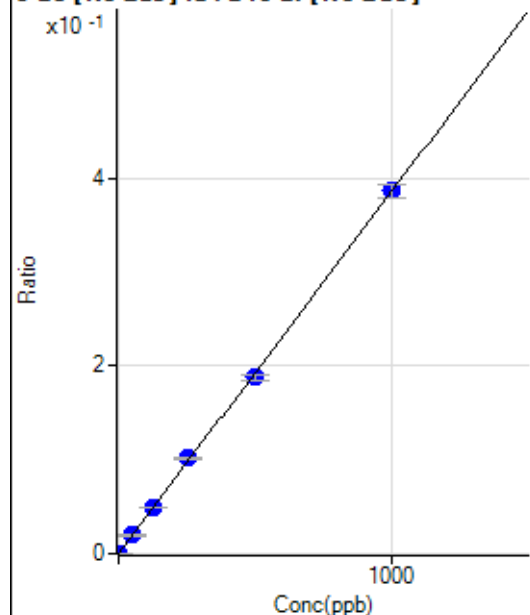


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8030521MS.b\
Analysis File: P8030521MS.batch.bin
DA Date-Time: 2021-03-05 16:34:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-03-05 12:40:46
2	007CAL.S.d	S02	2021-03-05 12:47:07
3	008CAL.S.d	S03	2021-03-05 12:50:17
4	009CAL.S.d	S04	2021-03-05 12:53:26
5	010CAL.S.d	S05	2021-03-05 12:56:32
6	011CAL.S.d	S06	2021-03-05 12:59:30
7	012CAL.S.d	S07	2021-03-05 13:02:31
8	014CAL.S.d	S08	2021-03-05 13:10:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.33	0.0000	P	4.1
2	☐	1.000	0.990	559.24	0.0004	P	6.8
3	☐	50.000	50.630	28081.04	0.0195	P	1.0
4	☐	125.000	128.436	69595.17	0.0495	P	2.4
5	☐	250.000	265.183	141027.43	0.1022	P	1.9
6	☐	500.000	487.061	282568.05	0.1878	P	3.9
7	☐	1000.000	1002.213	573847.47	0.3863	P	3.5
8	☐			95.98	0.0001	P	14.6

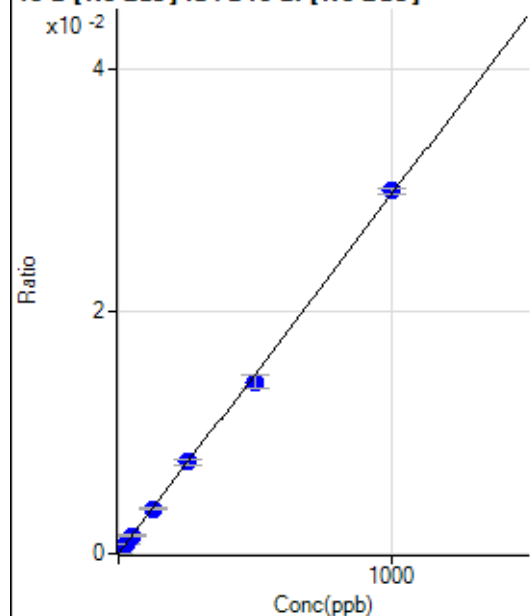
$$y = 3.8545E-004 * x + 1.4872E-005$$

$$R = 0.9998$$

$$DL = 0.004732$$

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	36.66	0.0000	P	31.7
2	☐	25.000	26.490	1143.16	0.0008	P	5.3
3	☐	50.000	49.657	2151.74	0.0015	P	5.5
4	☐	125.000	124.452	5216.58	0.0037	P	6.5
5	☐	250.000	254.968	10457.67	0.0076	P	6.8
6	☐	500.000	477.416	21305.18	0.0142	P	8.4
7	☐	1000.000	1010.098	44526.93	0.0299	P	1.8
8	☐			2011.75	0.0013	P	4.7

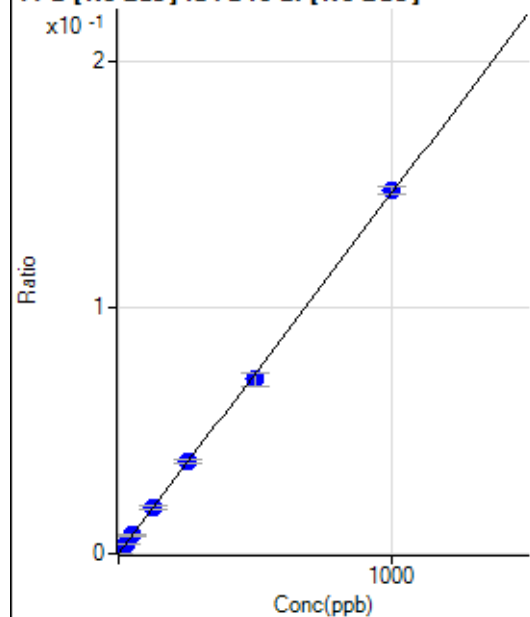
$$y = 2.9619E-005 * x + 2.5621E-005$$

$$R = 0.9996$$

$$DL = 0.8219$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.63	0.0001	P	18.5
2	☐	25.000	25.525	5439.28	0.0039	P	4.6
3	☐	50.000	50.585	10803.19	0.0075	P	7.2
4	☐	125.000	126.630	26159.41	0.0186	P	7.1
5	☐	250.000	256.126	51789.76	0.0375	P	5.3
6	☐	500.000	482.749	106224.30	0.0706	P	8.7
7	☐	1000.000	1006.848	218823.00	0.1472	P	2.3
8	☐			9786.00	0.0062	P	3.5

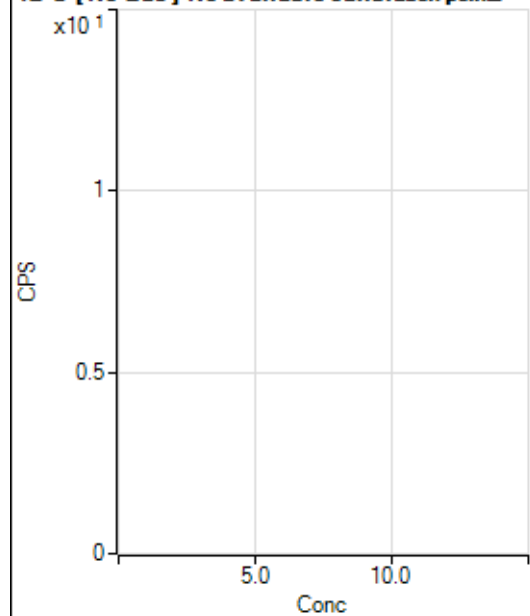
$$y = 1.4603E-004 * x + 1.2755E-004$$

R = 0.9998

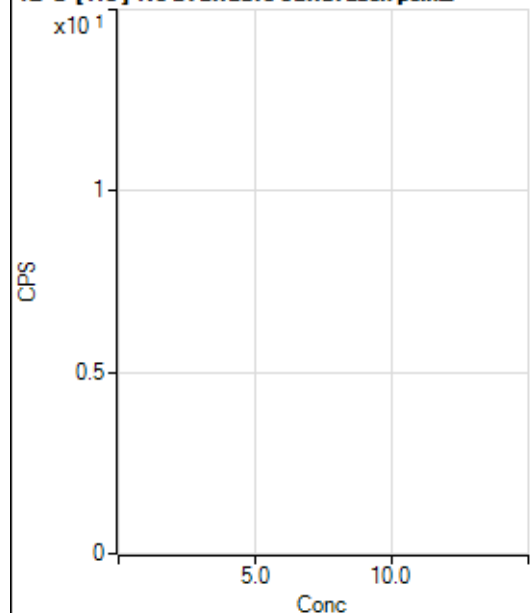
DL = 0.4849

Weight: <None>

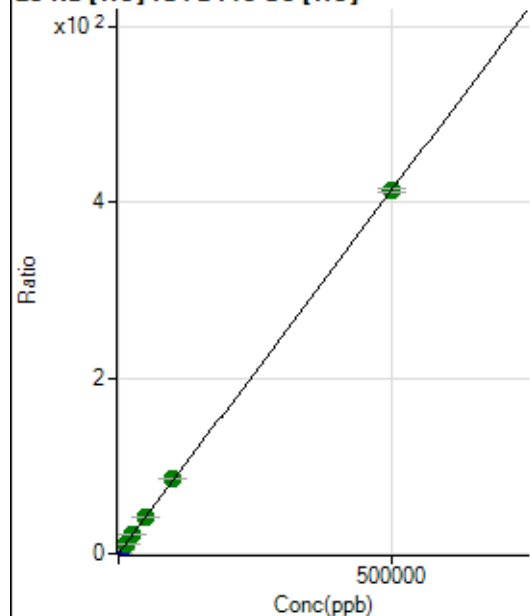
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27835.52	0.2152	P	1.9
2	☐	500.000	500.790	82276.32	0.6295	P	0.7
3	☐	5000.000	5230.376	599096.03	4.5419	P	1.5
4	☐	12500.000	12874.351	1451906.98	10.8652	A	0.7
5	☐	25000.000	25717.152	2841127.71	21.4891	A	1.0
6	☐	50000.000	50152.683	5568687.41	41.7027	A	1.1
7	☐	100000.00	102909.24	11083385.40	85.3443	A	1.3
8	☐	500000.00	499355.36	53273499.80	413.2943	A	0.9

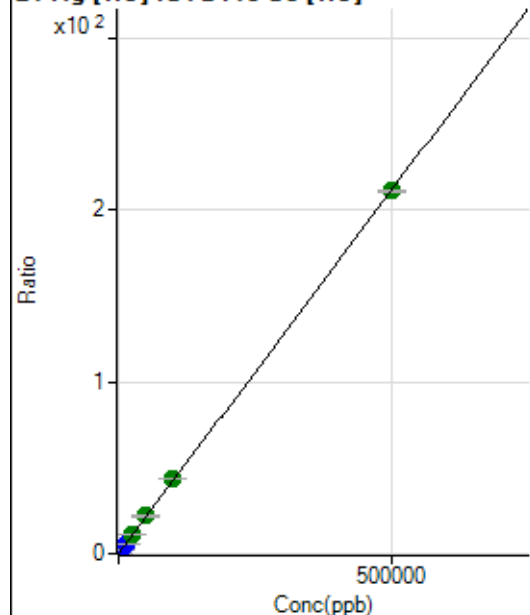
$$y = 8.2722E-004 * x + 0.2152$$

$$R = 1.0000$$

$$DL = 14.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.69	0.0036	P	12.4
2	☐	500.000	507.207	28475.69	0.2178	P	0.4
3	☐	5000.000	5337.462	297845.32	2.2581	P	1.4
4	☐	12500.000	13168.722	743753.10	5.5658	P	0.2
5	☐	25000.000	26337.220	1471199.90	11.1280	A	1.5
6	☐	50000.000	51578.274	2908924.96	21.7893	A	2.5
7	☐	100000.00	103348.01	5669450.39	43.6559	A	1.7
8	☐	500000.00	499085.60	27172763.80	210.8083	A	0.7

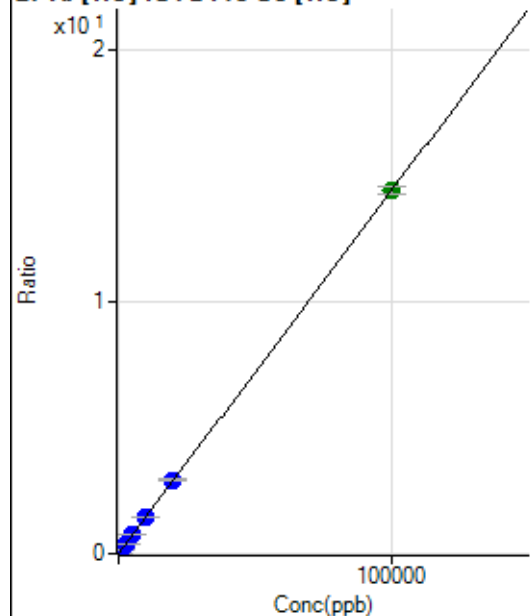
$$y = 4.2238\text{E-}004 * x + 0.0036$$

$$R = 1.0000$$

$$DL = 3.187$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.71	0.0030	P	5.2
2	☐	20.000	19.779	770.35	0.0059	P	4.0
3	☐	1000.000	1014.886	19694.56	0.1493	P	2.1
4	☐	2500.000	2481.732	48202.28	0.3607	P	1.2
5	☐	5000.000	5061.643	96853.16	0.7326	P	1.4
6	☐	10000.000	9943.882	191770.86	1.4362	P	1.0
7	☐	20000.000	20259.349	379597.42	2.9230	P	1.3
8	☐	100000.00	99950.968	1857114.72	14.4087	A	2.0

$$y = 1.4413\text{E-}004 * x + 0.0030$$

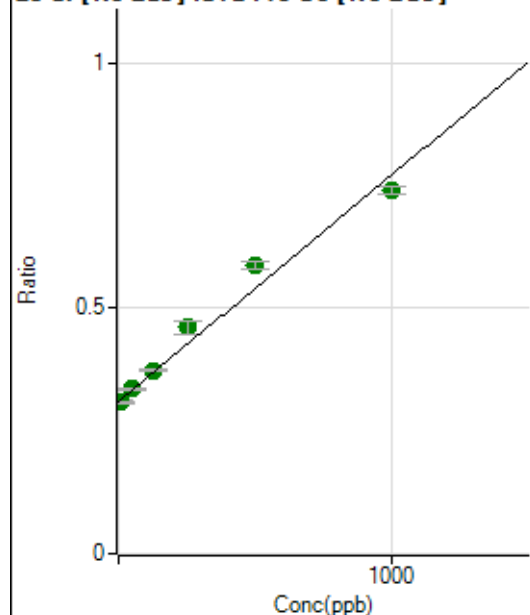
$$R = 1.0000$$

$$DL = 3.294$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	977160.68	0.3108	A	2.4
2	☐	10.000	-4.503	977074.25	0.3088	A	1.6
3	☐	50.000	56.481	1067896.47	0.3369	A	1.3
4	☐	125.000	136.492	1205670.89	0.3738	A	1.1
5	☐	250.000	325.978	1455359.16	0.4613	A	6.0
6	☐	500.000	600.123	1917749.37	0.5878	A	3.2
7	☐	1000.000	929.328	2400144.09	0.7397	A	2.0
8	☐			996725.20	0.3049	A	4.4

$$y = 4.6148\text{E-}004 * x + 0.3108$$

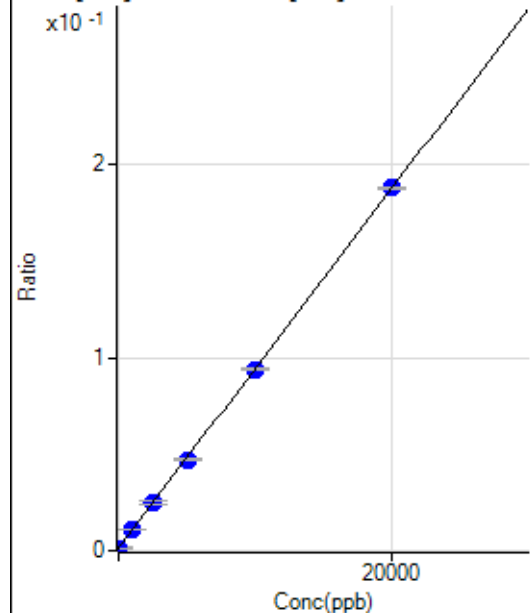
$$R = 0.9878$$

$$DL = 48.79$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.348	191.67	0.0015	P	17.9
2	☐	0.000	-4.348	183.34	0.0014	P	11.1
3	☐	1000.000	1028.882	1452.89	0.0110	P	4.5
4	☐	2500.000	2532.529	3339.36	0.0250	P	6.6
5	☐	5000.000	4925.562	6245.94	0.0472	P	1.8
6	☐	10000.000	9924.093	12514.06	0.0937	P	1.1
7	☐	20000.000	20051.053	24401.61	0.1879	P	0.2
8	☐			180.56	0.0014	P	24.6

