.87	cps
Thallium	203-1	200	158	183	181	11.62	cps
Thallium	205-1	442	433	417	431	2.96	cps
Tin	118-1	1770	550	1251	1190	51.44	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BL	Instrumnet Name :	P8
Client Sample ID :	PB149524BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:35:25	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	167	142	139	21.07	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Ytterbium	172-1	25	17	58	33	66.13	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	1308	1092	1367	1256	11.54	cps
Ytterbium	176-2	8392	8403	8609	8468	1.44	cps
Yttrium	89-1	11488224	11487879	11237078	11404394	1.27	cps
Yttrium	89-2	1163281	1130633	1145364	1146426	1.43	cps
Zinc	66-2	153	123	143	140	10.91	cps
Zirconium	90-1	483	450	542	492	9.44	cps
Zirconium	91-1	117	100	92	103	12.39	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2300	2175	2184	2219	3.14	cps
Antimony	121-1	19798	20491	20466	20252	1.94	cps
Arsenic	75-2	314	292	347	318	8.71	cps
Barium	135-1	25299	24331	23513	24381	3.67	cps
Barium	137-1	42953	42251	41757	42320	1.42	cps
Beryllium	9-1	5598	5544	5610	5584	0.63	cps
Bismuth	209-1	5168611	4928799	5438483	5178631	4.92	cps
Bismuth	209-2	2362947	2438079	2481777	2427601	2.48	cps
Boron	10-1	19385	20582	20969	20312	4.07	cps
Boron	11-1	84467	89195	90544	88069	3.62	cps
Bromine	81-1	41857	43744	41494	42365	2.85	cps
Cadmium	111-1	3427	3604	3667	3566	3.49	cps
Cadmium	106-1	4109	3817	4059	3995	3.90	cps
Cadmium	108-1	275	254	217	249	11.89	cps
Calcium	43-1	21055	20802	20779	20879	0.73	cps
Calcium	44-1	349576	343403	345718	346232	0.90	cps
Carbon	12-1	9464135	9597489	9533911	9531845	0.70	cps
Carbon	12-2	104034	104269	102741	103682	0.79	cps
Chlorine	35-1	137760	137170	138256	137729	0.39	cps
Chlorine	35-2	892	933	983	936	4.90	cps
Chromium	52-2	6812	6798	6722	6777	0.72	cps
Cobalt	59-2	5608	5908	5411	5642	4.43	cps
Copper	63-2	9170	9016	8719	8968	2.55	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	17	83	44	78.07	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	42	58	25	42	40.00	cps
Gadolinium	160-2	137	110	147	131	14.46	cps
Holmium	165-1	8230588	8144544	8433153	8269428	1.79	cps
Holmium	165-2	3231017	3254568	3307397	3264327	1.20	cps
Indium	115-1	7325384	7380041	7165959	7290461	1.53	cps
Indium	115-2	984854	976075	983616	981515	0.48	cps
Iron	54-2	28545	27789	27037	27790	2.71	cps
Iron	56-2	505466	487690	484446	492534	2.30	cps
Iron	57-2	12856	12311	12745	12637	2.28	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	450	424	450	441	3.43	cps
Lead	206-1	8864	8809	8536	8736	2.01	cps
Lead	207-1	7741	7791	7636	7723	1.03	cps
Lead	208-1	36260	35203	35136	35533	1.77	cps
Lithium	6-1	4491769	4482640	4483297	4485902	0.11	cps
Magnesium	24-2	141293	137793	137194	138760	1.60	cps
Manganese	55-2	1720	1930	1767	1806	6.11	cps
Molybdenum	94-1	12231	12047	11822	12033	1.70	cps
Molybdenum	95-1	7794	7602	7394	7597	2.63	cps
Molybdenum	96-1	9328	9587	9270	9395	1.80	cps
Molybdenum	97-1	4409	4492	4426	4442	0.99	cps
Molybdenum	98-1	11488	12172	11222	11627	4.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1853	1587	1623	1688	8.56	cps
Phosphorus	31-2	1333	1050	1200	1195	11.87	cps
Potassium	39-2	106081	105939	105604	105875	0.23	cps
Rhodium	103-1	7087833	7007406	7226299	7107180	1.56	cps
Rhodium	103-2	2763815	2795180	2789282	2782759	0.60	cps
Scandium	45-1	5604692	5367210	5656803	5542901	2.78	cps
Scandium	45-2	165675	163092	164501	164422	0.79	cps
Selenium	82-1	1536	1551	1492	1527	2.00	cps
Selenium	77-2	47	20	43	37	39.63	cps
Selenium	78-2	196	163	172	177	9.64	cps
Silicon	28-1	908885	912502	915391	912259	0.36	cps
Silver	107-1	16827	15734	15876	16146	3.68	cps
Silver	109-1	15459	16302	16469	16077	3.37	cps
Sodium	23-2	271261	268951	263174	267795	1.56	cps
Strontium	86-1	4868	4809	4826	4834	0.62	cps
Strontium	88-1	35020	34577	34911	34836	0.66	cps
Sulfur	34-1	373887	370245	371221	371784	0.51	cps
Terbium	159-1	8595315	8490455	8570075	8551948	0.64	cps
Terbium	159-2	3322370	3306767	3263828	3297655	0.92	cps
Thallium	203-1	9170	9887	9904	9654	4.34	cps
Thallium	205-1	23497	24065	24925	24162	2.97	cps
Tin	118-1	1258	1433	1092	1261	13.55	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149524BS	Instrumnet Name :	P8
Client Sample ID :	PB149524BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:38:37	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11021	10254	10396	10557	3.87	cps
Uranium	238-1	30421	31156	29527	30368	2.69	cps
Vanadium	51-2	12068	11395	11318	11594	3.56	cps
Ytterbium	172-1	58	33	58	50	28.87	cps
Ytterbium	172-2	11	6	33	17	88.17	cps
Ytterbium	176-1	1242	1333	1358	1311	4.69	cps
Ytterbium	176-2	8175	8653	8853	8560	4.07	cps
Yttrium	89-1	11799385	11341895	11930829	11690703	2.64	cps
Yttrium	89-2	1139439	1151139	1150748	1147109	0.58	cps
Zinc	66-2	2794	2870	3014	2893	3.86	cps
Zirconium	90-1	21910	20641	21367	21306	2.99	cps
Zirconium	91-1	4934	4784	4768	4829	1.90	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51	41	57	50	16.39	cps
Antimony	121-1	67	33	67	56	34.63	cps
Arsenic	75-2	4	1	7	4	75.00	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	17	17	25	19	24.73	cps
Beryllium	9-1	24	30	28	27	11.62	cps
Bismuth	209-1	5013115	5002287	5726180	5247194	7.91	cps
Bismuth	209-2	2608427	2489947	2483162	2527179	2.79	cps
Boron	10-1	2398	2320	2196	2304	4.42	cps
Boron	11-1	10874	10172	9637	10228	6.06	cps
Bromine	81-1	41445	43755	43884	43028	3.19	cps
Cadmium	111-1	365	428	418	403	8.42	cps
Cadmium	106-1	3809	4326	4167	4101	6.46	cps
Cadmium	108-1	29	13	17	19	44.61	cps
Calcium	43-1	140	142	146	143	2.20	cps
Calcium	44-1	8714	9055	9096	8955	2.34	cps
Carbon	12-1	9413711	9634370	9345578	9464553	1.59	cps
Carbon	12-2	105614	101819	103162	103531	1.86	cps
Chlorine	35-1	130686	128064	129208	129319	1.02	cps
Chlorine	35-2	725	767	750	747	2.81	cps
Chromium	52-2	453	450	530	478	9.47	cps
Cobalt	59-2	63	37	63	54	28.27	cps