$$y = 9.2987\text{E-}006 * x + 0.0014$$

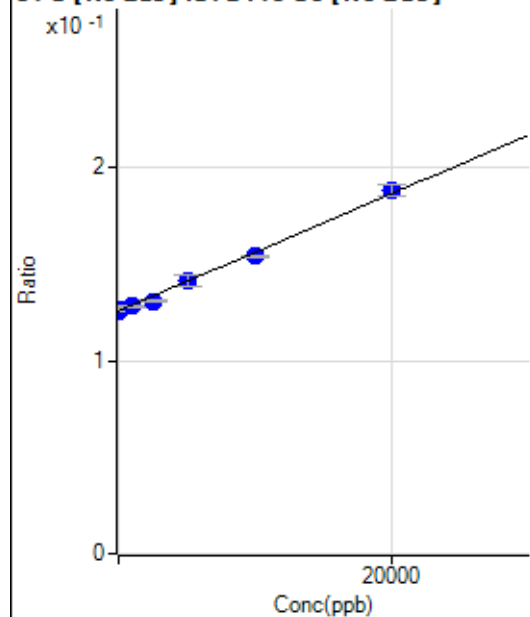
$$R = 1.0000$$

$$DL = 67.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-42.379	395591.23	0.1258	P	2.5
2	☐	0.000	42.379	399041.96	0.1261	P	1.1
3	☐	1000.000	735.170	406374.36	0.1282	P	1.2
4	☐	2500.000	1554.976	421505.48	0.1307	P	0.7
5	☐	5000.000	5224.260	447700.43	0.1418	P	4.2
6	☐	10000.000	9260.387	502793.02	0.1541	P	1.0
7	☐	20000.000	20445.111	610027.72	0.1880	P	3.3
8	☐			375539.33	0.1149	P	3.7

$$y = 3.0362E-006 * x + 0.1260$$

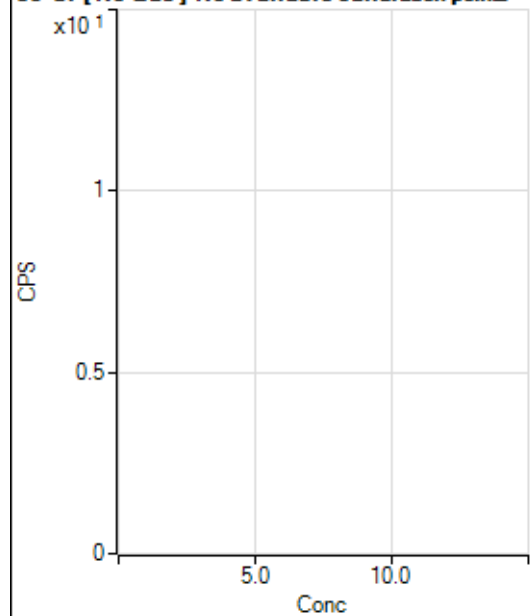
R = 0.9980

DL = 2259

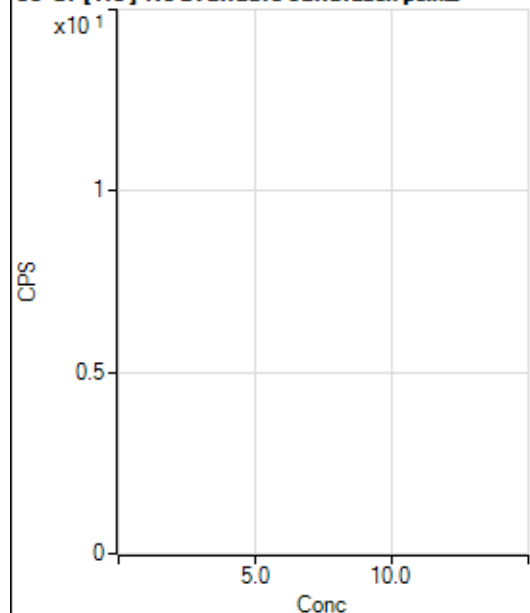
Weight: <None>

Min Conc: 0

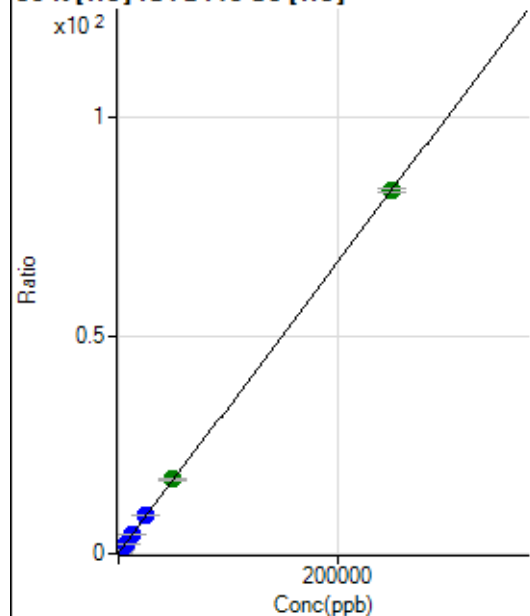
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25033.32	0.1935	P	1.2
2	☐	500.000	506.261	47286.54	0.3618	P	1.0
3	☐	2500.000	2619.619	140392.52	1.0643	P	1.3
4	☐	6250.000	6541.373	316419.73	2.3680	P	1.2
5	☐	12500.000	13229.418	606997.71	4.5912	P	1.5
6	☐	25000.000	25992.987	1179461.86	8.8341	P	1.8
7	☐	50000.000	50954.262	2224785.40	17.1317	A	2.3
8	☐	250000.00	249664.88	10722610.74	83.1868	A	1.0

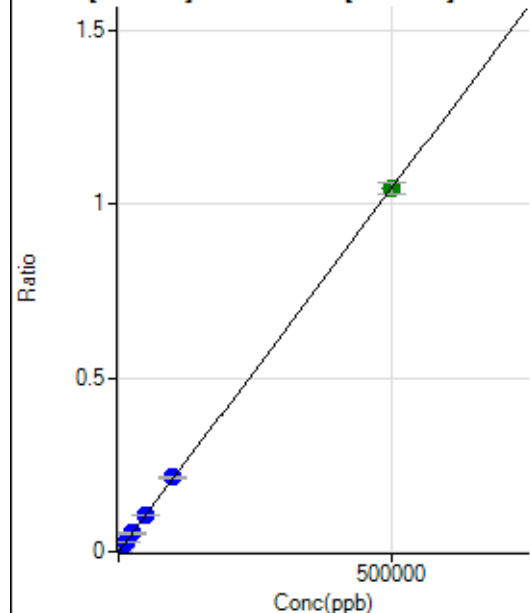
$$y = 3.3242E-004 * x + 0.1935$$

$$R = 1.0000$$

$$DL = 21.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	232.05	0.0001	P	4.5
2	☐	500.000	483.212	3429.58	0.0011	P	0.2
3	☐	5000.000	5062.599	33770.60	0.0107	P	2.0
4	☐	12500.000	12438.098	84079.71	0.0261	P	1.0
5	☐	25000.000	25689.538	169696.44	0.0538	P	4.6
6	☐	50000.000	50078.401	341757.58	0.1047	P	0.9
7	☐	100000.00	102749.90	697009.38	0.2148	P	2.3
8	☐	500000.00	499408.64	3413489.26	1.0439	A	3.1

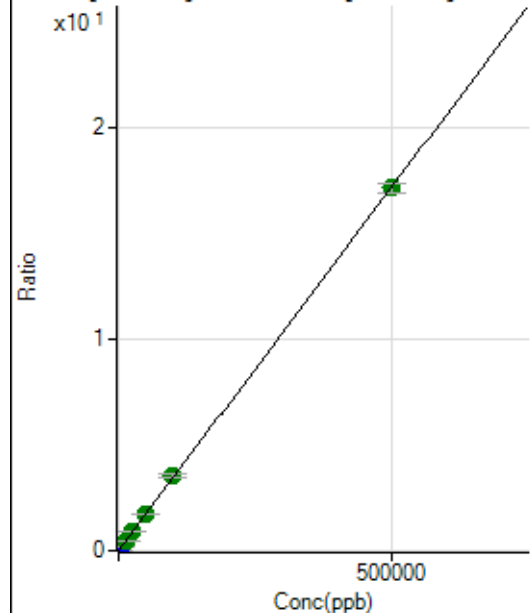
$$y = 2.0900\text{E-}006 * x + 7.3781\text{E-}005$$

$$R = 1.0000$$

$$DL = 4.774$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15880.12	0.0051	P	1.3
2	☐	500.000	483.613	68498.10	0.0216	P	0.3
3	☐	5000.000	5107.196	571478.27	0.1803	P	1.0
4	☐	12500.000	12822.005	1435247.86	0.4450	A	2.0
5	☐	25000.000	25747.007	2804992.30	0.8885	A	3.7
6	☐	50000.000	50612.267	5682844.44	1.7417	A	1.2
7	☐	100000.00	102991.63	11477896.85	3.5389	A	4.9
8	☐	500000.00	499293.98	56049836.36	17.1371	A	2.7

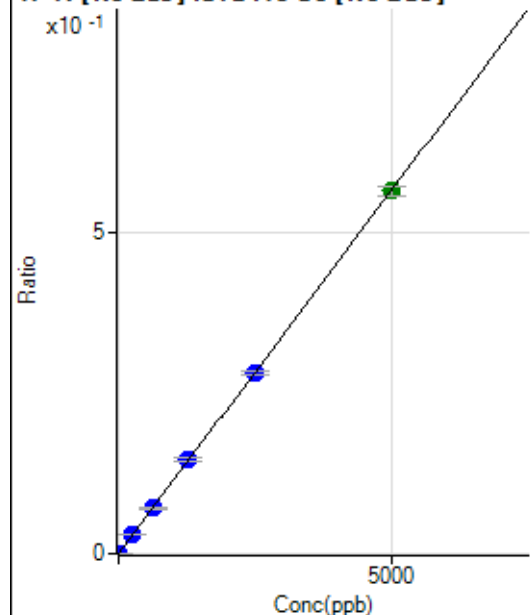
$$y = 3.4312\text{E-}005 * x + 0.0051$$

$$R = 1.0000$$

$$DL = 5.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.12	0.0001	P	5.5
2	☐	5.000	4.873	2002.97	0.0006	P	7.7
3	☐	250.000	255.882	91821.70	0.0290	P	2.3
4	☐	625.000	627.969	228895.73	0.0710	P	2.1
5	☐	1250.000	1294.137	461430.77	0.1462	P	4.1
6	☐	2500.000	2489.946	917462.36	0.2812	P	1.5
7	☐	5000.000	4993.328	1829060.52	0.5638	A	3.0
8	☐			363.90	0.0001	P	7.1

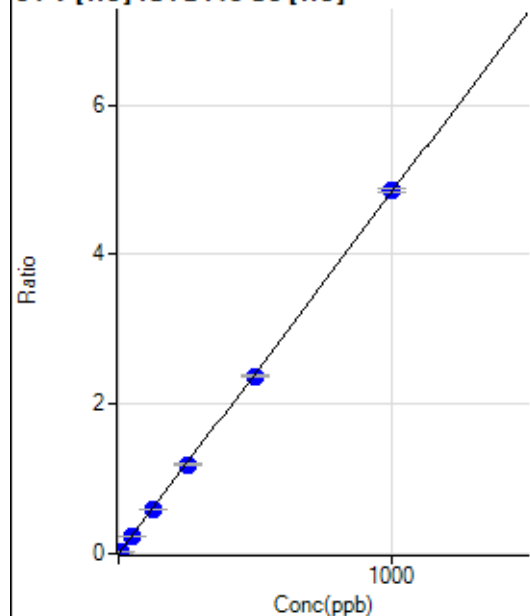
$$y = 1.1289E-004 * x + 8.3095E-005$$

$$R = 1.0000$$

$$DL = 0.1209$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.1
2	☐	5.000	4.890	3090.37	0.0236	P	3.0
3	☐	50.000	49.791	31706.20	0.2403	P	1.4
4	☐	125.000	122.375	78921.39	0.5906	P	0.8
5	☐	250.000	247.571	157956.48	1.1948	P	2.0
6	☐	500.000	492.500	317348.49	2.3768	P	1.5
7	☐	1000.000	1004.697	629678.54	4.8486	P	1.1
8	☐			75.55	0.0006	P	9.3

$$y = 0.0048 * x + 4.2618E-005$$

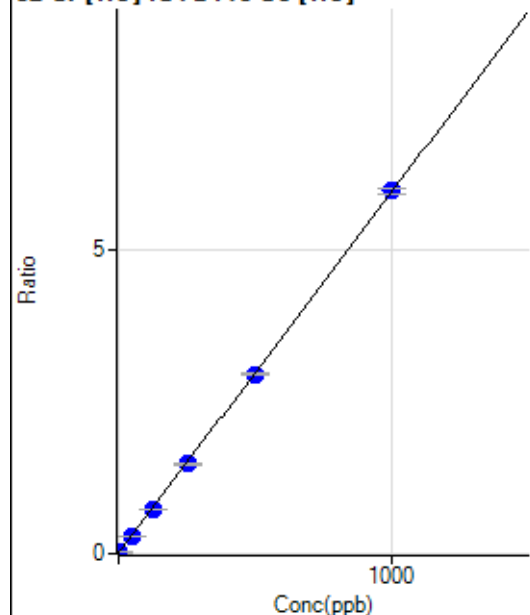
$$R = 1.0000$$

$$DL = 0.02414$$

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	725.58	0.0056	P	7.1
2	☐	2.000	1.978	2271.32	0.0174	P	2.5
3	☐	50.000	49.438	39542.36	0.2997	P	0.1
4	☐	125.000	123.400	98856.37	0.7398	P	0.8
5	☐	250.000	247.690	195569.54	1.4793	P	1.6
6	☐	500.000	494.779	393799.08	2.9493	P	1.2
7	☐	1000.000	1003.416	776027.29	5.9755	P	1.3
8	☐			5514.46	0.0428	P	2.3

$$y = 0.0059 * x + 0.0056$$

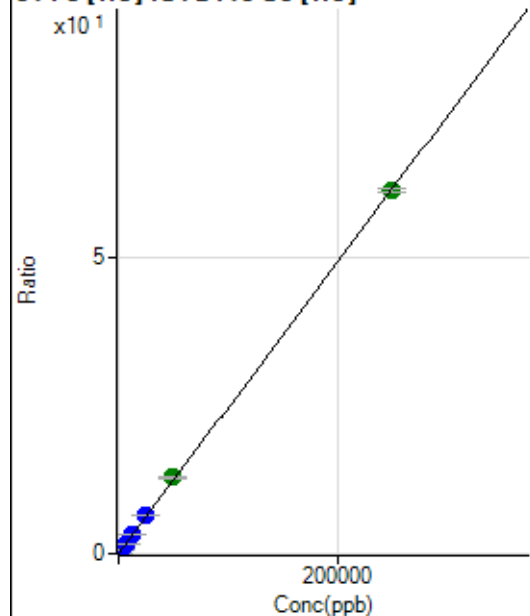
$$R = 1.0000$$

$$DL = 0.1998$$

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	435.20	0.0034	P	19.1
2	☐	50.000	52.162	2115.01	0.0162	P	7.0
3	☐	2500.000	2635.858	85960.78	0.6516	P	1.0
4	☐	6250.000	6449.756	212422.47	1.5897	P	0.9
5	☐	12500.000	13027.311	424061.41	3.2074	P	1.7
6	☐	25000.000	25992.171	854113.61	6.3962	P	0.9
7	☐	50000.000	52334.013	1672049.68	12.8750	A	1.6
8	☐	250000.00	249401.26	7906925.53	61.3438	A	1.2

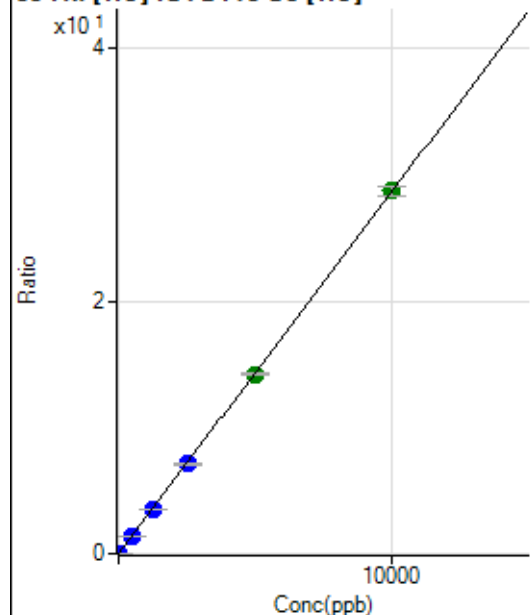
$$y = 2.4595E-004 * x + 0.0034$$

$$R = 1.0000$$

$$DL = 7.814$$

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	93.34	0.0007	P	37.4
2	☐	1.000	0.962	454.46	0.0035	P	1.3
3	☐	500.000	501.577	189420.22	1.4359	P	0.4
4	☐	1250.000	1226.884	469215.54	3.5113	P	0.4
5	☐	2500.000	2477.137	937233.98	7.0888	P	1.0
6	☐	5000.000	4947.896	1890892.42	14.1586	A	1.0
7	☐	10000.000	10034.579	3728943.04	28.7135	A	2.4
8	☐			2224.64	0.0173	P	6.9

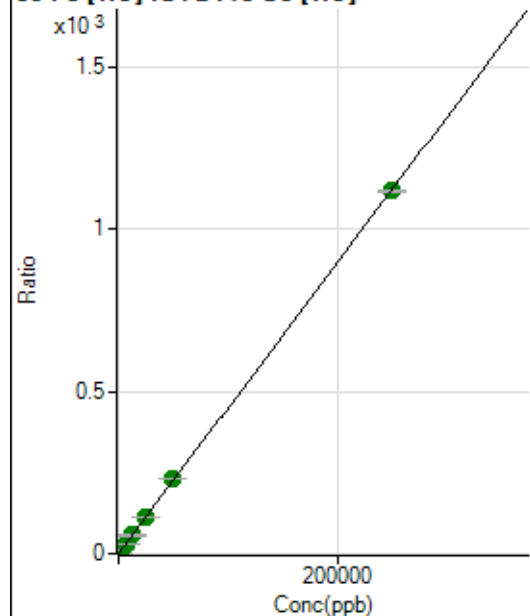
$$y = 0.0029 * x + 7.2419E-004$$

$$R = 1.0000$$

$$DL = 0.284$$

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	2728.08	0.0211	P	3.8
2	☐	50.000	51.403	32825.04	0.2512	P	3.9
3	☐	2500.000	2604.918	1541108.41	11.6815	A	0.7
4	☐	6250.000	6375.685	3816461.26	28.5605	A	0.6
5	☐	12500.000	12577.504	7446211.45	56.3217	A	1.6
6	☐	25000.000	25132.528	15022434.59	112.5217	A	2.5
7	☐	50000.000	51551.677	29970988.17	230.7815	A	1.6
8	☐	250000.00	249668.34	144065426.3	1,117.609	A	0.2

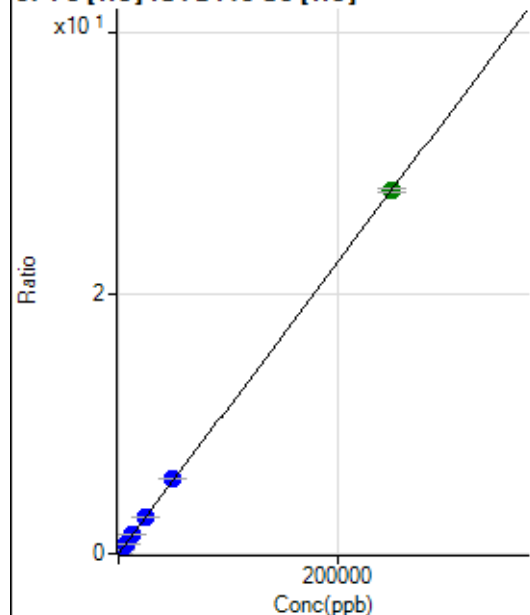
$$y = 0.0045 * x + 0.0211$$

$$R = 1.0000$$

$$DL = 0.5303$$

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	133.33	0.0010	P	31.7
2	☐	50.000	48.753	846.34	0.0065	P	3.1
3	☐	2500.000	2525.718	37350.97	0.2831	P	0.5
4	☐	6250.000	6342.898	94801.31	0.7095	P	1.6
5	☐	12500.000	12786.537	188949.28	1.4292	P	1.9
6	☐	25000.000	25248.529	376661.05	2.8210	P	1.7
7	☐	50000.000	51522.341	747459.28	5.7556	P	1.4
8	☐	250000.00	249653.77	3594266.28	27.8849	A	1.1

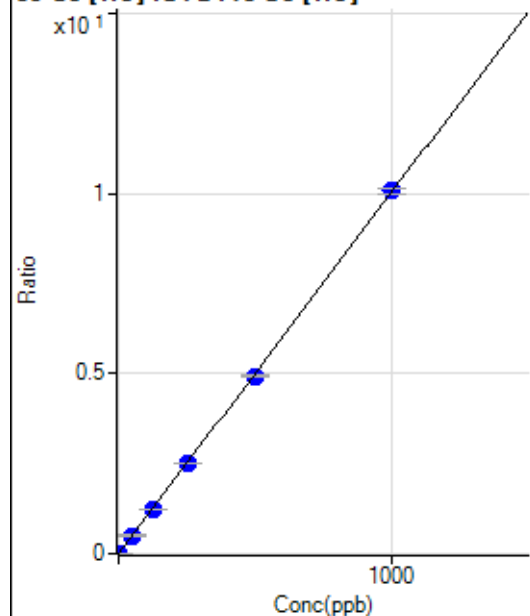
$$y = 1.1169E-004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 8.766$$

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	30.00	0.0002	P	9.7
2	☐	1.000	1.014	1361.19	0.0104	P	2.1
3	☐	50.000	50.490	66898.37	0.5072	P	1.5
4	☐	125.000	123.384	165574.27	1.2391	P	0.4
5	☐	250.000	249.649	331436.51	2.5068	P	1.5
6	☐	500.000	492.023	659646.77	4.9404	P	1.2
7	☐	1000.000	1004.254	1309511.88	10.0834	P	1.3
8	☐			1846.80	0.0143	P	7.3

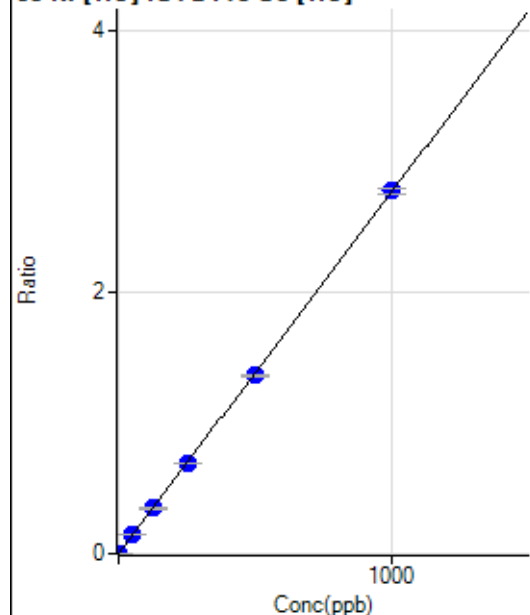
$$y = 0.0100 * x + 2.3170E-004$$

$$R = 1.0000$$

$$DL = 0.006701$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.45	0.0004	P	29.0
2	☐	1.000	1.194	486.68	0.0037	P	5.3
3	☐	50.000	51.040	18676.80	0.1416	P	2.3
4	☐	125.000	125.023	46266.11	0.3462	P	0.8
5	☐	250.000	250.068	91509.73	0.6921	P	1.4
6	☐	500.000	492.732	182032.00	1.3633	P	1.2
7	☐	1000.000	1003.562	360546.40	2.7763	P	1.5
8	☐			1706.79	0.0132	P	4.1

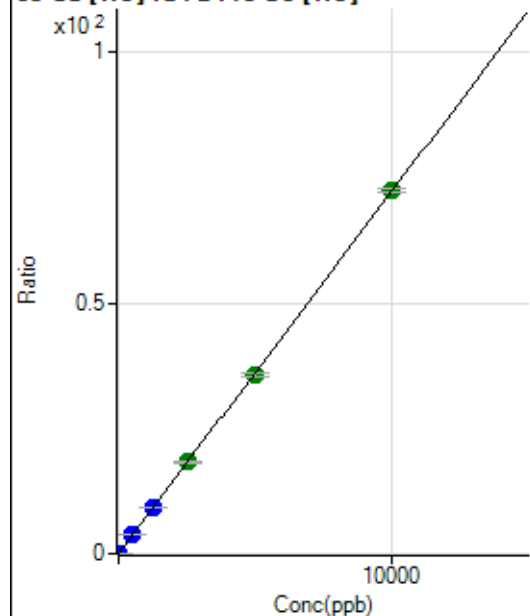
$$y = 0.0028 * x + 4.2083E-004$$

$$R = 1.0000$$

$$DL = 0.1324$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	632.97	0.0049	P	4.1
2	☐	2.000	1.893	2425.52	0.0186	P	3.9
3	☐	500.000	517.828	493715.65	3.7428	P	1.2
4	☐	1250.000	1273.843	1229396.23	9.2001	P	0.2
5	☐	2500.000	2535.962	2420922.86	18.3106	A	1.8
6	☐	5000.000	4922.805	4744928.70	35.5400	A	2.4
7	☐	10000.000	10025.735	9399409.54	72.3753	A	1.0
8	☐			5303.18	0.0411	P	1.5

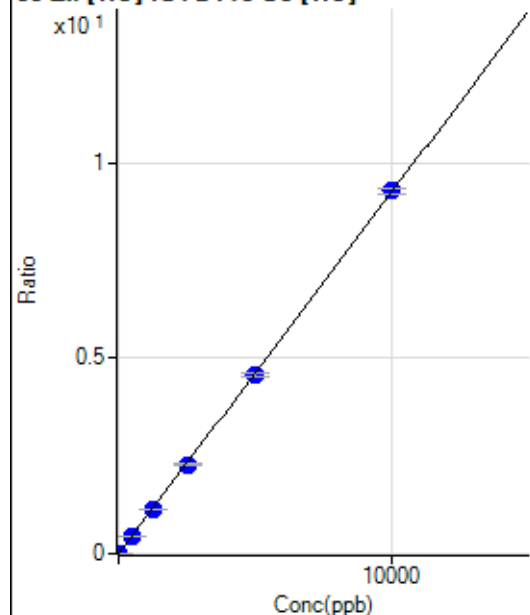
$$y = 0.0072 * x + 0.0049$$

$$R = 0.9999$$

$$DL = 0.08393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0006	P	43.3
2	☐	2.000	1.837	302.23	0.0023	P	4.1
3	☐	500.000	503.034	61499.26	0.4662	P	0.5
4	☐	1250.000	1241.197	153590.87	1.1494	P	1.1
5	☐	2500.000	2468.062	302098.79	2.2849	P	1.0
6	☐	5000.000	4940.488	610581.42	4.5732	P	1.8
7	☐	10000.000	10038.689	1206702.78	9.2919	P	1.4
8	☐			1809.02	0.0140	P	5.2

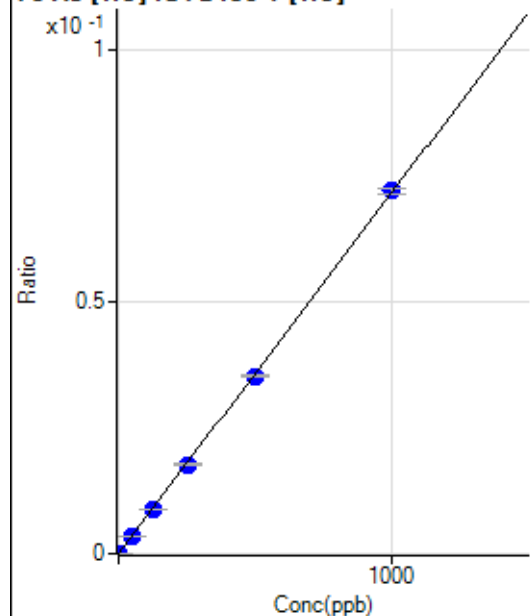
$$y = 9.2554\text{E-}004 * x + 6.1199\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.8589$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.33	0.0000	P	25.3
2	☐	1.000	0.952	92.34	0.0001	P	17.7
3	☐	50.000	49.685	4331.44	0.0036	P	1.6
4	☐	125.000	123.878	10924.33	0.0089	P	0.5
5	☐	250.000	247.309	21808.63	0.0177	P	2.0
6	☐	500.000	490.450	43803.90	0.0351	P	1.1
7	☐	1000.000	1005.604	87769.40	0.0719	P	1.6
8	☐			40.67	0.0000	P	10.8

$$y = 7.1527\text{E-}005 * x + 8.7303\text{E-}006$$

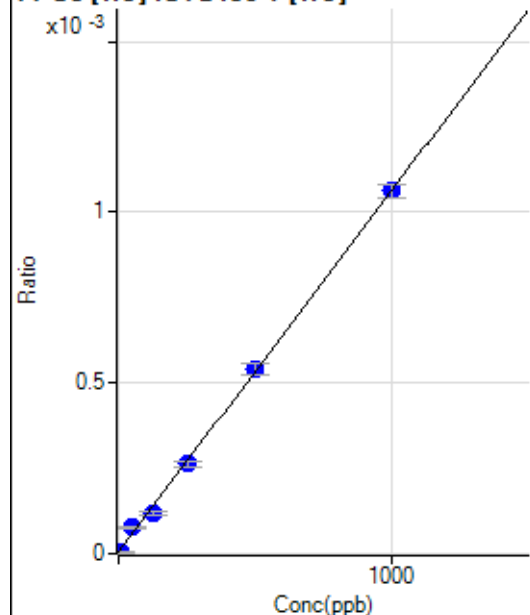
$$R = 0.9999$$

$$DL = 0.09246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.1
2	☐	5.000	-0.939	4.45	0.0000	P	86.6
3	☐	50.000	68.122	93.33	0.0001	P	9.7
4	☐	125.000	106.404	144.45	0.0001	P	9.0
5	☐	250.000	243.264	323.34	0.0003	P	8.0
6	☐	500.000	506.656	675.58	0.0005	P	6.0
7	☐	1000.000	999.804	1296.74	0.0011	P	3.7
8	☐			5.56	0.0000	P	34.0

$$y = 1.0584\text{E-}006 * x + 4.6786\text{E-}006$$

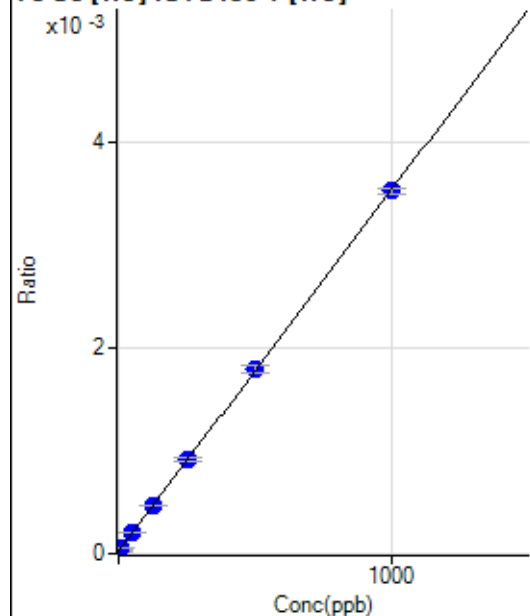
$$R = 0.9995$$

$$DL = 4.519$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	24.1
2	☐	5.000	7.313	61.34	0.0001	P	15.5
3	☐	50.000	51.204	249.36	0.0002	P	6.4
4	☐	125.000	125.098	572.07	0.0005	P	2.4
5	☐	250.000	253.090	1125.83	0.0009	P	3.7
6	☐	500.000	503.917	2240.41	0.0018	P	4.4
7	☐	1000.000	997.185	4302.09	0.0035	P	1.5
8	☐			42.67	0.0000	P	10.3

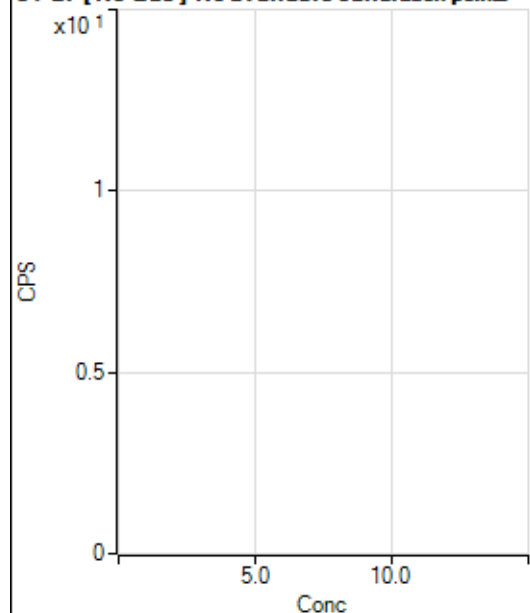
$$y = 3.5105\text{E-}006 * x + 2.5337\text{E-}005$$

$$R = 1.0000$$

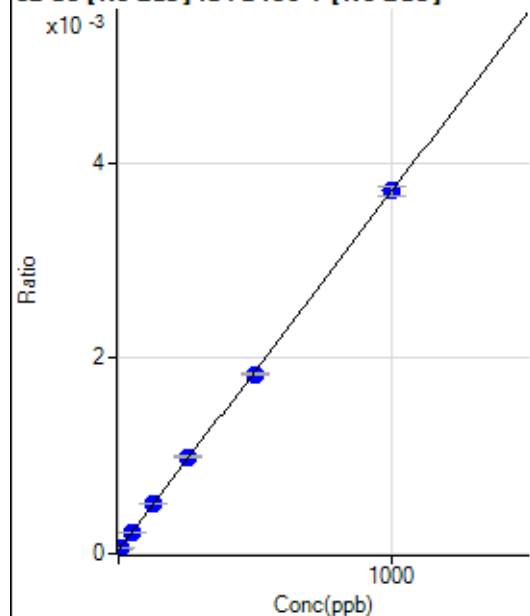
$$DL = 5.21$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3560.78		P	4.9
2	☐			3620.88		P	13.3
3	☐			3560.81		P	4.7
4	☐			3514.06		P	7.7
5	☐			3704.32		P	10.5
6	☐			3554.14		P	7.2
7	☐			3487.37		P	1.6
8	☐			3627.57		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	383.53	0.0000	P	5.1
2	☐	5.000	4.527	548.38	0.0001	P	7.0
3	☐	50.000	50.969	2324.86	0.0002	P	0.5
4	☐	125.000	129.250	5259.37	0.0005	P	0.9
5	☐	250.000	259.717	10104.23	0.0010	P	2.9
6	☐	500.000	490.762	19671.60	0.0018	P	0.9
7	☐	1000.000	1001.612	39539.21	0.0037	P	2.9
8	☐			443.01	0.0000	P	23.6