Copper	63-2	643	693	700	679	4.56	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	50	0	25	100.00	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	25	50	83	53	55.46	cps
Gadolinium	160-2	90	110	113	104	12.08	cps
Holmium	165-1	7817154	8266980	9017063	8367066	7.24	cps
Holmium	165-2	3481640	3221153	3338060	3346951	3.90	cps
Indium	115-1	7019863	6908071	7891858	7273264	7.41	cps
Indium	115-2	1001821	978141	986897	988953	1.21	cps
Iron	54-2	628	622	678	643	4.76	cps
Iron	56-2	2873	3089	3789	3250	14.74	cps
Iron	57-2	222	183	244	217	14.28	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	432	445	440	439	1.43	cps
Lead	206-1	661	828	900	796	15.39	cps
Lead	207-1	789	878	706	791	10.89	cps
Lead	208-1	3072	3506	3322	3300	6.59	cps
Lithium	6-1	4601373	4487345	4687824	4592181	2.19	cps
Magnesium	24-2	183	183	300	222	30.31	cps
Manganese	55-2	27	40	50	39	30.10	cps
Molybdenum	94-1	133	125	158	139	12.49	cps
Molybdenum	95-1	42	8	8	19	99.00	cps
Molybdenum	96-1	158	142	175	158	10.53	cps
Molybdenum	97-1	25	17	25	22	21.64	cps
Molybdenum	98-1	25	75	58	53	48.24	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	57	50	63	57	11.76	cps
Phosphorus	31-2	1067	1208	1050	1108	7.85	cps
Potassium	39-2	16468	16285	16526	16426	0.77	cps
Rhodium	103-1	6912962	7339143	7938177	7396761	6.96	cps
Rhodium	103-2	2835577	2752404	2807205	2798395	1.51	cps
Scandium	45-1	5415279	5388220	6172522	5658674	7.87	cps
Scandium	45-2	168768	167214	162455	166146	1.98	cps
Selenium	82-1	15	-3	40	18	122.06	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	52	64	55	15.23	cps
Silicon	28-1	829134	832395	827587	829705	0.30	cps
Silver	107-1	175	242	200	206	16.38	cps
Silver	109-1	125	167	167	153	15.75	cps
Sodium	23-2	18771	18320	18696	18596	1.30	cps
Strontium	86-1	650	792	725	722	9.81	cps
Strontium	88-1	83	100	150	111	31.22	cps
Sulfur	34-1	371297	367907	375016	371407	0.96	cps
Terbium	159-1	8375314	8292086	9423733	8697044	7.25	cps
Terbium	159-2	3411532	3276511	3342626	3343556	2.02	cps
Thallium	203-1	142	192	158	164	15.53	cps
Thallium	205-1	417	467	383	422	9.93	cps
Tin	118-1	2103	984	1025	1371	46.31	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BL	Instrumnet Name :	P8
Client Sample ID :	PB149417BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:41:47	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	208	233	217	6.66	cps
Uranium	238-1	50	33	8	31	68.64	cps
Vanadium	51-2	0	0	20	7	173.21	cps
Ytterbium	172-1	67	33	42	47	36.74	cps
Ytterbium	172-2	28	6	6	13	98.94	cps
Ytterbium	176-1	1475	1117	1425	1339	14.50	cps
Ytterbium	176-2	8158	8642	8675	8492	3.41	cps
Yttrium	89-1	11781754	11594571	13312774	12229700	7.71	cps
Yttrium	89-2	1186903	1158309	1154967	1166726	1.50	cps
Zinc	66-2	130	153	160	148	10.66	cps
Zirconium	90-1	442	408	642	497	25.38	cps
Zirconium	91-1	117	92	100	103	12.39	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	532316	518273	517483	522691	1.60	cps
Antimony	121-1	2607024	2643164	2659212	2636467	1.01	cps
Arsenic	75-2	74217	73485	72341	73348	1.29	cps
Barium	135-1	3236122	3226447	3207185	3223251	0.46	cps
Barium	137-1	5609004	5530353	5329439	5489599	2.63	cps
Beryllium	9-1	1407939	1319449	1357378	1361588	3.26	cps
Bismuth	209-1	5164546	5090042	5221812	5158800	1.28	cps
Bismuth	209-2	2410663	2472222	2475889	2452925	1.49	cps
Boron	10-1	246630	259395	259941	255322	2.95	cps
Boron	11-1	969903	1047534	1073407	1030281	5.23	cps
Bromine	81-1	39507	42148	42238	41298	3.76	cps
Cadmium	111-1	768358	754394	747687	756813	1.39	cps
Cadmium	106-1	95129	94559	94424	94704	0.40	cps
Cadmium	108-1	63324	60955	62868	62382	2.01	cps
Calcium	43-1	1244059	1210620	1164513	1206397	3.31	cps
Calcium	44-1	18203099	18058550	17980382	18080677	0.62	cps
Carbon	12-1	9018076	8913160	8976599	8969279	0.59	cps
Carbon	12-2	99611	98983	100719	99771	0.88	cps
Chlorine	35-1	147867	143624	139746	143746	2.83	cps
Chlorine	35-2	883	958	900	914	4.31	cps
Chromium	52-2	746411	742486	736451	741783	0.68	cps
Cobalt	59-2	1351604	1308815	1300745	1320388	2.07	cps
Copper	63-2	10596527	10481865	10307189	10461861	1.39	cps
Dysprosium	156-1	158	208	217	194	16.22	cps
Dysprosium	156-2	50	130	77	86	47.61	cps
Erbium	164-1	100	67	33	67	50.00	cps
Erbium	164-2	23	10	33	22	52.68	cps
Gadolinium	160-1	183	242	217	214	13.68	cps
Gadolinium	160-2	130	193	180	168	19.90	cps
Holmium	165-1	8534951	8489840	8402277	8475689	0.80	cps
Holmium	165-2	3422549	3498874	3405795	3442406	1.44	cps
Indium	115-1	7208740	7185796	6877058	7090531	2.61	cps
Indium	115-2	961994	955125	966914	961344	0.62	cps
Iron	54-2	1827191	1865814	1802202	1831736	1.75	cps
Iron	56-2	32736957	32300752	31792127	32276612	1.47	cps
Iron	57-2	800593	783599	757916	780703	2.75	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	406	411	487	435	10.47	cps
Lead	206-1	10843063	10835412	10863212	10847229	0.13	cps
Lead	207-1	9167583	9586363	9467590	9407179	2.29	cps
Lead	208-1	42660575	44147021	43454401	43420666	1.71	cps
Lithium	6-1	4530154	4590553	4377106	4499271	2.45	cps
Magnesium	24-2	7180138	7315064	7020673	7171958	2.05	cps
Manganese	55-2	4249519	4150302	4181805	4193875	1.21	cps
Molybdenum	94-1	10924090	10561101	10526357	10670516	2.06	cps
Molybdenum	95-1	15446445	15266908	15503782	15405712	0.80	cps
Molybdenum	96-1	17365079	16784268	16672048	16940465	2.20	cps
Molybdenum	97-1	9656683	9211435	9384953	9417690	2.38	cps
Molybdenum	98-1	24975206	24534244	24321917	24610456	1.35	cps
Neodymium	150-1	280	327	353	320	11.60	cps
Neodymium	150-2	7	20	3	10	88.20	cps
Nickel	60-2	368710	370441	365474	368209	0.68	cps
Phosphorus	31-2	34291	34767	34049	34369	1.06	cps
Potassium	39-2	2403055	2466870	2359391	2409772	2.24	cps
Rhodium	103-1	7023546	6950240	6931908	6968565	0.70	cps
Rhodium	103-2	2751371	2717748	2768384	2745834	0.94	cps
Scandium	45-1	5551009	5555711	5579219	5561979	0.27	cps
Scandium	45-2	165345	164499	164215	164686	0.36	cps
Selenium	82-1	70161	71099	70347	70536	0.70	cps