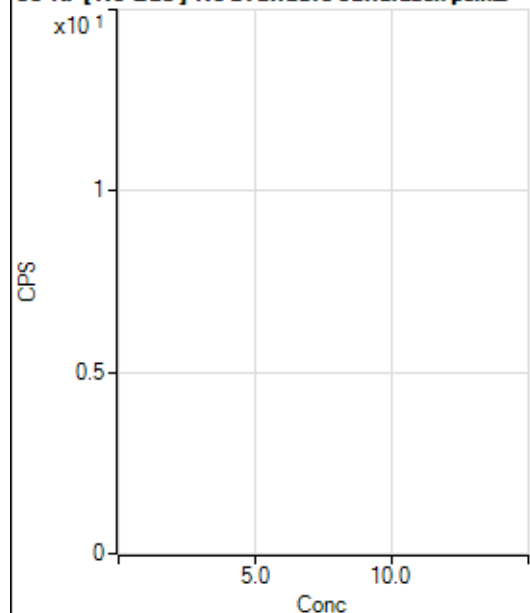
$$y = 3.6720E-006 * x + 3.7584E-005$$

$$R = 0.9999$$

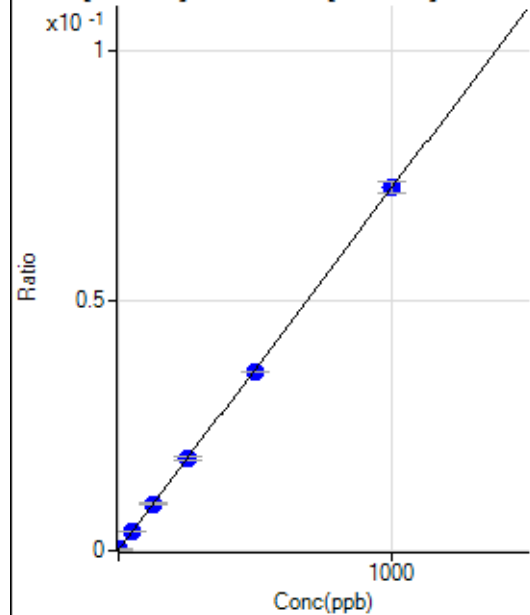
$$DL = 1.58$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			847.81		P	6.1
2	☐			877.82		P	3.0
3	☐			861.15		P	4.6
4	☐			855.59		P	10.4
5	☐			912.27		P	4.7
6	☐			827.81		P	7.2
7	☐			741.14		P	5.0
8	☐			833.37		P	12.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1433.45	0.0001	P	15.2
2	☐	1.000	0.771	1989.10	0.0002	P	4.8
3	☐	50.000	50.920	39598.51	0.0038	P	0.6
4	☐	125.000	127.677	96382.70	0.0094	P	2.4
5	☐	250.000	255.217	189752.80	0.0186	P	4.2
6	☐	500.000	494.228	384207.85	0.0359	P	0.2
7	☐	1000.000	1001.201	772992.49	0.0726	P	3.1
8	☐			5804.13	0.0005	P	3.6

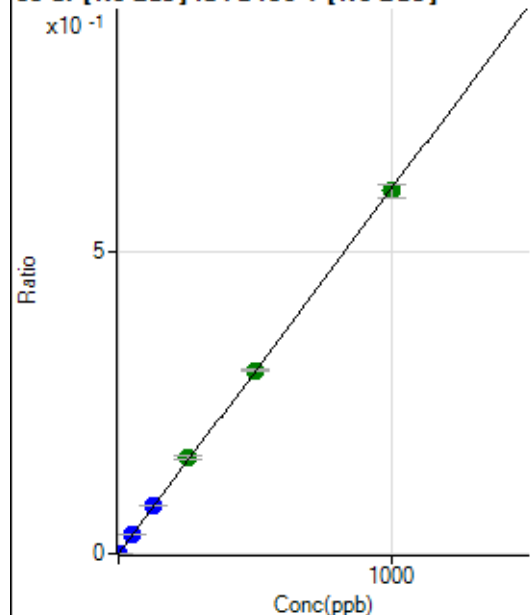
$$y = 7.2413E-005 * x + 1.4073E-004$$

$$R = 1.0000$$

$$DL = 0.8886$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	18.9
2	☐	1.000	1.042	6435.01	0.0006	P	1.9
3	☐	50.000	51.824	323293.29	0.0313	P	1.0
4	☐	125.000	130.878	810347.70	0.0789	P	0.1
5	☐	250.000	265.521	1631388.76	0.1601	A	4.0
6	☐	500.000	502.128	3237340.96	0.3027	A	0.7
7	☐	1000.000	994.230	6378282.78	0.5994	A	3.6
8	☐			38551.12	0.0036	P	1.6

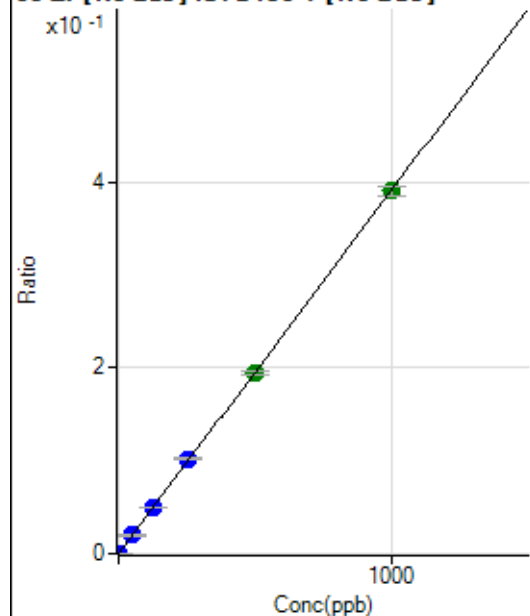
$$y = 6.0291\text{E-}004 * x + 8.1848\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.007715$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0000	P	23.4
2	☐	1.000	1.032	4381.38	0.0004	P	5.8
3	☐	50.000	50.496	204341.02	0.0198	P	2.3
4	☐	125.000	128.391	515298.71	0.0502	P	0.2
5	☐	250.000	260.814	1038721.18	0.1019	P	3.0
6	☐	500.000	496.944	2076059.23	0.1941	A	1.8
7	☐	1000.000	998.376	4150443.58	0.3900	A	3.0
8	☐			1466.79	0.0001	P	11.5

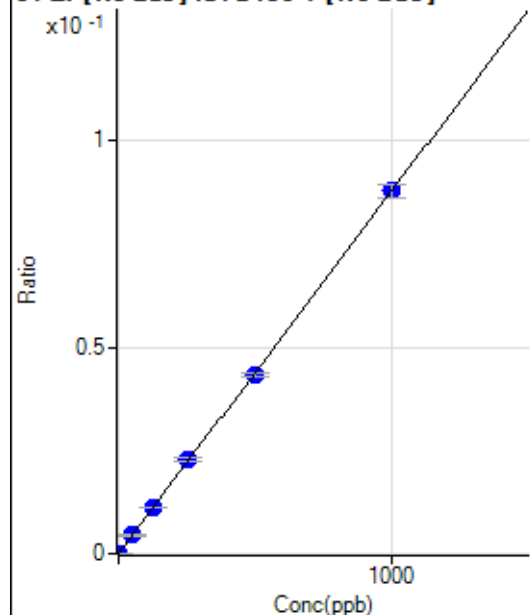
$$y = 3.9063\text{E-}004 * x + 2.9614\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05331$$

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	61.12	0.0000	P	62.4
2	☐	1.000	1.089	1025.07	0.0001	P	10.0
3	☐	50.000	50.765	46090.97	0.0045	P	2.2
4	☐	125.000	126.649	114051.96	0.0111	P	3.1
5	☐	250.000	260.133	232412.23	0.0228	P	4.0
6	☐	500.000	492.032	461170.81	0.0431	P	2.4
7	☐	1000.000	1001.206	933852.98	0.0878	P	3.6
8	☐			316.68	0.0000	P	34.7

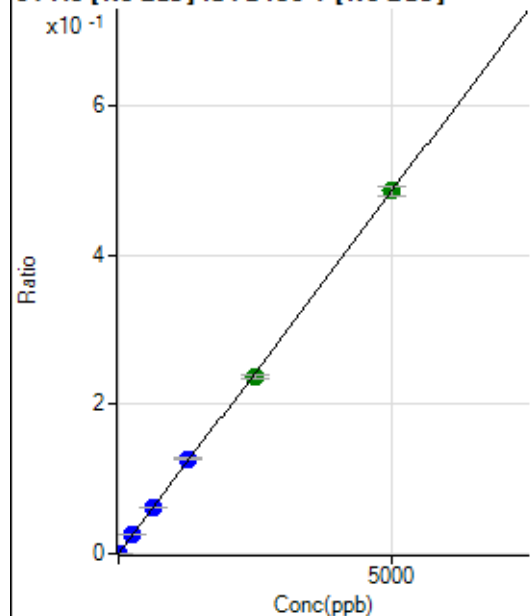
$$y = 8.7651\text{E-}005 * x + 5.9544\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1272$$

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	152.78	0.0000	P	24.6
2	☐	5.000	4.909	4973.26	0.0005	P	1.8
3	☐	250.000	256.238	257506.75	0.0249	P	1.2
4	☐	625.000	641.868	640083.72	0.0623	P	0.4
5	☐	1250.000	1308.891	1295361.66	0.1271	P	3.3
6	☐	2500.000	2451.050	2544616.03	0.2380	A	2.1
7	☐	5000.000	5007.332	5174069.95	0.4862	A	2.7
8	☐			1614.03	0.0002	P	3.4

$$y = 9.7092\text{E-}005 * x + 1.4942\text{E-}005$$

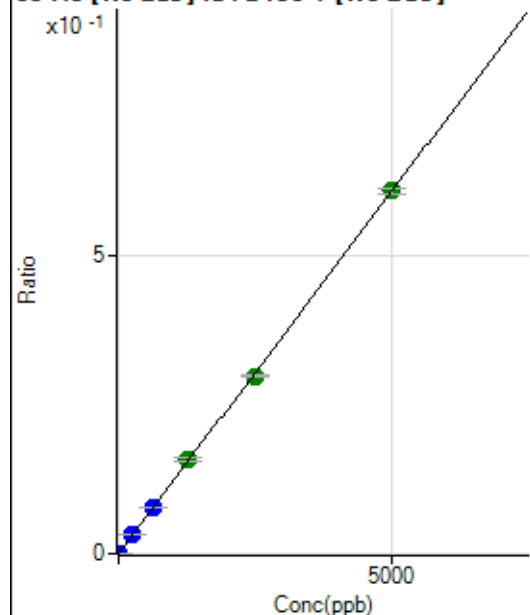
$$R = 0.9999$$

$$DL = 0.1135$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.4
2	☐	5.000	5.001	6182.09	0.0006	P	4.9
3	☐	250.000	255.283	321251.77	0.0311	P	2.1
4	☐	625.000	639.643	799006.02	0.0778	P	0.8
5	☐	1250.000	1291.611	1600891.83	0.1571	A	4.6
6	☐	2500.000	2455.657	3194226.87	0.2987	A	1.0
7	☐	5000.000	5009.674	6486593.85	0.6094	A	1.8
8	☐			1850.18	0.0002	P	7.3

$$y = 1.2164\text{E-}004 * x + 2.7285\text{E-}006$$

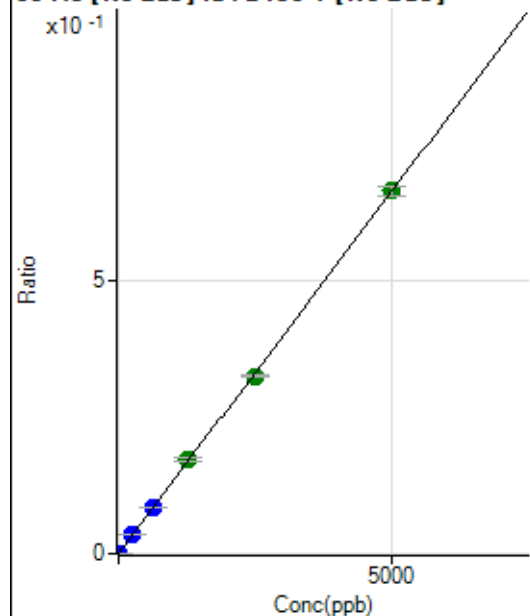
$$R = 0.9999$$

$$DL = 0.04196$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	64.4
2	☐	5.000	4.889	6618.42	0.0007	P	6.4
3	☐	250.000	255.853	350884.24	0.0339	P	2.2
4	☐	625.000	640.375	871741.44	0.0849	P	0.6
5	☐	1250.000	1302.312	1759932.57	0.1726	A	2.4
6	☐	2500.000	2448.143	3470192.57	0.3245	A	0.9
7	☐	5000.000	5010.636	7068995.30	0.6642	A	2.5
8	☐			2922.61	0.0003	P	4.4

$$y = 1.3256\text{E-}004 * x + 6.0046\text{E-}006$$

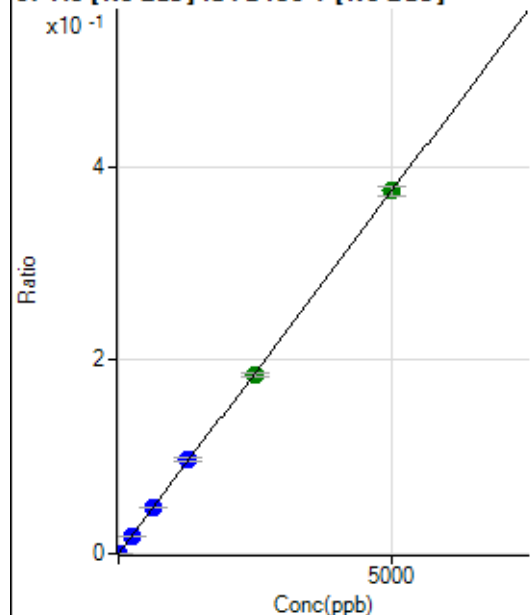
$$R = 0.9999$$

$$DL = 0.08745$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	4.580	3481.08	0.0003	P	4.5
3	☐	250.000	249.106	193082.79	0.0187	P	0.9
4	☐	625.000	633.422	487351.41	0.0475	P	0.9
5	☐	1250.000	1301.206	993638.88	0.0975	P	3.5
6	☐	2500.000	2459.980	1970778.08	0.1843	A	1.8
7	☐	5000.000	5006.201	3992138.24	0.3751	A	2.3
8	☐			1130.63	0.0001	P	7.2

$$y = 7.4926\text{E-}005 * x + 1.0802\text{E-}006$$

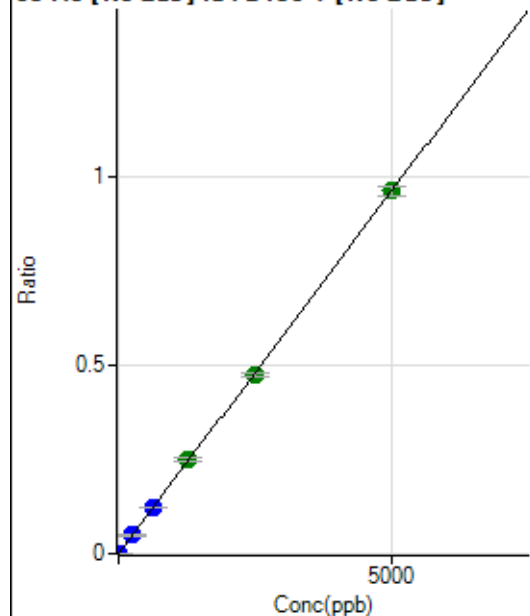
$$R = 0.9999$$

$$DL = 0.03745$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	35.2
2	☐	5.000	4.892	9570.19	0.0009	P	2.3
3	☐	250.000	253.290	504481.32	0.0488	P	1.6
4	☐	625.000	638.706	1262751.19	0.1230	P	0.6
5	☐	1250.000	1293.841	2538540.77	0.2491	A	3.8
6	☐	2500.000	2467.070	5078862.35	0.4750	A	1.5
7	☐	5000.000	5003.627	10252003.79	0.9634	A	2.8
8	☐			2833.69	0.0003	P	11.8

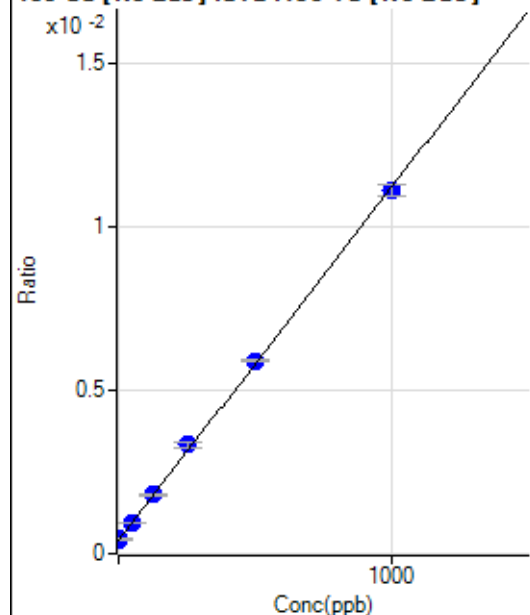
$$y = 1.9253\text{E-}004 * x + 4.0921\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02244$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2094.67	0.0004	P	0.6
2	☐	1.000	4.538	2311.37	0.0005	P	9.8
3	☐	50.000	51.535	5026.06	0.0010	P	1.3
4	☐	125.000	128.957	9206.14	0.0018	P	3.1
5	☐	250.000	270.203	16816.18	0.0033	P	4.4
6	☐	500.000	508.933	31686.95	0.0059	P	0.9
7	☐	1000.000	989.908	59824.87	0.0111	P	3.1
8	☐			2325.26	0.0004	P	2.3

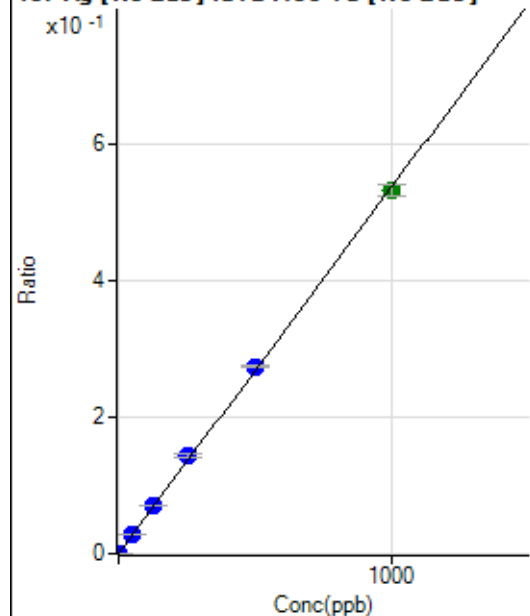
$$y = 1.0780\text{E-}005 * x + 4.0573\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.6996$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	67.4
2	☐	1.000	0.971	2672.56	0.0005	P	7.4
3	☐	50.000	51.099	143313.20	0.0274	P	2.9
4	☐	125.000	131.617	361960.65	0.0706	P	0.3
5	☐	250.000	267.026	726005.63	0.1432	P	3.1
6	☐	500.000	509.830	1470785.11	0.2735	P	1.0
7	☐	1000.000	989.946	2867934.68	0.5310	A	3.3
8	☐			736.15	0.0001	P	4.4

$$y = 5.3643\text{E-}004 * x + 4.8602\text{E-}006$$

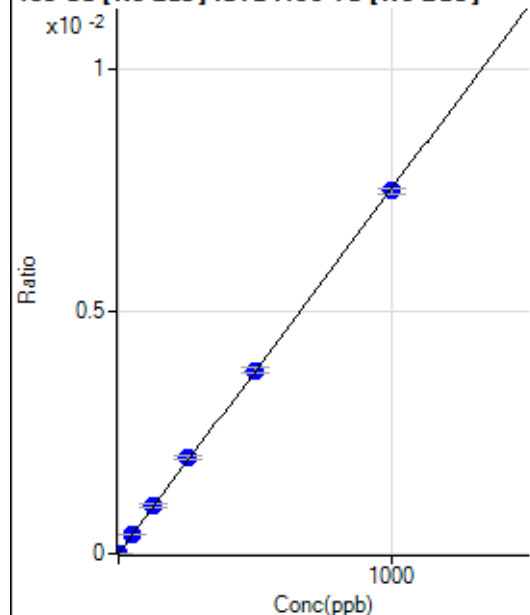
$$R = 0.9998$$

$$DL = 0.01832$$

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	20.83	0.0000	P	39.8
2	☐	1.000	1.166	65.28	0.0000	P	42.1
3	☐	50.000	51.816	2062.68	0.0004	P	3.1
4	☐	125.000	133.741	5189.93	0.0010	P	7.9
5	☐	250.000	263.422	10084.35	0.0020	P	3.0
6	☐	500.000	502.454	20388.77	0.0038	P	2.6
7	☐	1000.000	994.234	40510.79	0.0075	P	1.8
8	☐			44.44	0.0000	P	32.0

$$y = 7.5379\text{E-}006 * x + 4.0350\text{E-}006$$

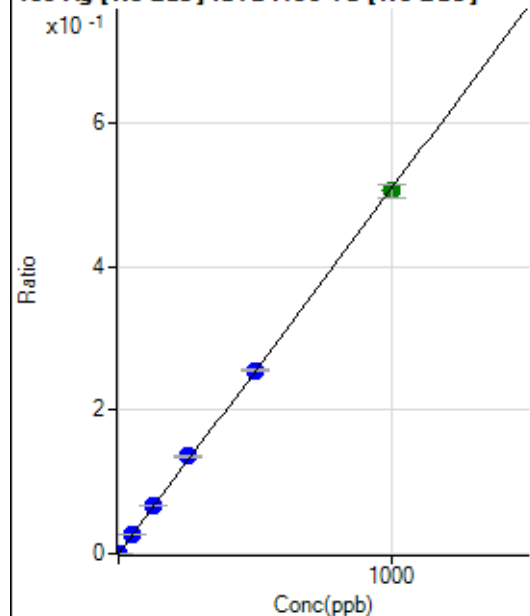
$$R = 0.9999$$

$$DL = 0.6384$$

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	22.22	0.0000	P	78.9
2	☐	1.000	0.927	2416.95	0.0005	P	3.1
3	☐	50.000	51.188	136110.73	0.0260	P	1.4
4	☐	125.000	130.060	339040.47	0.0661	P	1.2
5	☐	250.000	266.251	686154.66	0.1354	P	3.3
6	☐	500.000	502.827	1374989.40	0.2557	P	1.6
7	☐	1000.000	993.832	2729040.62	0.5054	A	3.7
8	☐			775.04	0.0001	P	6.3

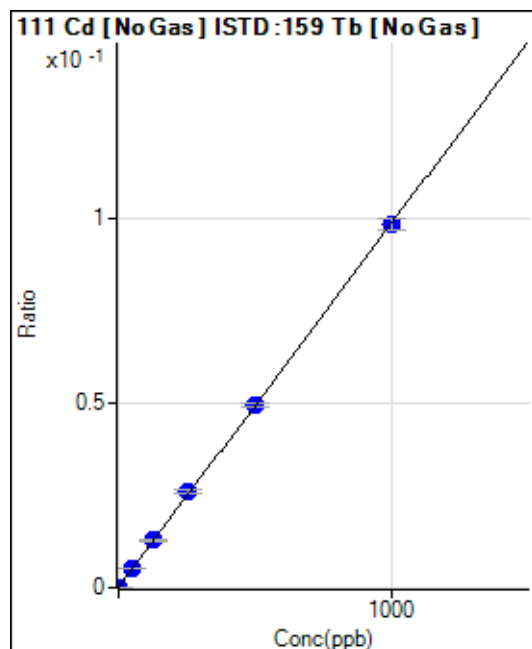
$$y = 5.0849\text{E-}004 * x + 4.3248\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.02014$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	407.13	0.0001	P	1.8
2	☐	1.000	1.187	994.38	0.0002	P	9.3
3	☐	50.000	50.437	26338.95	0.0050	P	4.0
4	☐	125.000	128.939	65410.08	0.0128	P	1.8
5	☐	250.000	262.697	131357.28	0.0259	P	2.7
6	☐	500.000	500.907	265370.01	0.0493	P	1.1
7	☐	1000.000	995.858	529414.28	0.0980	P	3.1
8	☐			629.78	0.0001	P	3.1

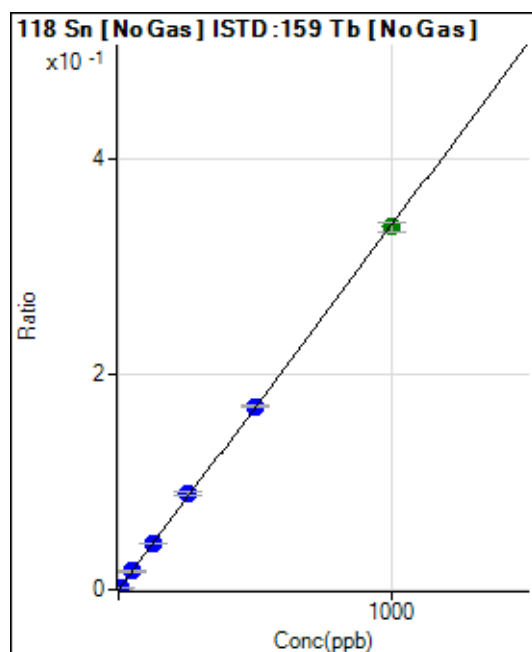
$$y = 9.8352\text{E-}005 * x + 7.8857\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04297$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0000	P	29.0
2	☐	5.000	5.061	8911.47	0.0018	P	6.3
3	☐	50.000	50.215	88922.43	0.0170	P	1.1
4	☐	125.000	127.998	221882.31	0.0433	P	0.9
5	☐	250.000	263.253	450905.47	0.0890	P	3.5
6	☐	500.000	502.375	912917.18	0.1698	P	1.5
7	☐	1000.000	995.114	1816030.51	0.3362	A	2.9
8	☐			975.06	0.0002	P	13.8

$$y = 3.3782\text{E-}004 * x + 4.3113\text{E-}005$$

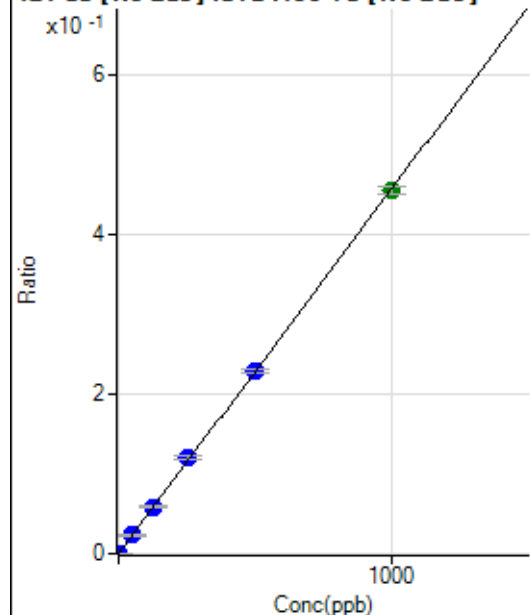
$$R = 0.9999$$

$$DL = 0.1108$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.5
2	☐	2.000	1.996	4656.47	0.0009	P	1.8
3	☐	50.000	50.314	120299.29	0.0230	P	3.0
4	☐	125.000	129.021	302504.61	0.0590	P	0.6
5	☐	250.000	264.138	612344.57	0.1208	P	2.5
6	☐	500.000	501.537	1233535.27	0.2294	P	1.2
7	☐	1000.000	995.179	2458805.09	0.4551	A	2.1
8	☐			1364.00	0.0002	P	2.6

$$y = 4.5735E-004 * x + 3.2205E-006$$

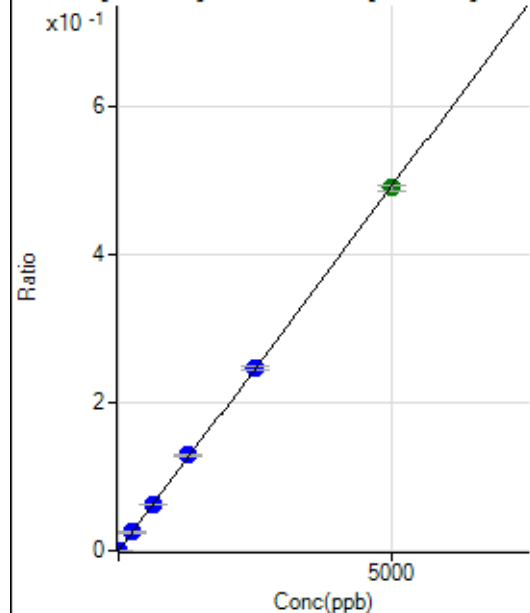
$$R = 0.9999$$

$$DL = 0.01046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	173.
2	☐	10.000	9.906	4956.59	0.0010	P	3.9
3	☐	250.000	252.798	129853.27	0.0248	P	4.3
4	☐	625.000	642.047	323441.27	0.0631	P	0.8
5	☐	1250.000	1313.439	654273.11	0.1291	P	2.1
6	☐	2500.000	2500.732	1321450.51	0.2457	P	1.9
7	☐	5000.000	4981.504	2644907.57	0.4895	A	1.4
8	☐			927.84	0.0002	P	21.8

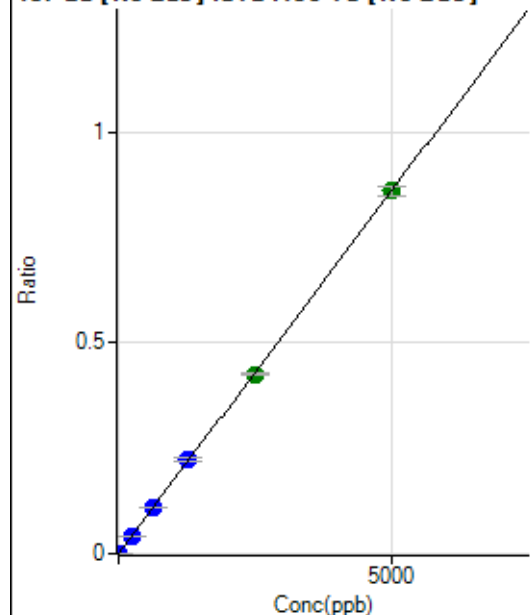
$$y = 9.8267E-005 * x + 1.6069E-006$$

$$R = 0.9999$$

$$DL = 0.08497$$

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	27.78	0.0000	P	70.2
2	☐	10.000	9.722	8530.70	0.0017	P	2.6
3	☐	250.000	248.698	223690.40	0.0428	P	2.0
4	☐	625.000	641.993	566185.14	0.1104	P	0.3
5	☐	1250.000	1295.439	1129482.64	0.2229	P	3.1
6	☐	2500.000	2473.858	2288816.67	0.4256	A	0.7
7	☐	5000.000	4999.653	4646079.62	0.8601	A	2.3
8	☐			1591.81	0.0003	P	3.7