Selenium	77-2	1983	2070	2020	2025	2.15	cps
Selenium	78-2	6639	6459	6436	6512	1.71	cps
Silicon	28-1	13121183	13119157	13266150	13168830	0.64	cps
Silver	107-1	4202969	4103981	4214111	4173687	1.45	cps
Silver	109-1	4050899	4048765	3963368	4021011	1.24	cps
Sodium	23-2	12747039	13115619	12857116	12906591	1.47	cps
Strontium	86-1	24236811	24635131	24878165	24583369	1.32	cps
Strontium	88-1	208532005	209384534	212244888	210053809	0.93	cps
Sulfur	34-1	882958	856870	860720	866849	1.62	cps
Terbium	159-1	8466194	8730493	8860738	8685808	2.31	cps
Terbium	159-2	3412481	3398430	3383630	3398181	0.42	cps
Thallium	203-1	2675238	2559971	2496465	2577225	3.52	cps
Thallium	205-1	6001021	5855393	5958718	5938378	1.26	cps
Tin	118-1	2407132	2405808	2295660	2369533	2.70	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149417BS	Instrumnet Name :	P8
Client Sample ID :	PB149417BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:44:59	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5060258	5006227	5045932	5037472	0.56	cps
Uranium	238-1	8343583	8262843	8436090	8347505	1.04	cps
Vanadium	51-2	591082	591909	587790	590260	0.37	cps
Ytterbium	172-1	125	42	83	83	50.00	cps
Ytterbium	172-2	50	50	33	44	21.66	cps
Ytterbium	176-1	11747	11572	12339	11886	3.38	cps
Ytterbium	176-2	12818	13185	13151	13051	1.55	cps
Yttrium	89-1	12015680	12279540	12502134	12265785	1.99	cps
Yttrium	89-2	1151311	1134430	1150817	1145519	0.84	cps
Zinc	66-2	1308623	1268962	1267854	1281813	1.81	cps
Zirconium	90-1	5364760	5249225	5393188	5335724	1.43	cps
Zirconium	91-1	1214358	1170621	1175047	1186676	2.03	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	64	57	61	5.17	cps
Antimony	121-1	67	217	292	192	59.77	cps
Arsenic	75-2	4	3	5	4	25.00	cps
Barium	135-1	42	33	50	42	20.00	cps
Barium	137-1	142	100	92	111	24.11	cps
Beryllium	9-1	66	56	75	66	14.25	cps
Bismuth	209-1	5080074	5266217	5209225	5185172	1.84	cps
Bismuth	209-2	2500843	2520067	2562494	2527801	1.25	cps
Boron	10-1	4764	4406	4240	4470	5.99	cps
Boron	11-1	20607	20462	18838	19969	4.92	cps
Bromine	81-1	39477	40410	42840	40909	4.24	cps
Cadmium	111-1	377	367	329	358	7.09	cps
Cadmium	106-1	3759	3742	3142	3548	9.91	cps
Cadmium	108-1	17	46	21	28	56.78	cps
Calcium	43-1	157	139	159	152	7.39	cps
Calcium	44-1	9116	8767	9010	8964	2.00	cps
Carbon	12-1	8449856	8464718	8449409	8454661	0.10	cps
Carbon	12-2	96206	94176	94671	95017	1.11	cps
Chlorine	35-1	117702	114315	114837	115618	1.58	cps
Chlorine	35-2	717	767	642	708	8.88	cps
Chromium	52-2	453	427	457	446	3.69	cps
Cobalt	59-2	73	70	73	72	2.66	cps
Copper	63-2	797	703	777	759	6.48	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	13	20	0	11	91.66	cps
Gadolinium	160-1	108	67	67	81	29.86	cps
Gadolinium	160-2	87	110	107	101	12.48	cps
Holmium	165-1	8073531	8515633	8331734	8306966	2.67	cps
Holmium	165-2	3369240	3301689	3357085	3342672	1.08	cps
Indium	115-1	7106424	7212046	7117387	7145285	0.81	cps
Indium	115-2	992441	984765	985537	987581	0.43	cps
Iron	54-2	550	578	617	582	5.76	cps
Iron	56-2	3328	3345	3223	3299	2.01	cps
Iron	57-2	228	278	183	230	20.58	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	446	455	445	449	1.21	cps
Lead	206-1	900	950	1117	989	11.47	cps
Lead	207-1	856	794	806	819	3.98	cps
Lead	208-1	3784	3639	4067	3830	5.68	cps
Lithium	6-1	4362760	4394383	4443577	4400240	0.93	cps
Magnesium	24-2	267	242	292	267	9.38	cps
Manganese	55-2	110	120	107	112	6.18	cps
Molybdenum	94-1	392	250	308	317	22.49	cps
Molybdenum	95-1	217	350	208	258	30.77	cps
Molybdenum	96-1	542	408	392	447	18.38	cps
Molybdenum	97-1	158	100	158	139	24.25	cps
Molybdenum	98-1	475	375	408	419	12.14	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	70	67	68	2.84	cps
Phosphorus	31-2	1058	1192	1058	1103	6.98	cps
Potassium	39-2	15634	15884	15684	15734	0.84	cps
Rhodium	103-1	6968605	7159206	7208362	7112058	1.78	cps
Rhodium	103-2	2821330	2820087	2855898	2832438	0.72	cps
Scandium	45-1	5398045	5417300	5532273	5449206	1.33	cps
Scandium	45-2	168923	163084	162534	164847	2.15	cps
Selenium	82-1	-3	-31	-15	-16	-88.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	42	57	48	49	15.42	cps
Silicon	28-1	799358	799881	793049	797429	0.48	cps
Silver	107-1	492	517	433	481	8.90	cps
Silver	109-1	467	467	275	403	27.47	cps
Sodium	23-2	18496	17444	18037	17992	2.93	cps
Strontium	86-1	833	1025	975	945	10.53	cps
Strontium	88-1	2317	2217	2925	2486	15.42	cps
Sulfur	34-1	331471	333844	334660	333325	0.50	cps
Terbium	159-1	8504199	8776440	8696476	8659039	1.62	cps
Terbium	159-2	3427098	3246565	3425438	3366367	3.08	cps
Thallium	203-1	208	242	283	244	15.37	cps
Thallium	205-1	658	600	508	589	12.84	cps
Tin	118-1	792	567	542	633	21.74	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BL	Instrumnet Name :	P8
Client Sample ID :	PB149497BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:53:56	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	358	292	294	21.24	cps
Uranium	238-1	83	100	117	100	16.66	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Ytterbium	172-1	25	75	92	64	54.31	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	1250	1225	1258	1245	1.39	cps
Ytterbium	176-2	8442	8636	9070	8716	3.69	cps
Yttrium	89-1	12043410	12187584	11862986	12031327	1.35	cps
Yttrium	89-2	1163897	1138122	1158579	1153533	1.18	cps
Zinc	66-2	170	183	133	162	15.96	cps
Zirconium	90-1	633	475	583	564	14.35	cps
Zirconium	91-1	133	83	167	128	32.82	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	528254	528255	506975	521161	2.36	cps
Antimony	121-1	2668208	2709721	2663028	2680319	0.95	cps
Arsenic	75-2	73822	72383	72147	72784	1.25	cps
Barium	135-1	3331602	3252718	3153284	3245868	2.75	cps
Barium	137-1	5671385	5757716	5681777	5703626	0.83	cps
Beryllium	9-1	1312694	1379416	1310426	1334179	2.94	cps
Bismuth	209-1	5121431	4988039	5059298	5056256	1.32	cps
Bismuth	209-2	2430798	2465402	2516205	2470802	1.74	cps