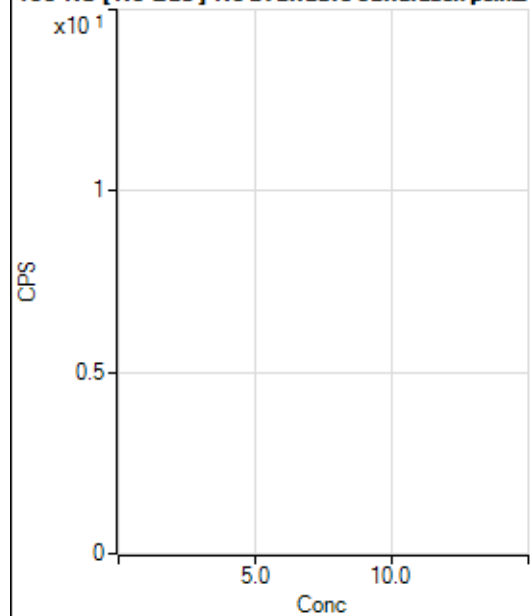
$$y = 1.7203E-004 * x + 5.4036E-006$$

$$R = 0.9999$$

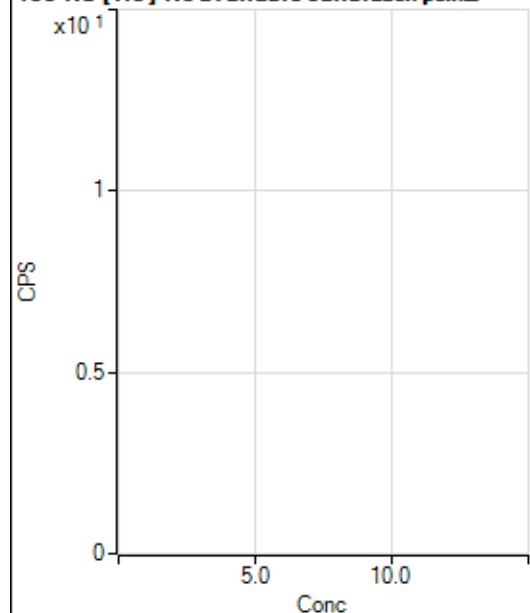
$$DL = 0.06618$$

Weight: <None>

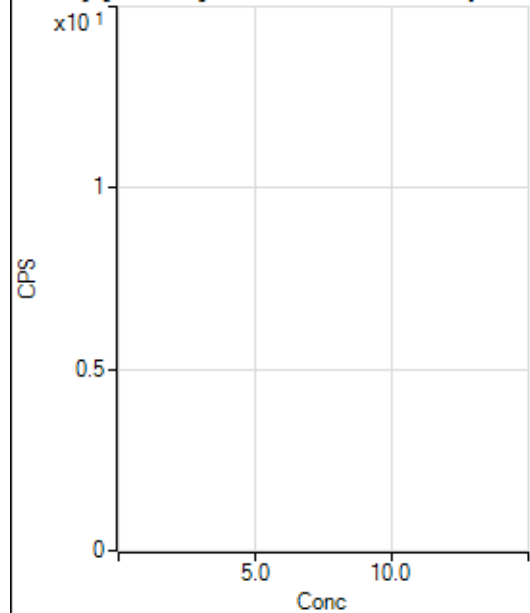
Min Conc: 0

150 Nd [No Gas] No available calibration points

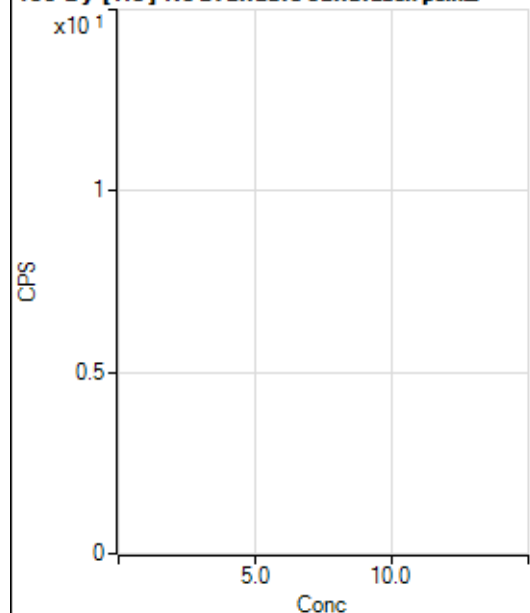
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	43.3
3	☐			22.22		P	17.3
4	☐			26.67		P	0.0
5	☐			40.00		P	44.1
6	☐			91.11		P	41.6
7	☐			128.89		P	21.5
8	☐			20.00		P	88.2

150 Nd [He] No available calibration points

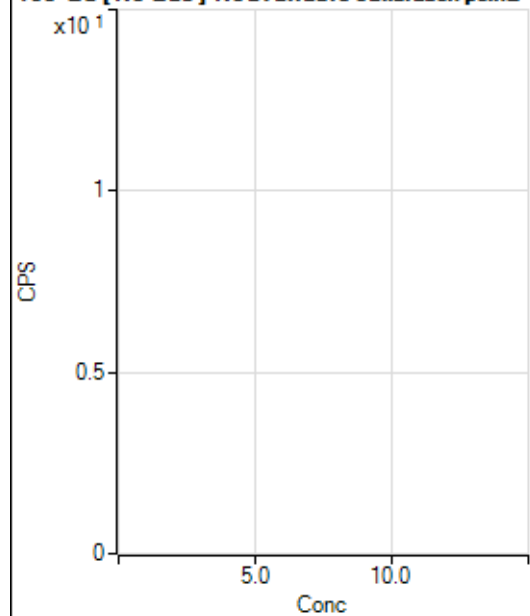
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			3.33		P	0.0
4	☐			3.33		P	100.
5	☐			5.56		P	34.7
6	☐			10.00		P	66.7
7	☐			33.33		P	17.3
8	☐			4.44		P	114.

156 Dy [No Gas] No available calibration points

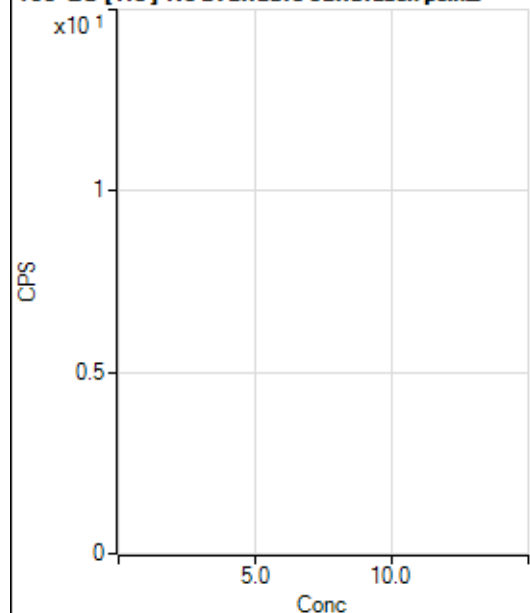
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			11.11		P	43.3
3	☐			16.67		P	50.0
4	☐			27.78		P	75.5
5	☐			50.00		P	28.9
6	☐			122.23		P	10.4
7	☐			180.56		P	11.6
8	☐			577.81		P	15.4

156 Dy [He] No available calibration points

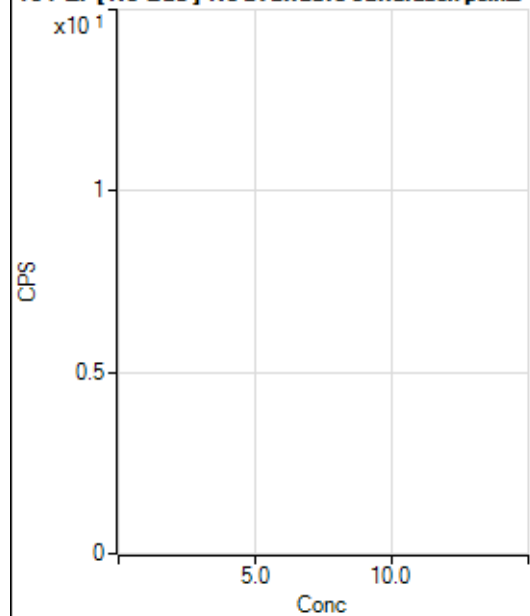
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			0.00		P	
3	☐			7.78		P	65.5
4	☐			13.33		P	66.2
5	☐			20.00		P	60.1
6	☐			33.33		P	20.0
7	☐			77.78		P	19.8
8	☐			276.67		P	22.1

160 Gd [No Gas] Noavailable calibration poin_

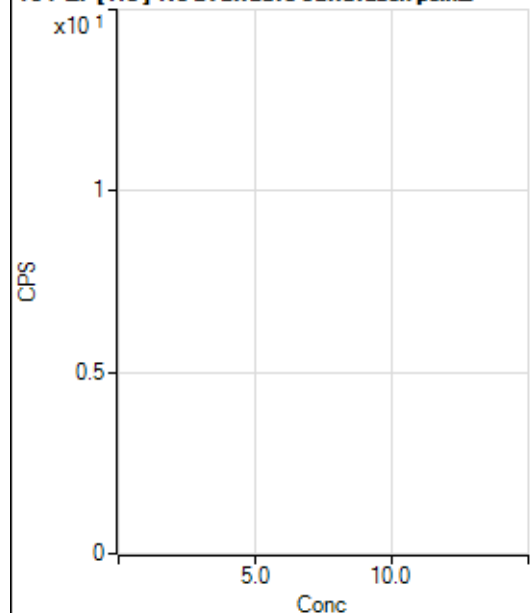
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			44.45		P	28.7
3	☐			33.33		P	25.0
4	☐			72.23		P	17.6
5	☐			77.78		P	16.4
6	☐			116.67		P	14.3
7	☐			233.34		P	17.9
8	☐			711.15		P	11.9

160 Gd [He] No available calibration points

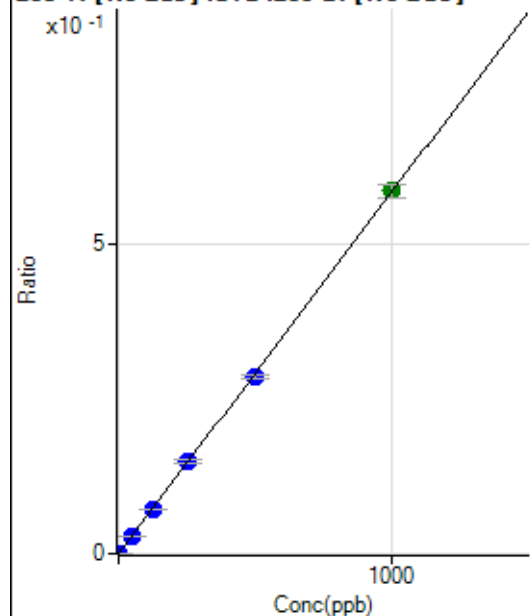
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			15.55		P	68.9
3	☐			25.56		P	32.8
4	☐			17.78		P	10.8
5	☐			45.56		P	25.7
6	☐			56.67		P	17.6
7	☐			106.67		P	36.0
8	☐			314.45		P	18.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	72.7
2	☐			30.56		P	83.3
3	☐			33.33		P	43.3
4	☐			52.78		P	24.1
5	☐			27.78		P	34.6
6	☐			36.11		P	26.7
7	☐			72.22		P	52.0
8	☐			72.23		P	17.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			5.56		P	34.7
3	☐			10.00		P	66.7
4	☐			13.33		P	25.0
5	☐			7.78		P	24.7
6	☐			20.00		P	33.4
7	☐			31.11		P	43.3
8	☐			56.67		P	32.7

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	11.0
2	☐	1.000	0.980	1633.50	0.0006	P	9.8
3	☐	50.000	49.468	81065.26	0.0288	P	2.8
4	☐	125.000	122.848	200803.72	0.0716	P	1.0
5	☐	250.000	255.434	407451.09	0.1488	P	3.3
6	☐	500.000	489.421	828935.10	0.2851	P	2.7
7	☐	1000.000	1004.227	1686068.68	0.5850	A	3.9
8	☐			122.23	0.0000	P	30.5

$$y = 5.8256E-004 * x + 1.3952E-005$$

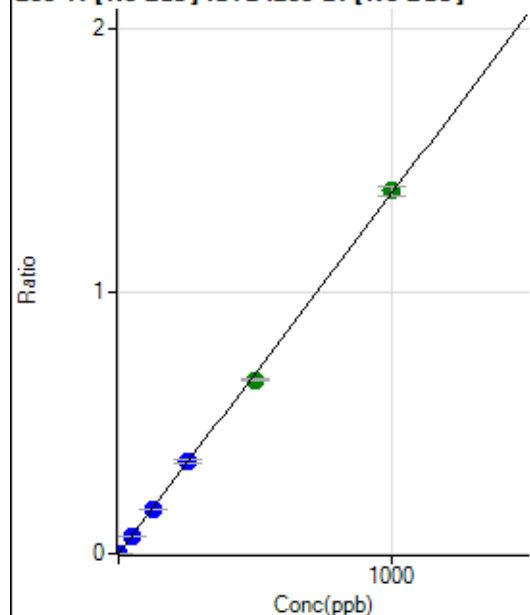
$$R = 0.9999$$

$$DL = 0.007925$$

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	91.67	0.0000	P	17.6
2	☐	1.000	1.016	3986.84	0.0014	P	3.2
3	☐	50.000	49.751	192264.15	0.0684	P	2.0
4	☐	125.000	124.054	478135.18	0.1704	P	1.0
5	☐	250.000	256.256	963810.63	0.3520	P	4.0
6	☐	500.000	482.995	1929062.96	0.6635	A	1.4
7	☐	1000.000	1007.069	3988038.20	1.3834	A	2.5
8	☐			336.13	0.0001	P	19.8

$$y = 0.0014 * x + 3.2894E-005$$

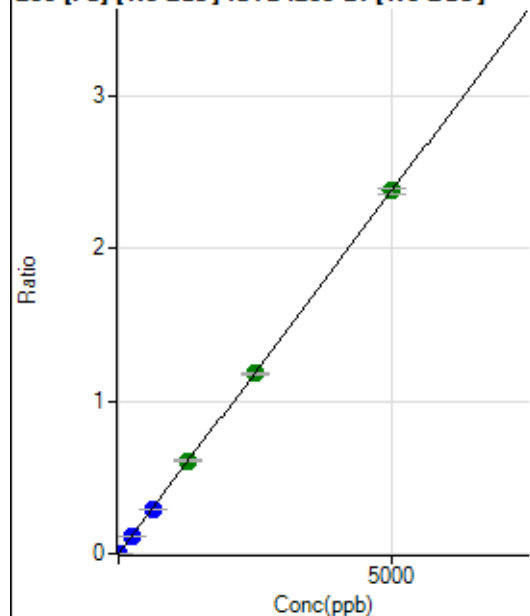
$$R = 0.9998$$

$$DL = 0.01262$$

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	81.48	0.0000	P	28.0
2	☐	1.000	0.967	1364.91	0.0005	P	4.7
3	☐	250.000	244.800	327170.14	0.1164	P	2.2
4	☐	625.000	616.032	821350.37	0.2928	P	0.8
5	☐	1250.000	1283.729	1670657.30	0.6101	A	2.2
6	☐	2500.000	2480.792	3427756.01	1.1789	A	1.7
7	☐	5000.000	5002.553	6854256.75	2.3772	A	1.6
8	☐			14020.78	0.0050	P	1.3

$$y = 4.7520E-004 * x + 2.9306E-005$$

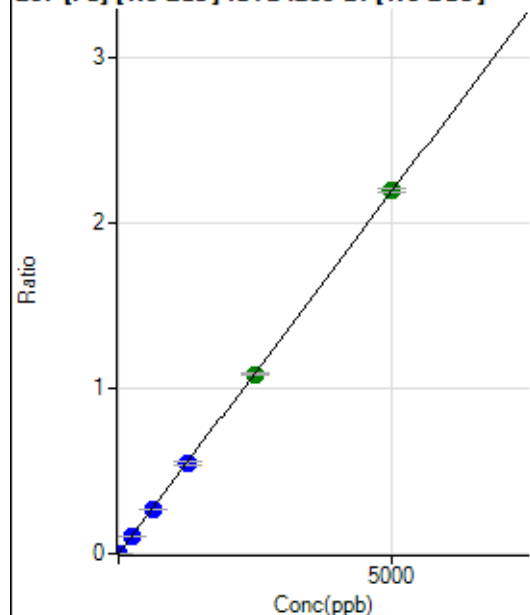
$$R = 1.0000$$

$$DL = 0.05189$$

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	62.97	0.0000	P	29.9
2	☐	1.000	0.873	1125.99	0.0004	P	11.5
3	☐	250.000	241.823	296975.11	0.1056	P	1.4
4	☐	625.000	605.951	742298.77	0.2646	P	0.2
5	☐	1250.000	1241.268	1483737.13	0.5420	P	3.9
6	☐	2500.000	2479.920	3148154.53	1.0828	A	1.4
7	☐	5000.000	5015.013	6314393.20	2.1897	A	1.0
8	☐			12346.81	0.0044	P	3.3

$$y = 4.3663\text{E-}004 * x + 2.2676\text{E-}005$$

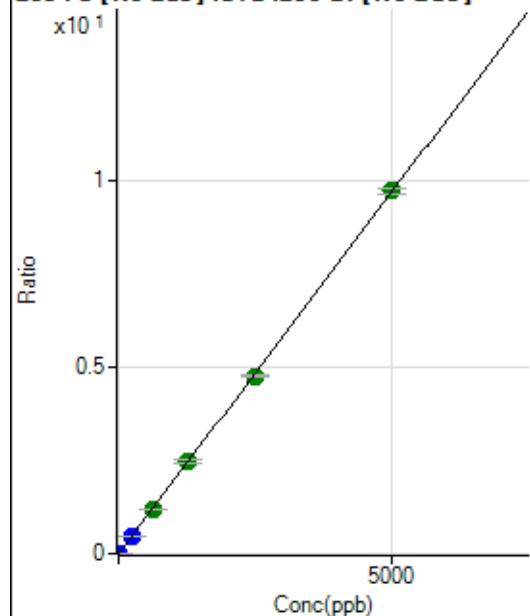
$$R = 1.0000$$

$$DL = 0.04666$$

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	283.34	0.0001	P	24.3
2	☐	1.000	0.936	5356.09	0.0019	P	4.2
3	☐	250.000	243.714	1329651.67	0.4729	P	2.3
4	☐	625.000	616.240	3353964.86	1.1956	A	0.5
5	☐	1250.000	1272.887	6760744.68	2.4694	A	3.5
6	☐	2500.000	2451.019	13824683.73	4.7549	A	1.3
7	☐	5000.000	5020.178	28079418.69	9.7390	A	1.9
8	☐			56365.53	0.0200	P	2.7

$$y = 0.0019 * x + 1.0205\text{E-}004$$

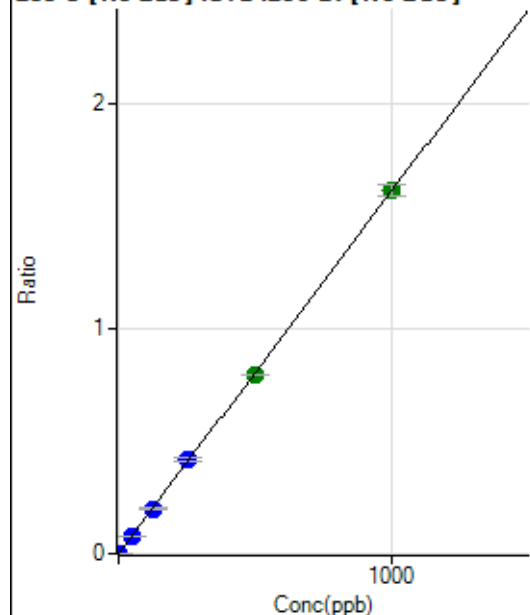
$$R = 0.9999$$

$$DL = 0.03841$$

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	22.22	0.0000	P	58.4
2	☐	1.000	0.928	4189.70	0.0015	P	4.3
3	☐	50.000	49.001	221737.44	0.0789	P	1.8
4	☐	125.000	124.634	562643.84	0.2006	P	0.8
5	☐	250.000	259.794	1144456.96	0.4180	P	3.7
6	☐	500.000	493.445	2308445.80	0.7940	A	0.8
7	☐	1000.000	1000.925	4642203.14	1.6106	A	3.4
8	☐			438.91	0.0002	P	14.0

$$y = 0.0016 * x + 8.0346E-006$$

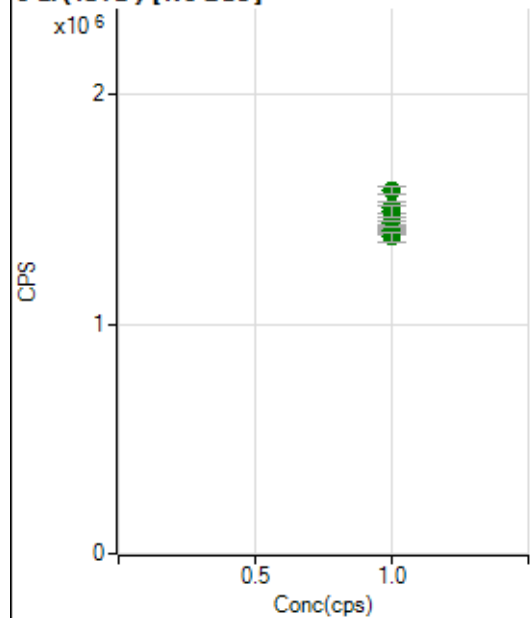
$$R = 0.9999$$

$$DL = 0.008751$$

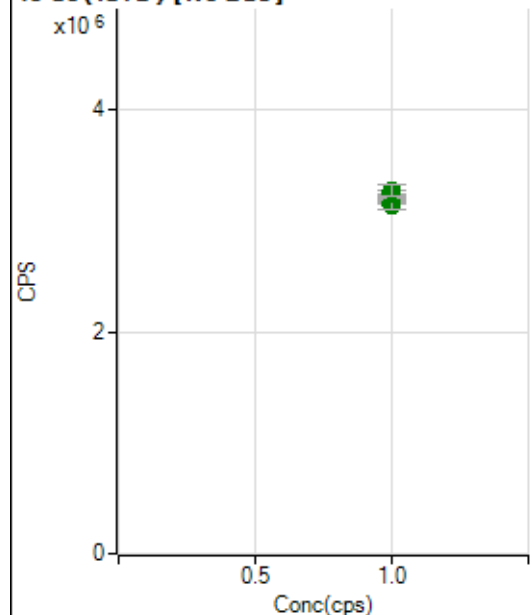
Weight: <None>

Min Conc: 0

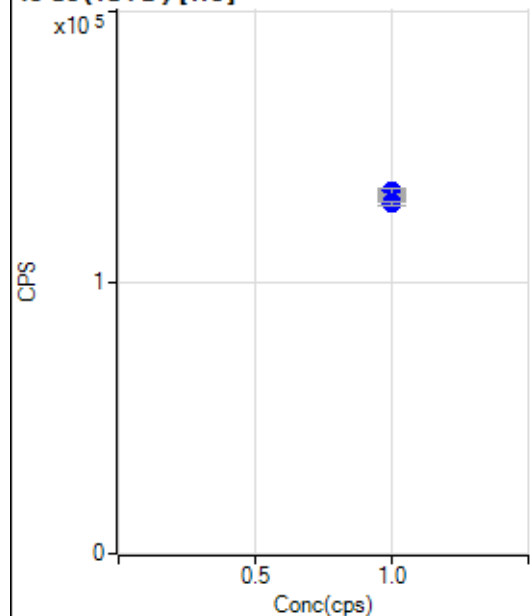
6 Li (ISTD) [No Gas]



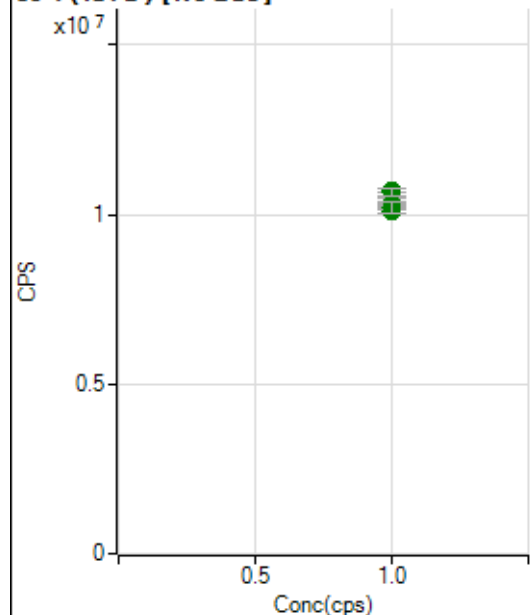
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1434001.56		A	1.6
2	☐	1.000		1410715.54		A	0.7
3	☐	1.000		1437956.28		A	1.3
4	☐	1.000		1405965.43		A	2.5
5	☐	1.000		1380072.68		A	3.1
6	☐	1.000		1506230.65		A	3.2
7	☐	1.000		1486581.78		A	3.3
8	☐	1.000		1579707.23		A	2.2

45 Sc (ISTD) [No Gas]

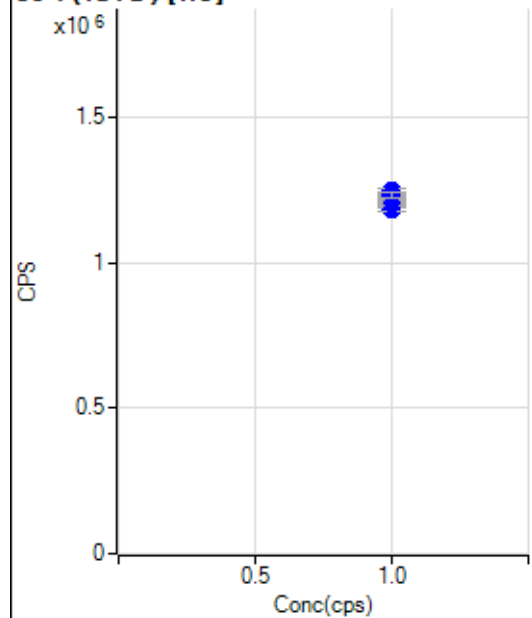
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3144678.57		A	2.1
2	☐	1.000		3164686.20		A	1.0
3	☐	1.000		3169978.05		A	1.1
4	☐	1.000		3225250.33		A	0.5
5	☐	1.000		3160131.00		A	4.0
6	☐	1.000		3263101.62		A	1.0
7	☐	1.000		3245676.24		A	2.3
8	☐	1.000		3272148.56		A	3.1

45 Sc (ISTD) [He]

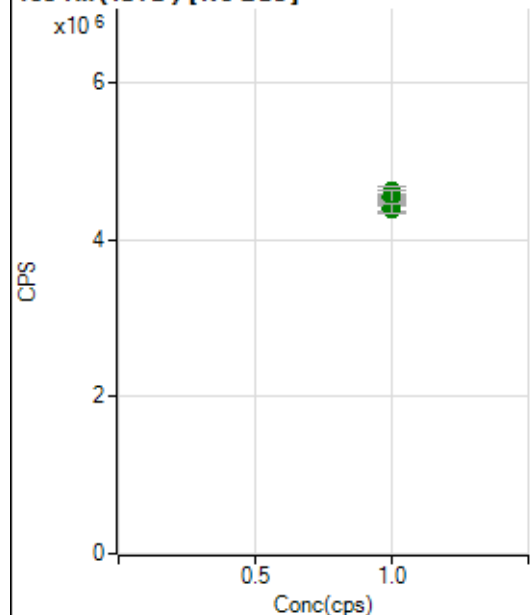
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		129362.08		P	1.5
2	☐	1.000		130711.83		P	1.0
3	☐	1.000		131919.35		P	1.3
4	☐	1.000		133628.52		P	0.4
5	☐	1.000		132218.21		P	0.8
6	☐	1.000		133538.21		P	1.7
7	☐	1.000		129870.54		P	0.3
8	☐	1.000		128903.12		P	0.9

89 Y (ISTD) [No Gas]

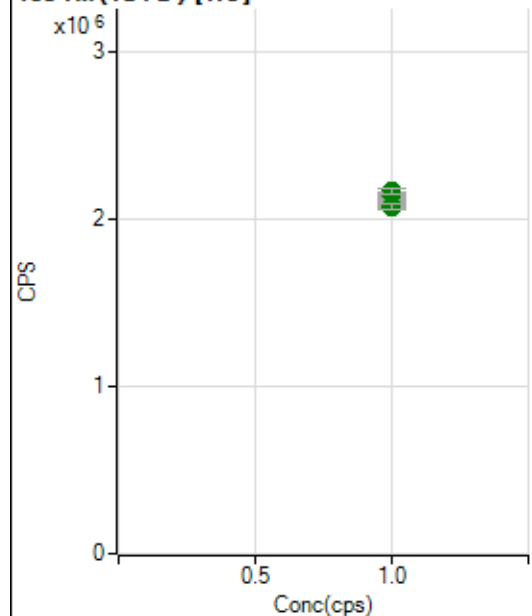
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10200690.54		A	1.5
2	☐	1.000		10115877.90		A	1.3
3	☐	1.000		10344553.04		A	0.5
4	☐	1.000		10268474.85		A	0.2
5	☐	1.000		10199093.32		A	3.3
6	☐	1.000		10693641.57		A	1.1
7	☐	1.000		10647364.29		A	2.7
8	☐	1.000		10649948.73		A	2.5

89 Y (ISTD) [He]

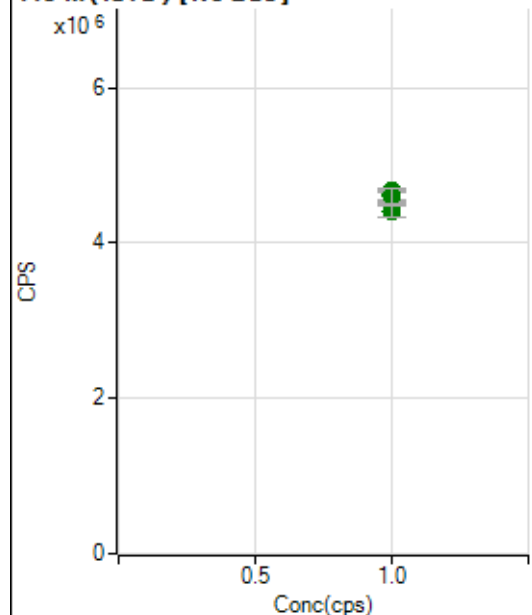
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1185347.42		P	0.9
2	☐	1.000		1201582.88		P	0.8
3	☐	1.000		1215858.08		P	0.3
4	☐	1.000		1231676.27		P	0.5
5	☐	1.000		1232565.10		P	1.8
6	☐	1.000		1248455.90		P	1.1
7	☐	1.000		1220136.38		P	0.4
8	☐	1.000		1235510.17		P	1.4

103 Rh (ISTD) [No Gas]

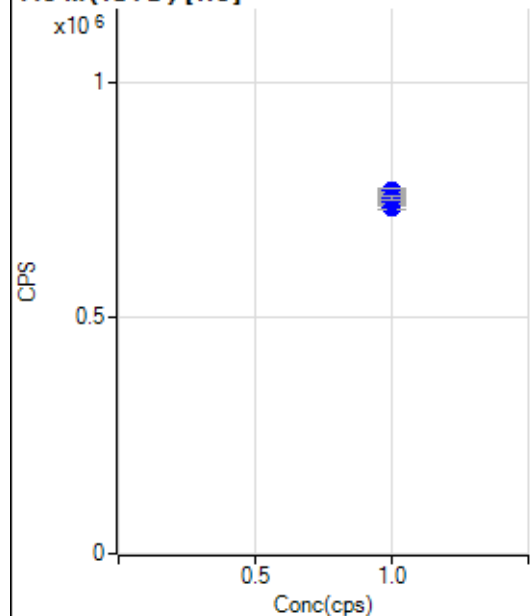
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4481646.58		A	1.4
2	☐	1.000		4496728.27		A	1.1
3	☐	1.000		4540203.05		A	1.0
4	☐	1.000		4449537.86		A	0.9
5	☐	1.000		4417483.87		A	2.6
6	☐	1.000		4623332.83		A	2.0
7	☐	1.000		4553224.01		A	3.7
8	☐	1.000		4389655.17		A	2.7

103 Rh (ISTD) [He]

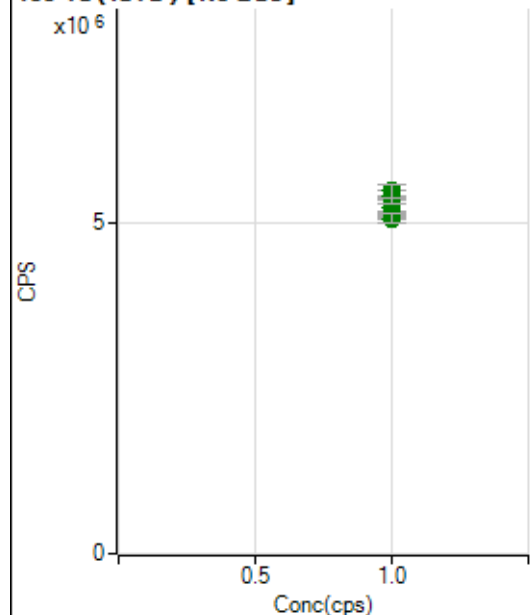
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2074229.08		A	0.8
2	☐	1.000		2112670.77		A	1.5
3	☐	1.000		2130755.28		A	0.3
4	☐	1.000		2146488.68		A	1.3
5	☐	1.000		2135391.83		A	2.0
6	☐	1.000		2166593.20		A	1.5
7	☐	1.000		2070646.43		A	0.9
8	☐	1.000		2073781.98		A	1.7

115 In (ISTD) [No Gas]

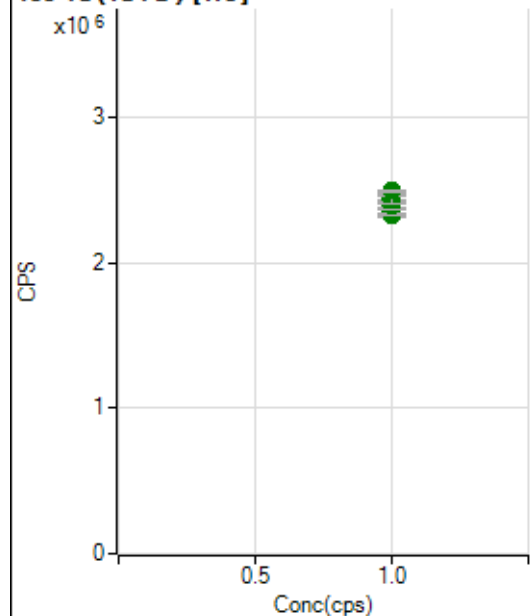
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4533588.93		A	1.0
2	☐	1.000		4520471.92		A	1.3
3	☐	1.000		4624793.79		A	2.9
4	☐	1.000		4507711.23		A	0.8
5	☐	1.000		4398413.39		A	3.1
6	☐	1.000		4668129.98		A	0.5
7	☐	1.000		4617854.39		A	2.3
8	☐	1.000		4598588.23		A	4.0