Boron	10-1	245479	253135	260611	253075	2.99	cps
Boron	11-1	1009602	1046512	1067620	1041245	2.82	cps
Bromine	81-1	40320	39939	39567	39942	0.94	cps
Cadmium	111-1	753499	757735	771623	760952	1.25	cps
Cadmium	106-1	95138	93886	93484	94169	0.92	cps
Cadmium	108-1	62043	61181	62102	61775	0.83	cps
Calcium	43-1	1219995	1180833	1149345	1183391	2.99	cps
Calcium	44-1	18564823	17875263	18051867	18163984	1.97	cps
Carbon	12-1	8903057	9308185	9139269	9116837	2.23	cps
Carbon	12-2	101298	102305	102734	102112	0.72	cps
Chlorine	35-1	144189	142766	140922	142626	1.15	cps
Chlorine	35-2	842	1025	958	942	9.85	cps
Chromium	52-2	754026	738103	719877	737336	2.32	cps
Cobalt	59-2	1321144	1317572	1299211	1312642	0.90	cps
Copper	63-2	10461259	10316745	10265957	10347987	0.98	cps
Dysprosium	156-1	225	158	225	203	18.98	cps
Dysprosium	156-2	83	77	67	76	11.10	cps
Erbium	164-1	33	67	75	58	37.80	cps
Erbium	164-2	27	13	37	26	45.82	cps
Gadolinium	160-1	208	192	200	200	4.17	cps
Gadolinium	160-2	180	150	133	154	15.31	cps
Holmium	165-1	8672635	8586429	8454804	8571289	1.28	cps
Holmium	165-2	3504027	3417728	3471536	3464430	1.26	cps
Indium	115-1	6912826	7259072	7034637	7068845	2.48	cps
Indium	115-2	965974	968941	962214	965710	0.35	cps
Iron	54-2	1802633	1828776	1837723	1823044	1.00	cps
Iron	56-2	32691960	32570972	31065392	32109442	2.82	cps
Iron	57-2	785731	774482	760938	773717	1.60	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	440	439	456	445	2.19	cps
Lead	206-1	10636857	10773493	10581177	10663842	0.93	cps
Lead	207-1	9520405	9579133	9223305	9440948	2.02	cps
Lead	208-1	43656870	43578519	42846321	43360570	1.03	cps
Lithium	6-1	4290278	4423566	4353797	4355881	1.53	cps
Magnesium	24-2	7123895	7222599	7113879	7153458	0.84	cps
Manganese	55-2	4206025	4176860	4054578	4145821	1.94	cps
Molybdenum	94-1	10816210	10973729	10688193	10826044	1.32	cps
Molybdenum	95-1	15689811	15783575	15506166	15659851	0.90	cps
Molybdenum	96-1	17125656	16556687	16699622	16793988	1.76	cps
Molybdenum	97-1	9574749	9350461	9427784	9450998	1.21	cps
Molybdenum	98-1	24706090	24427260	24660119	24597823	0.61	cps
Neodymium	150-1	213	293	267	258	15.80	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	368391	361012	355003	361469	1.86	cps
Phosphorus	31-2	35068	34867	33824	34586	1.93	cps
Potassium	39-2	2407185	2360058	2368289	2378511	1.06	cps
Rhodium	103-1	7018411	7041655	7032806	7030957	0.17	cps
Rhodium	103-2	2716365	2763290	2738559	2739405	0.86	cps
Scandium	45-1	5580888	5517452	5371224	5489855	1.96	cps
Scandium	45-2	165330	166640	164283	165418	0.71	cps
Selenium	82-1	72012	70986	71280	71426	0.74	cps
Selenium	77-2	2010	1960	1913	1961	2.47	cps
Selenium	78-2	6624	6564	6355	6515	2.17	cps
Silicon	28-1	13085644	13111957	12996598	13064733	0.46	cps
Silver	107-1	4178955	4117176	4139299	4145144	0.76	cps
Silver	109-1	4032410	3912044	4030868	3991774	1.73	cps
Sodium	23-2	13421256	12667750	12894906	12994637	2.97	cps
Strontium	86-1	24586128	24387843	24212522	24395498	0.77	cps
Strontium	88-1	213308480	215298655	209074251	212560462	1.50	cps
Sulfur	34-1	842025	837264	823304	834198	1.17	cps
Terbium	159-1	8908553	8721535	8752795	8794295	1.14	cps
Terbium	159-2	3372663	3352517	3440840	3388673	1.37	cps
Thallium	203-1	2520181	2525590	2428109	2491294	2.20	cps
Thallium	205-1	6200545	6103887	5873096	6059176	2.78	cps
Tin	118-1	2343201	2396754	2370781	2370245	1.13	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149497BS	Instrumnet Name :	P8
Client Sample ID :	PB149497BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 16:57:06	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4999284	5078200	5024388	5033957	0.80	cps
Uranium	238-1	8089354	8188969	8326822	8201715	1.45	cps
Vanadium	51-2	593621	586247	568299	582723	2.23	cps
Ytterbium	172-1	117	150	58	108	42.83	cps
Ytterbium	172-2	28	17	39	28	39.99	cps
Ytterbium	176-1	11747	11264	11714	11575	2.33	cps
Ytterbium	176-2	12712	13090	12934	12912	1.47	cps
Yttrium	89-1	12027522	12078244	12187896	12097888	0.68	cps
Yttrium	89-2	1164760	1170533	1170203	1168499	0.28	cps
Zinc	66-2	1291381	1252475	1235535	1259797	2.27	cps
Zirconium	90-1	5339752	5190500	5188061	5239438	1.66	cps
Zirconium	91-1	1182076	1170414	1171799	1174763	0.54	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2662411	2624216	2673762	2653463	0.98	cps
Antimony	121-1	2605519	2594914	2585971	2595468	0.38	cps
Arsenic	75-2	70957	69467	70306	70243	1.06	cps
Barium	135-1	3291277	3313911	3344243	3316477	0.80	cps
Barium	137-1	5690243	5768387	5765763	5741465	0.77	cps
Beryllium	9-1	1324092	1258763	1275395	1286083	2.64	cps
Bismuth	209-1	4974827	4885879	4751607	4870771	2.31	cps
Bismuth	209-2	2257585	2289888	2303295	2283589	1.03	cps
Boron	10-1	260227	262099	269102	263809	1.77	cps
Boron	11-1	1041136	1111362	1080099	1077532	3.27	cps
Bromine	81-1	39838	38744	39125	39236	1.42	cps
Cadmium	111-1	747736	751696	758403	752612	0.72	cps
Cadmium	106-1	93292	93897	91646	92945	1.25	cps
Cadmium	108-1	62801	61018	62005	61941	1.44	cps
Calcium	43-1	5215770	5166384	5109512	5163888	1.03	cps
Calcium	44-1	84346859	80214621	84185040	82915507	2.82	cps
Carbon	12-1	8859946	9124700	9165900	9050182	1.83	cps
Carbon	12-2	104697	108088	105855	106213	1.62	cps
Chlorine	35-1	161063	160785	160845	160898	0.09	cps
Chlorine	35-2	1092	975	1017	1028	5.75	cps
Chromium	52-2	749365	758943	738584	748964	1.36	cps
Cobalt	59-2	1335145	1299227	1244155	1292842	3.54	cps
Copper	63-2	10591645	10531195	10033611	10385484	2.95	cps
Dysprosium	156-1	700	533	567	600	14.70	cps
Dysprosium	156-2	240	213	300	251	17.68	cps
Erbium	164-1	67	75	67	69	6.93	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	733	708	633	692	7.52	cps
Gadolinium	160-2	300	367	353	340	10.38	cps
Holmium	165-1	8647023	8168275	8557977	8457758	3.01	cps
Holmium	165-2	3295797	3433429	3305679	3344968	2.30	cps
Indium	115-1	6879592	7012166	7111324	7001027	1.66	cps
Indium	115-2	939959	950753	945427	945380	0.57	cps
Iron	54-2	8759496	8686069	8202287	8549284	3.54	cps
Iron	56-2	157412342	157733592	154331281	156492405	1.20	cps
Iron	57-2	3870651	3881233	3822877	3858254	0.81	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	490	446	466	467	4.69	cps
Lead	206-1	10913130	10766459	10412746	10697445	2.40	cps
Lead	207-1	9521505	9122884	9295846	9313412	2.15	cps
Lead	208-1	43231133	42870667	42503209	42868336	0.85	cps
Lithium	6-1	4358795	4340839	4472321	4390652	1.62	cps
Magnesium	24-2	34830587	35243176	34990504	35021422	0.59	cps
Manganese	55-2	4243484	4286156	4074042	4201227	2.67	cps
Molybdenum	94-1	11153184	11110029	10985485	11082899	0.79	cps
Molybdenum	95-1	15829989	15829071	15791228	15816763	0.14	cps
Molybdenum	96-1	17249993	17734769	17155561	17380108	1.79	cps
Molybdenum	97-1	9665278	10020845	9737096	9807739	1.92	cps
Molybdenum	98-1	25158732	25955440	24884792	25332988	2.20	cps
Neodymium	150-1	293	240	247	260	11.18	cps
Neodymium	150-2	27	7	13	16	65.47	cps
Nickel	60-2	370737	369351	358865	366318	1.77	cps
Phosphorus	31-2	34216	34375	33632	34074	1.15	cps
Potassium	39-2	11685943	11605639	11501537	11597706	0.80	cps
Rhodium	103-1	6628566	6874708	6778398	6760557	1.83	cps
Rhodium	103-2	2612714	2624651	2598361	2611909	0.50	cps
Scandium	45-1	5304742	5409834	5381020	5365199	1.01	cps
Scandium	45-2	162756	165753	162127	163545	1.18	cps
Selenium	82-1	68718	70371	69154	69414	1.23	cps
Selenium	77-2	1887	1967	1787	1880	4.80	cps
Selenium	78-2	6635	6434	6278	6449	2.78	cps
Silicon	28-1	13539777	12967419	12965042	13157413	2.52	cps
Silver	107-1	4097663	4078096	4045154	4073637	0.65	cps
Silver	109-1	3906377	3999700	3982700	3962926	1.25	cps
Sodium	23-2	64431487	65052108	63326706	64270100	1.36	cps
Strontium	86-1	25093771	24574073	25383503	25017116	1.64	cps
Strontium	88-1	219661497	215179205	214365580	216402094	1.32	cps
Sulfur	34-1	807221	803503	806773	805832	0.25	cps
Terbium	159-1	8601915	8794790	8735171	8710625	1.13	cps
Terbium	159-2	3379926	3326184	3385747	3363952	0.98	cps
Thallium	203-1	2480741	2596410	2534128	2537093	2.28	cps
Thallium	205-1	5850009	5938716	5783201	5857309	1.33	cps
Tin	118-1	2380622	2403218	2379014	2387618	0.57	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:00:04	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5077650	5014668	5039745	5044021	0.63	cps
Uranium	238-1	8384122	8343041	8438279	8388480	0.57	cps
Vanadium	51-2	602890	593163	589417	595157	1.17	cps
Ytterbium	172-1	292	267	292	283	5.09	cps
Ytterbium	172-2	161	156	100	139	24.33	cps
Ytterbium	176-1	12731	12298	12331	12453	1.94	cps
Ytterbium	176-2	12362	12784	13196	12780	3.26	cps
Yttrium	89-1	11942919	11879104	11870256	11897426	0.33	cps
Yttrium	89-2	1152146	1152087	1161210	1155148	0.45	cps
Zinc	66-2	1212058	1186577	1165710	1188115	1.95	cps
Zirconium	90-1	5388627	5323772	5329759	5347386	0.67	cps
Zirconium	91-1	1208769	1218940	1205659	1211123	0.57	cps

LB Number : LB123283 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired : 2022-12-14 17:05:55 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74	60	77	70	13.09	cps
Antimony	121-1	258	375	700	444	51.50	cps
Arsenic	75-2	5	11	3	6	65.74	cps
Barium	135-1	17	42	8	22	78.07	cps
Barium	137-1	117	133	50	100	44.10	cps
Beryllium	9-1	85	104	74	87	17.32	cps
Bismuth	209-1	5060295	5113515	5178364	5117391	1.16	cps
Bismuth	209-2	2455369	2414644	2390849	2420287	1.35	cps
Boron	10-1	11516	10902	10824	11081	3.42	cps
Boron	11-1	50541	47469	45230	47747	5.58	cps
Bromine	81-1	37791	36415	38122	37443	2.42	cps
Cadmium	111-1	357	360	379	365	3.26	cps
Cadmium	106-1	3334	3417	3459	3403	1.87	cps
Cadmium	108-1	8	33	13	18	74.19	cps
Calcium	43-1	165	205	149	173	16.74	cps
Calcium	44-1	9635	9843	9441	9640	2.09	cps
Carbon	12-1	9232276	9007550	9235644	9158490	1.43	cps
Carbon	12-2	102986	102315	100485	101929	1.27	cps
Chlorine	35-1	127366	126282	123255	125634	1.70	cps
Chlorine	35-2	783	800	867	817	5.40	cps
Chromium	52-2	433	440	457	443	2.71	cps
Cobalt	59-2	43	47	100	63	50.21	cps
Copper	63-2	877	850	727	818	9.79	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	13	13	0	9	86.60	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	77	80	137	98	34.49	cps
Holmium	165-1	8097877	7940386	7975043	8004436	1.03	cps
Holmium	165-2	3324816	3325628	3189881	3280108	2.38	cps
Indium	115-1	6768534	6941488	7167307	6959110	2.87	cps
Indium	115-2	955700	947452	933684	945612	1.18	cps
Iron	54-2	572	606	561	580	3.99	cps
Iron	56-2	4045	3706	4028	3927	4.87	cps
Iron	57-2	183	222	206	204	9.58	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:05:55	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	444	436	420	433	2.80	cps
Lead	206-1	1056	1061	1189	1102	6.85	cps
Lead	207-1	1017	1033	806	952	13.34	cps
Lead	208-1	4423	4473	4267	4387	2.44	cps
Lithium	6-1	4326869	4289298	4330614	4315593	0.53	cps
Magnesium	24-2	350	483	275	369	28.56	cps
Manganese	55-2	53	70	47	57	21.21	cps
Molybdenum	94-1	375	283	400	353	17.41	cps
Molybdenum	95-1	358	358	375	364	2.64	cps
Molybdenum	96-1	542	658	467	556	17.39	cps
Molybdenum	97-1	217	292	200	236	20.68	cps
Molybdenum	98-1	525	583	525	544	6.19	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	50	33	53	40.99	cps
Phosphorus	31-2	892	1150	992	1011	12.88	cps
Potassium	39-2	17770	16635	17436	17280	3.37	cps
Rhodium	103-1	6768436	7111127	6830943	6903502	2.64	cps
Rhodium	103-2	2658554	2717433	2687818	2687935	1.10	cps
Scandium	45-1	5155833	5262146	5223719	5213900	1.03	cps
Scandium	45-2	153428	155191	149827	152815	1.79	cps
Selenium	82-1	3	26	14	14	83.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	40	47	44	8.04	cps
Silicon	28-1	814885	802568	808955	808802	0.76	cps
Silver	107-1	1117	875	817	936	16.99	cps
Silver	109-1	1225	1008	808	1014	20.55	cps
Sodium	23-2	21892	21650	21041	21527	2.04	cps
Strontium	86-1	883	1175	950	1003	15.24	cps
Strontium	88-1	2225	3276	2200	2567	23.91	cps
Sulfur	34-1	301803	303973	301269	302348	0.47	cps
Terbium	159-1	8339502	8507572	8343927	8397000	1.14	cps
Terbium	159-2	3201345	3240270	3070686	3170767	2.80	cps
Thallium	203-1	375	375	425	392	7.37	cps
Thallium	205-1	992	908	983	961	4.78	cps
Tin	118-1	1944	567	675	1062	72.13	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:05:55	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	217	283	247	13.62	cps
Uranium	238-1	50	92	58	67	33.07	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Ytterbium	172-1	42	67	17	42	60.00	cps
Ytterbium	172-2	11	39	11	20	78.74	cps
Ytterbium	176-1	1192	1142	1292	1208	6.32	cps
Ytterbium	176-2	8575	7991	8225	8264	3.56	cps
Yttrium	89-1	11442436	11480461	11528734	11483877	0.38	cps
Yttrium	89-2	1102860	1120780	1094706	1106116	1.21	cps
Zinc	66-2	157	190	147	164	13.80	cps
Zirconium	90-1	567	425	558	517	15.39	cps
Zirconium	91-1	83	108	133	108	23.08	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59	105	60	75	35.33	cps
Antimony	121-1	67	167	342	192	72.62	cps
Arsenic	75-2	4	5	4	4	13.32	cps
Barium	135-1	33	58	25	39	44.61	cps
Barium	137-1	50	50	17	39	49.48	cps
Beryllium	9-1	86	84	94	88	5.92	cps
Bismuth	209-1	5144884	5135972	5116056	5132304	0.29	cps
Bismuth	209-2	2470822	2631376	2450037	2517412	3.94	cps
Boron	10-1	7741	7298	7402	7480	3.09	cps
Boron	11-1	33415	31892	31862	32390	2.74	cps
Bromine	81-1	41545	39878	40952	40792	2.07	cps
Cadmium	111-1	362	355	390	369	5.00	cps
Cadmium	106-1	3401	3467	3776	3548	5.64	cps
Cadmium	108-1	17	29	42	29	42.85	cps
Calcium	43-1	156	156	184	165	9.60	cps
Calcium	44-1	9423	9276	9241	9313	1.04	cps
Carbon	12-1	8644103	8649813	8417441	8570452	1.55	cps
Carbon	12-2	95678	95954	96490	96041	0.43	cps
Chlorine	35-1	112065	108153	108976	109731	1.88	cps
Chlorine	35-2	825	783	783	797	3.02	cps
Chromium	52-2	480	520	523	508	4.75	cps
Cobalt	59-2	97	100	63	87	23.40	cps
Copper	63-2	790	1107	770	889	21.25	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	3	10	23	12	83.33	cps
Gadolinium	160-1	67	92	58	72	24.02	cps
Gadolinium	160-2	90	90	87	89	2.16	cps
Holmium	165-1	8367548	8080187	8321605	8256447	1.87	cps
Holmium	165-2	3300599	3295335	3213321	3269752	1.50	cps
Indium	115-1	7106034	6855029	6969126	6976730	1.80	cps
Indium	115-2	944846	969028	946811	953562	1.41	cps
Iron	54-2	628	867	656	717	18.23	cps
Iron	56-2	3612	6460	3562	4544	36.51	cps
Iron	57-2	167	261	172	200	26.50	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	471	432	436	447	4.79	cps
Lead	206-1	1061	956	956	991	6.15	cps
Lead	207-1	1022	917	950	963	5.60	cps
Lead	208-1	4256	3884	4011	4050	4.67	cps
Lithium	6-1	4372932	4485906	4488629	4449156	1.48	cps
Magnesium	24-2	275	1092	358	575	78.16	cps
Manganese	55-2	57	177	57	97	71.67	cps
Molybdenum	94-1	342	258	267	289	15.89	cps
Molybdenum	95-1	208	158	183	183	13.64	cps
Molybdenum	96-1	300	375	408	361	15.37	cps
Molybdenum	97-1	100	83	75	86	14.78	cps
Molybdenum	98-1	292	300	325	306	5.68	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	63	57	77	37.90	cps
Phosphorus	31-2	1200	1158	1117	1158	3.60	cps
Potassium	39-2	16560	16785	16827	16724	0.86	cps
Rhodium	103-1	7155611	6809155	6746408	6903725	3.19	cps
Rhodium	103-2	2713792	2770782	2683547	2722707	1.63	cps
Scandium	45-1	5549872	5388459	5342425	5426919	2.01	cps
Scandium	45-2	160092	160332	159706	160043	0.20	cps
Selenium	82-1	-18	-26	43	0	-9053.25	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	59	58	52	21.68	cps
Silicon	28-1	793897	786565	791605	790689	0.47	cps
Silver	107-1	617	492	583	564	11.48	cps
Silver	109-1	592	508	475	525	11.45	cps
Sodium	23-2	20373	20348	19772	20165	1.69	cps
Strontium	86-1	1050	858	908	939	10.59	cps
Strontium	88-1	2175	2175	1750	2034	12.07	cps
Sulfur	34-1	312952	312744	318383	314693	1.02	cps
Terbium	159-1	8451126	8442767	8683457	8525783	1.60	cps
Terbium	159-2	3261255	3250817	3358429	3290167	1.80	cps
Thallium	203-1	350	392	367	369	5.68	cps
Thallium	205-1	783	717	775	758	4.79	cps
Tin	118-1	592	442	558	531	14.85	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BL	Instrumnet Name :	P8
Client Sample ID :	PB149509BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:09:04	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	225	158	200	18.16	cps
Uranium	238-1	125	83	92	100	22.04	cps
Vanadium	51-2	10	13	20	14	35.26	cps
Ytterbium	172-1	58	67	50	58	14.29	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1350	1383	1242	1325	5.59	cps
Ytterbium	176-2	8091	8931	8581	8534	4.94	cps
Yttrium	89-1	12104806	11330612	11496135	11643851	3.50	cps
Yttrium	89-2	1113234	1115086	1121338	1116553	0.38	cps
Zinc	66-2	177	233	163	191	19.45	cps
Zirconium	90-1	617	475	542	544	13.02	cps
Zirconium	91-1	83	58	133	92	41.66	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531932	520809	512320	521687	1.89	cps
Antimony	121-1	2597451	2602614	2576240	2592102	0.54	cps
Arsenic	75-2	74434	72986	71801	73074	1.80	cps
Barium	135-1	3212446	3106391	3062730	3127189	2.46	cps
Barium	137-1	5569013	5457755	5278516	5435095	2.70	cps
Beryllium	9-1	1334039	1364145	1323231	1340472	1.58	cps
Bismuth	209-1	4947034	5177367	5013466	5045956	2.35	cps
Bismuth	209-2	2429784	2418331	2380663	2409592	1.07	cps
Boron	10-1	241471	249923	247759	246385	1.78	cps
Boron	11-1	1017621	1055061	1060229	1044304	2.23	cps
Bromine	81-1	37861	40983	38544	39129	4.19	cps
Cadmium	111-1	753288	752970	740965	749074	0.94	cps
Cadmium	106-1	91564	92218	91210	91664	0.56	cps
Cadmium	108-1	61784	61516	61884	61728	0.31	cps
Calcium	43-1	1239342	1145240	1227467	1204016	4.26	cps
Calcium	44-1	18423970	18159424	17566959	18050118	2.43	cps
Carbon	12-1	8881469	8913380	8813100	8869316	0.58	cps
Carbon	12-2	99603	100551	99545	99900	0.57	cps
Chlorine	35-1	139056	138761	136456	138091	1.03	cps
Chlorine	35-2	942	992	892	942	5.31	cps
Chromium	52-2	748522	738800	732562	739961	1.09	cps
Cobalt	59-2	1332890	1302530	1292687	1309369	1.60	cps
Copper	63-2	10507616	10719424	10224916	10483985	2.37	cps
Dysprosium	156-1	225	217	258	233	9.45	cps
Dysprosium	156-2	103	73	50	76	35.38	cps
Erbium	164-1	58	67	25	50	44.10	cps
Erbium	164-2	13	17	33	21	50.75	cps
Gadolinium	160-1	225	183	200	203	10.34	cps
Gadolinium	160-2	147	200	173	173	15.38	cps
Holmium	165-1	8315835	8174099	7916692	8135542	2.49	cps
Holmium	165-2	3399552	3308431	3440448	3382810	2.00	cps
Indium	115-1	6927681	6814242	6988570	6910164	1.28	cps
Indium	115-2	985760	972385	963257	973801	1.16	cps
Iron	54-2	1876471	1823188	1757412	1819024	3.28	cps
Iron	56-2	32712946	32615164	31696003	32341371	1.73	cps
Iron	57-2	795480	779265	767225	780657	1.82	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	449	486	434	456	5.93	cps
Lead	206-1	10345422	10633479	10342799	10440567	1.60	cps
Lead	207-1	9430455	9243445	9494331	9389411	1.39	cps
Lead	208-1	42597286	42914900	43220782	42910989	0.73	cps
Lithium	6-1	4318845	4405015	4244590	4322817	1.86	cps
Magnesium	24-2	7186338	7038797	6912719	7045952	1.94	cps
Manganese	55-2	4227321	4024450	4001984	4084585	3.04	cps
Molybdenum	94-1	10435554	10605435	10489350	10510113	0.83	cps
Molybdenum	95-1	15288883	15359576	15035705	15228055	1.12	cps
Molybdenum	96-1	17004121	16654844	16658684	16772550	1.20	cps
Molybdenum	97-1	9325172	9378823	9485021	9396338	0.87	cps
Molybdenum	98-1	23925675	24287447	23542152	23918425	1.56	cps
Neodymium	150-1	393	253	233	293	29.72	cps
Neodymium	150-2	17	0	10	9	94.38	cps
Nickel	60-2	375807	364892	352346	364349	3.22	cps
Phosphorus	31-2	34066	34291	33924	34093	0.54	cps
Potassium	39-2	2404318	2405652	2381770	2397247	0.56	cps
Rhodium	103-1	6958301	6787178	6901340	6882273	1.27	cps
Rhodium	103-2	2703116	2792975	2695012	2730368	1.99	cps
Scandium	45-1	5375028	5480274	5575162	5476821	1.83	cps
Scandium	45-2	163974	160434	164392	162933	1.33	cps
Selenium	82-1	70444	70362	70441	70416	0.07	cps
Selenium	77-2	1883	1923	1917	1908	1.12	cps
Selenium	78-2	6588	6489	6450	6509	1.09	cps
Silicon	28-1	13095310	12941855	12906624	12981263	0.77	cps
Silver	107-1	4277475	4116240	4052084	4148600	2.80	cps
Silver	109-1	3891421	3924471	3849763	3888552	0.96	cps
Sodium	23-2	13352249	12919667	12789060	13020326	2.26	cps
Strontium	86-1	24832761	24790530	23721398	24448230	2.58	cps
Strontium	88-1	211726067	215837163	208248759	211937330	1.79	cps
Sulfur	34-1	807620	803288	797057	802655	0.66	cps
Terbium	159-1	8706631	8705125	8524290	8645349	1.21	cps
Terbium	159-2	3482300	3332918	3421551	3412256	2.20	cps
Thallium	203-1	2492847	2565765	2487840	2515484	1.73	cps
Thallium	205-1	5979832	6022135	5711565	5904511	2.85	cps
Tin	118-1	2367845	2315533	2303945	2329107	1.46	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	PB149509BS	Instrumnet Name :	P8
Client Sample ID :	PB149509BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:12:17	DataFile Name :	056LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5025901	4950711	5001387	4992666	0.77	cps
Uranium	238-1	8028799	7975821	7861726	7955449	1.07	cps
Vanadium	51-2	592227	588947	579062	586745	1.17	cps
Ytterbium	172-1	92	100	150	114	27.70	cps
Ytterbium	172-2	39	50	33	41	20.83	cps
Ytterbium	176-1	10871	11555	11339	11255	3.11	cps
Ytterbium	176-2	12573	13135	12745	12817	2.25	cps
Yttrium	89-1	12104034	11641510	11644290	11796611	2.26	cps
Yttrium	89-2	1155907	1179905	1158277	1164696	1.14	cps
Zinc	66-2	1287788	1267561	1249989	1268446	1.49	cps
Zirconium	90-1	5257746	5050639	5075235	5127873	2.21	cps
Zirconium	91-1	1170707	1169603	1164958	1168422	0.26	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2577912	2665303	2545473	2596229	2.39	cps
Antimony	121-1	2628603	2511031	2592761	2577465	2.34	cps
Arsenic	75-2	71598	71406	70391	71132	0.91	cps
Barium	135-1	3298569	3298781	3234727	3277359	1.13	cps
Barium	137-1	5645373	5663111	5664370	5657618	0.19	cps
Beryllium	9-1	1278161	1239342	1264333	1260612	1.56	cps
Bismuth	209-1	4653044	4767575	4750415	4723678	1.31	cps
Bismuth	209-2	2295289	2316142	2250538	2287323	1.47	cps
Boron	10-1	252848	258566	263789	258401	2.12	cps
Boron	11-1	1013966	1121668	1105743	1080459	5.38	cps
Bromine	81-1	40079	42167	40531	40926	2.68	cps
Cadmium	111-1	750906	746065	747743	748238	0.33	cps
Cadmium	106-1	93535	92518	93022	93025	0.55	cps
Cadmium	108-1	63178	61721	63404	62767	1.46	cps
Calcium	43-1	5294863	5163507	5159987	5206119	1.48	cps
Calcium	44-1	82815913	82663335	81420438	82299895	0.93	cps
Carbon	12-1	8965065	9285206	9142018	9130763	1.76	cps
Carbon	12-2	104050	103967	102724	103580	0.72	cps
Chlorine	35-1	160611	159262	157575	159149	0.96	cps
Chlorine	35-2	975	983	1167	1042	10.40	cps
Chromium	52-2	757493	755876	748029	753800	0.67	cps
Cobalt	59-2	1295808	1304578	1288886	1296424	0.61	cps
Copper	63-2	10639567	10827257	10172702	10546509	3.20	cps
Dysprosium	156-1	675	625	633	644	4.16	cps
Dysprosium	156-2	313	233	293	280	14.87	cps
Erbium	164-1	108	117	50	92	39.63	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	642	608	608	619	3.11	cps
Gadolinium	160-2	397	323	330	350	11.59	cps
Holmium	165-1	8426243	8233427	8585778	8415149	2.10	cps
Holmium	165-2	3566775	3412703	3319588	3433022	3.64	cps
Indium	115-1	6892881	6804437	7065711	6921010	1.92	cps
Indium	115-2	959519	967766	975915	967733	0.85	cps
Iron	54-2	8815731	8583813	8353799	8584448	2.69	cps
Iron	56-2	159293587	154424592	153756009	155824729	1.94	cps
Iron	57-2	3990613	3900105	3899406	3930041	1.33	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	469	434	452	452	3.88	cps
Lead	206-1	10368453	10549442	10539844	10485913	0.97	cps
Lead	207-1	9388035	9322548	8945088	9218557	2.59	cps
Lead	208-1	42120008	42770308	41760019	42216778	1.21	cps
Lithium	6-1	4297258	4190170	4157575	4215001	1.73	cps
Magnesium	24-2	35426512	33951970	34114735	34497739	2.34	cps
Manganese	55-2	4229723	4214682	3995838	4146748	3.16	cps
Molybdenum	94-1	11113087	10874228	10945564	10977626	1.12	cps
Molybdenum	95-1	16085278	15899572	15342160	15775670	2.45	cps
Molybdenum	96-1	17194977	17064629	17191736	17150447	0.43	cps
Molybdenum	97-1	9581312	9729012	9589170	9633165	0.86	cps
Molybdenum	98-1	25169047	24752321	25145315	25022228	0.94	cps
Neodymium	150-1	353	213	293	287	24.50	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	369491	373067	365930	369496	0.97	cps
Phosphorus	31-2	34959	33915	33565	34146	2.12	cps
Potassium	39-2	11815957	11863523	11532884	11737455	1.52	cps
Rhodium	103-1	6595516	6504717	6700196	6600143	1.48	cps
Rhodium	103-2	2701575	2692999	2676669	2690415	0.47	cps
Scandium	45-1	5613393	5516512	5436022	5521976	1.61	cps
Scandium	45-2	165129	168069	165750	166316	0.93	cps
Selenium	82-1	70474	70054	70385	70304	0.31	cps
Selenium	77-2	1980	2027	1810	1939	5.88	cps
Selenium	78-2	6777	6523	6497	6599	2.35	cps
Silicon	28-1	13143712	13172342	13042084	13119379	0.52	cps
Silver	107-1	4203563	4107275	4118184	4143007	1.27	cps
Silver	109-1	4009994	3967259	3988062	3988438	0.54	cps
Sodium	23-2	64493641	62644458	62723589	63287229	1.65	cps
Strontium	86-1	24813200	24903976	25200429	24972535	0.81	cps
Strontium	88-1	217137713	213788892	223843063	218256556	2.35	cps
Sulfur	34-1	795042	783704	793912	790886	0.79	cps
Terbium	159-1	8807592	8453429	8774409	8678477	2.25	cps
Terbium	159-2	3443522	3368557	3366477	3392852	1.29	cps
Thallium	203-1	2522473	2557122	2576943	2552179	1.08	cps
Thallium	205-1	5880147	5822095	5874955	5859065	0.55	cps
Tin	118-1	2342676	2385079	2368798	2365518	0.90	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:15:13	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5015026	5273593	5025268	5104629	2.87	cps
Uranium	238-1	8225242	8177184	8289520	8230649	0.68	cps
Vanadium	51-2	614061	606770	590119	603650	2.03	cps
Ytterbium	172-1	225	258	283	256	11.45	cps
Ytterbium	172-2	117	111	100	109	7.77	cps
Ytterbium	176-1	11714	11589	12423	11909	3.78	cps
Ytterbium	176-2	13001	13329	12740	13023	2.27	cps
Yttrium	89-1	11832329	12094346	11813891	11913522	1.32	cps
Yttrium	89-2	1166854	1186086	1182760	1178567	0.87	cps
Zinc	66-2	1219586	1219685	1184866	1208046	1.66	cps
Zirconium	90-1	5363857	5348463	5304166	5338829	0.58	cps
Zirconium	91-1	1225980	1211283	1214837	1217366	0.63	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245	301	177	241	25.68	cps
Antimony	121-1	125	258	375	253	49.49	cps
Arsenic	75-2	11	20	8	13	48.04	cps
Barium	135-1	50	192	217	153	58.83	cps
Barium	137-1	117	292	367	258	49.66	cps
Beryllium	9-1	115	149	149	137	14.17	cps
Bismuth	209-1	5182977	5308766	5290453	5260732	1.29	cps
Bismuth	209-2	2473227	2410939	2557277	2480481	2.96	cps
Boron	10-1	7054	6944	6814	6938	1.73	cps
Boron	11-1	31584	30894	30762	31080	1.42	cps
Bromine	81-1	42469	41967	39406	41281	3.98	cps
Cadmium	111-1	431	395	450	425	6.52	cps
Cadmium	106-1	3951	3726	3476	3717	6.39	cps
Cadmium	108-1	8	33	21	21	60.01	cps
Calcium	43-1	151	345	391	296	43.04	cps
Calcium	44-1	9835	12440	13358	11878	15.39	cps
Carbon	12-1	8532297	8549802	8498605	8526901	0.31	cps
Carbon	12-2	98237	97977	95938	97384	1.29	cps
Chlorine	35-1	111235	107229	106221	108228	2.45	cps
Chlorine	35-2	658	700	675	678	3.09	cps
Chromium	52-2	493	527	513	511	3.28	cps
Cobalt	59-2	167	240	100	169	41.46	cps
Copper	63-2	1777	2074	1177	1676	27.26	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	67	75	17	53	59.77	cps
Gadolinium	160-2	110	103	103	106	3.65	cps
Holmium	165-1	8293768	8515905	8431832	8413835	1.33	cps
Holmium	165-2	3316189	3191912	3243356	3250486	1.92	cps
Indium	115-1	7175056	7416155	7503158	7364790	2.31	cps
Indium	115-2	968983	937341	953378	953234	1.66	cps
Iron	54-2	1167	1533	967	1222	23.51	cps
Iron	56-2	13697	17979	9314	13663	31.71	cps
Iron	57-2	533	556	361	483	22.02	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	475	437	460	457	4.13	cps
Lead	206-1	1128	1456	1695	1426	19.95	cps
Lead	207-1	1006	1345	1256	1202	14.62	cps
Lead	208-1	4550	5817	6395	5588	16.89	cps
Lithium	6-1	4302955	4349979	4613173	4422035	3.78	cps
Magnesium	24-2	2800	4501	1425	2909	52.97	cps
Manganese	55-2	487	657	233	459	46.42	cps
Molybdenum	94-1	292	808	792	631	46.56	cps
Molybdenum	95-1	175	1008	950	711	65.42	cps
Molybdenum	96-1	450	950	1325	908	48.33	cps
Molybdenum	97-1	117	408	708	411	71.96	cps
Molybdenum	98-1	367	1142	1517	1008	58.16	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	93	103	104	11.21	cps
Phosphorus	31-2	1075	1017	1117	1070	4.70	cps
Potassium	39-2	17903	18779	18028	18237	2.60	cps
Rhodium	103-1	7182432	7374727	7114089	7223749	1.87	cps
Rhodium	103-2	2893844	2664329	2692877	2750350	4.55	cps
Scandium	45-1	5392473	5383659	5595162	5457098	2.19	cps
Scandium	45-2	163620	156631	160542	160264	2.19	cps
Selenium	82-1	6	61	-19	16	251.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	62	64	55	60	7.83	cps
Silicon	28-1	802127	805030	799721	802293	0.33	cps
Silver	107-1	875	850	1033	920	10.81	cps
Silver	109-1	1008	758	1125	964	19.44	cps
Sodium	23-2	25907	28821	23920	26216	9.40	cps
Strontium	86-1	917	1909	2200	1675	40.17	cps
Strontium	88-1	2100	9696	12698	8165	66.90	cps
Sulfur	34-1	323036	319134	325137	322436	0.94	cps
Terbium	159-1	8541534	8791490	8798181	8710402	1.68	cps
Terbium	159-2	3312333	3095266	3301895	3236498	3.78	cps
Thallium	203-1	400	450	483	444	9.44	cps
Thallium	205-1	800	1308	1067	1058	24.03	cps
Tin	118-1	625	650	667	647	3.24	cps

LB Number :	LB123283	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2022-12-14 17:30:45	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	383	492	378	30.91	cps
Uranium	238-1	117	333	500	317	60.70	cps
Vanadium	51-2	50	77	40	56	34.12	cps
Ytterbium	172-1	33	67	8	36	81.06	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	1483	1050	1342	1292	17.11	cps
Ytterbium	176-2	8609	8386	7814	8269	4.96	cps
Yttrium	89-1	11815438	12217765	12085679	12039627	1.70	cps
Yttrium	89-2	1146419	1100010	1122316	1122915	2.07	cps
Zinc	66-2	333	333	223	297	21.41	cps
Zirconium	90-1	533	767	1000	767	30.44	cps
Zirconium	91-1	67	175	142	128	43.42	cps