115 In (ISTD) [He]

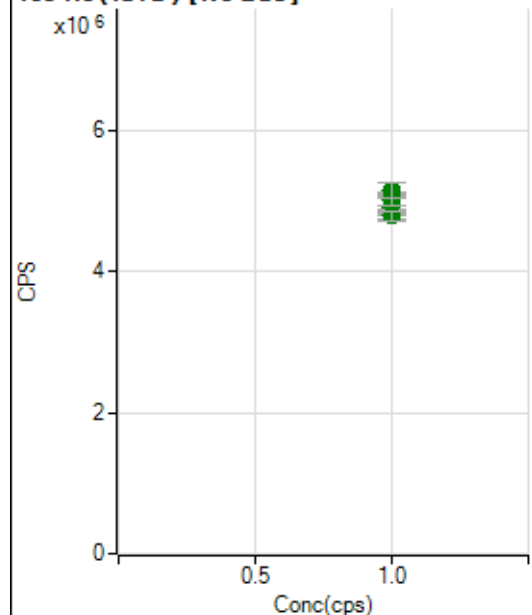
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		733344.96		P	0.8
2	☐	1.000		746753.27		P	0.7
3	☐	1.000		753993.84		P	0.2
4	☐	1.000		760557.01		P	0.2
5	☐	1.000		765897.50		P	1.0
6	☐	1.000		769275.71		P	0.9
7	☐	1.000		747109.11		P	0.9
8	☐	1.000		752808.05		P	1.2

159 Tb (ISTD) [No Gas]

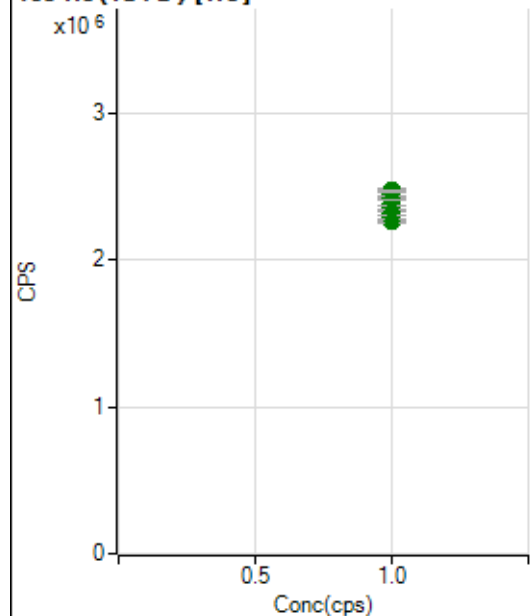
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5162557.95		A	0.9
2	☐	1.000		5083947.08		A	0.4
3	☐	1.000		5229385.51		A	2.2
4	☐	1.000		5126393.29		A	0.6
5	☐	1.000		5071209.12		A	2.8
6	☐	1.000		5378235.51		A	1.2
7	☐	1.000		5404864.05		A	3.5
8	☐	1.000		5491864.02		A	3.5

159 Tb (ISTD) [He]

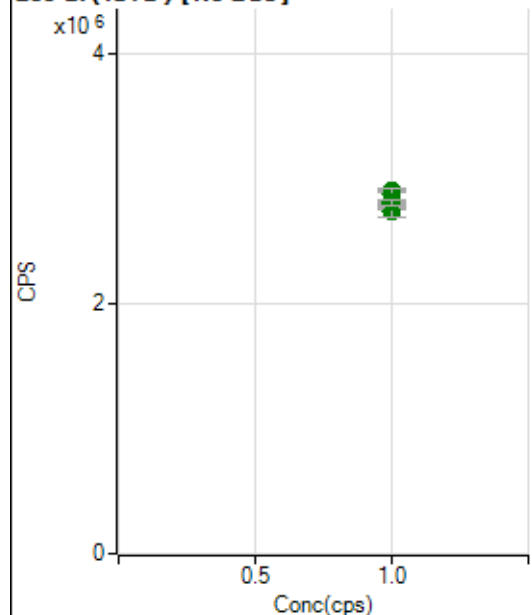
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2318256.79		A	0.8
2	☐	1.000		2349700.89		A	2.0
3	☐	1.000		2336478.21		A	0.6
4	☐	1.000		2388975.10		A	1.0
5	☐	1.000		2389807.60		A	2.6
6	☐	1.000		2446487.26		A	1.4
7	☐	1.000		2432681.60		A	2.3
8	☐	1.000		2491899.56		A	0.5

165 Ho (ISTD) [No Gas]

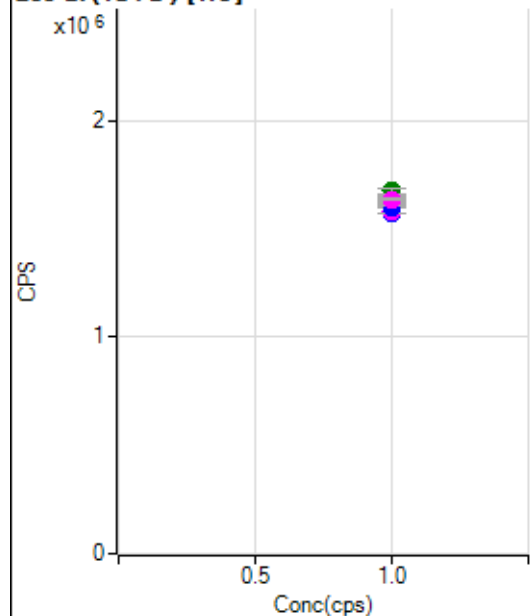
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4895238.95		A	1.1
2	☐	1.000		4836208.31		A	1.4
3	☐	1.000		4885393.77		A	0.2
4	☐	1.000		4787121.37		A	1.6
5	☐	1.000		4782340.73		A	2.6
6	☐	1.000		5095301.20		A	1.4
7	☐	1.000		5026066.09		A	3.2
8	☐	1.000		5140262.27		A	4.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2264797.80		A	0.7
2	☐	1.000		2295713.26		A	1.0
3	☐	1.000		2324716.09		A	1.2
4	☐	1.000		2354371.04		A	0.9
5	☐	1.000		2390302.32		A	1.3
6	☐	1.000		2456135.69		A	3.1
7	☐	1.000		2424164.06		A	0.8
8	☐	1.000		2471941.39		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2784459.79		A	1.8
2	☐	1.000		2790518.99		A	1.7
3	☐	1.000		2812364.30		A	1.5
4	☐	1.000		2805377.28		A	0.6
5	☐	1.000		2739679.34		A	3.0
6	☐	1.000		2907436.38		A	0.7
7	☐	1.000		2884264.64		A	3.3
8	☐	1.000		2813815.27		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1573542.30		P	0.1
2	☐	1.000		1585390.90		M	1.8
3	☐	1.000		1601428.20		P	0.1
4	☐	1.000		1613259.37		P	0.5
5	☐	1.000		1647121.97		M	0.6
6	☐	1.000		1641872.01		A	1.5
7	☐	1.000		1676706.04		A	1.6
8	☐	1.000		1637579.19		M	0.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8030521MS.b
Acq. Date-Time 2021-03-05 12:01:01
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		4078	40783.39			0.913	5.000
24		53705	537051.21			1.329	5.000
25		7359	73594.26			1.332	5.000
26		8259	82585.14			1.265	5.000
59		9167	91670.60			1.407	5.000
113		4005	40050.57			1.494	5.000
115		12458	124581.39			1.096	5.000
206		4859	48591.64			1.230	5.000
207		4042	40422.67			2.050	5.000
208		9963	99625.93			1.199	5.000
220		1	9.70			20.163	

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

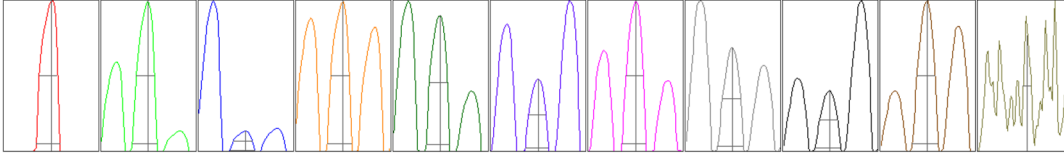
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4040	4048	4127	4069	4107
24	52730	53231	54312	53863	54390
25	7239	7329	7414	7320	7495
26	8096	8210	8323	8321	8342
59	8980	9083	9249	9254	9269
113	3927	3955	4048	4058	4037
115	12244	12411	12582	12558	12496
206	4773	4822	4914	4885	4903
207	3958	3966	4137	4034	4116
208	9819	9857	10079	9992	10067

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7420.82	9.05	8.90 - 9.10	
24	98997.39	24.00	23.90 - 24.10	
25	13187.12	25.00	24.90 - 25.10	
26	14925.45	26.00	25.90 - 26.10	
59	17049.80	59.00	58.90 - 59.10	
113	7673.39	113.05	112.90 - 113.10	
115	24063.88	115.05	114.90 - 115.10	
206	8871.61	206.00	205.90 - 206.10	
207	7390.29	207.00	206.90 - 207.10	
208	18306.67	208.00	207.90 - 208.10	
220	1.55	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.739	0.900	
24	0.57	0.784	0.900	
25	0.60	0.781	0.900	
26	0.59	0.783	0.900	
59	0.57	0.738	0.900	
113	0.54	0.733	0.900	
115	0.53	0.765	0.900	
206	0.58	0.815	0.900	
207	0.57	0.820	0.900	
208	0.57	0.822	0.900	
220	0.27			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.47 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	11.6 V	Deflect	16.2 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	121	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2146	21463.62			0.706	
89		11494	114943.12			0.409	
205		4037	40367.57			1.384	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2162	2135	2134	2137	2164
89	11550	11479	11423	11508	11511
205	4126	4020	3974	4043	4020

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.47 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	11.6 V	Deflect	5.2 V
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US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	121	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.0 mV	Analog HV	2190 V	Pulse HV	1356 V

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	1.26	-0.77	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	135-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.03	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	0.22	0.09	-0.31	0.00	N/A	ppb
Boron	11-1	0.10	0.09	-0.19	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.18	0.08	-0.26	0.00	N/A	ppb
Cadmium	108-1	0.21	-0.22	0.01	0.00	N/A	ppb
Calcium	43-1	1.83	-0.78	-1.05	0.00	N/A	ppb
Calcium	44-1	-0.15	-1.90	2.04	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.05	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.20	0.08	0.12	0.00	N/A	ppb
Iron	57-2	1.76	1.62	-3.37	0.00	N/A	ppb
Iron	54-2	3.00	-1.36	-1.64	0.00	N/A	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.02	-0.01	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	-0.90	-0.27	1.17	0.00	N/A	ppb
Manganese	55-2	-0.10	0.02	0.08	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.03	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	0.04	0.00	N/A	ppb
Phosphorus	31-2	1.61	-22.74	34.17	4.35	656.68	ppb
Potassium	39-2	5.39	2.72	-8.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.43	-0.16	0.59	0.00	N/A	ppb
Selenium	77-2	0.88	0.86	-1.74	0.00	N/A	ppb
Selenium	78-2	-1.71	-0.06	1.76	0.00	N/A	ppb
Silicon	28-1	-5.58	-12.74	18.32	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	-5.68	3.62	2.06	0.00	N/A	ppb
Strontium	86-1	0.33	-0.09	-0.24	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-330.48	-924.42	1127.76	-42.38		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	-0.04	0.00	0.04	0.00	N/A	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.05	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.31	0.26	0.04	0.00	N/A	ppb
Zirconium	90-1	-0.02	0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.05	0.02	0.02	0.00	N/A	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:47:07 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.92	20.43	20.98	19.78	8.25	ppb
Antimony	121-1	1.96	2.00	2.03	2.00	1.83	ppb
Arsenic	75-2	1.10	1.02	0.74	0.95	20.01	ppb
Barium	135-1	9.77	9.60	10.34	9.91	3.89	ppb
Barium	137-1	9.50	9.99	9.67	9.72	2.58	ppb
Beryllium	9-1	1.06	0.92	0.98	0.99	7.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.88	27.64	26.96	26.49	5.43	ppb
Boron	11-1	24.28	25.58	26.71	25.53	4.77	ppb
Bromine	81-1						cps
Cadmium	111-1	1.35	0.99	1.23	1.19	15.66	ppb
Cadmium	106-1	7.97	5.68	-0.03	4.54	90.79	ppb
Cadmium	108-1	0.56	1.96	0.99	1.17	61.45	ppb
Calcium	43-1	484.31	482.20	483.13	483.21	0.22	ppb
Calcium	44-1	483.10	485.78	481.95	483.61	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	2.01	2.02	1.98	3.65	ppb
Cobalt	59-2	1.02	0.99	1.03	1.01	2.15	ppb
Copper	63-2	1.82	1.86	2.01	1.89	5.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	49.76	50.60	53.85	51.40	4.21	ppb
Iron	57-2	48.67	50.57	47.02	48.75	3.64	ppb
Iron	54-2	52.66	47.34	56.49	52.16	8.81	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:47:07	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.97	1.02	0.97	4.99	ppb
Lead	207-1	0.97	0.88	0.76	0.87	12.15	ppb
Lead	208-1	0.89	0.96	0.96	0.94	4.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	509.14	507.09	505.39	507.21	0.37	ppb
Manganese	55-2	0.98	0.96	0.95	0.96	1.65	ppb
Molybdenum	94-1	4.82	4.90	5.00	4.91	1.86	ppb
Molybdenum	95-1	4.90	5.28	4.82	5.00	4.92	ppb
Molybdenum	96-1	4.69	4.72	5.25	4.89	6.47	ppb
Molybdenum	97-1	4.74	4.34	4.65	4.58	4.56	ppb
Molybdenum	98-1	4.80	5.02	4.86	4.89	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.17	1.28	1.19	5.99	ppb
Phosphorus	31-2	1.67	8.51	-23.23	-4.35		ppb
Potassium	39-2	504.07	496.53	518.18	506.26	2.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	4.34	5.64	3.60	4.53	22.82	ppb
Selenium	77-2	0.79	-4.42	0.82	-0.94		ppb
Selenium	78-2	9.49	4.98	7.46	7.31	30.88	ppb
Silicon	28-1	-6.05	6.89	-14.35	-4.50		ppb
Silver	107-1	0.89	1.00	1.03	0.97	7.43	ppb
Silver	109-1	0.96	0.90	0.93	0.93	3.13	ppb
Sodium	23-2	498.56	496.63	507.18	500.79	1.12	ppb
Strontium	86-1	0.70	0.69	0.92	0.77	16.79	ppb
Strontium	88-1	1.07	1.03	1.03	1.04	1.95	ppb
Sulfur	34-1	560.66	-181.60	-251.92	42.38	1062.36	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.03	0.87	1.05	0.98	10.07	ppb
Thallium	205-1	0.99	1.05	1.01	1.02	3.24	ppb
Tin	118-1	4.88	4.87	5.44	5.06	6.42	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:47:07	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.29	4.90	4.43	4.87	8.82	ppb
Uranium	238-1	0.92	0.89	0.97	0.93	4.32	ppb
Vanadium	51-2	4.76	5.05	4.86	4.89	3.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1.91	1.72	1.88	1.84	5.53	ppb
Zirconium	90-1	0.96	1.09	1.05	1.03	6.20	ppb
Zirconium	91-1	1.22	1.04	1.00	1.09	10.63	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:50:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.99	1004.84	1039.83	1014.89	2.14	ppb
Antimony	121-1	51.76	48.76	50.42	50.31	2.99	ppb
Arsenic	75-2	50.42	48.81	49.82	49.69	1.63	ppb
Barium	135-1	253.73	241.46	263.21	252.80	4.31	ppb
Barium	137-1	252.43	243.13	250.54	248.70	1.98	ppb
Beryllium	9-1	51.00	50.02	50.87	50.63	1.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	46.78	49.90	52.30	49.66	5.58	ppb
Boron	11-1	47.32	49.84	54.60	50.58	7.30	ppb
Bromine	81-1						cps
Cadmium	111-1	51.36	48.08	51.87	50.44	4.07	ppb
Cadmium	106-1	52.86	50.69	51.05	51.54	2.25	ppb
Cadmium	108-1	52.86	49.93	52.66	51.82	3.17	ppb
Calcium	43-1	5115.71	4943.50	5128.58	5062.60	2.04	ppb
Calcium	44-1	5105.47	5055.88	5160.24	5107.20	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.41	49.39	49.52	49.44	0.14	ppb
Cobalt	59-2	49.88	50.23	51.35	50.49	1.52	ppb
Copper	63-2	515.91	512.88	524.70	517.83	1.19	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				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2624.19	2604.47	2586.10	2604.92	0.73	ppb
Iron	57-2	2530.50	2535.23	2511.43	2525.72	0.50	ppb
Iron	54-2	2631.54	2610.76	2665.28	2635.86	1.04	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:50:17	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	240.38	243.07	250.94	244.80	2.24	ppb
Lead	207-1	239.14	240.68	245.65	241.82	1.41	ppb
Lead	208-1	238.48	242.97	249.69	243.71	2.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	5263.00	5333.44	5415.95	5337.46	1.43	ppb
Manganese	55-2	499.37	501.86	503.50	501.58	0.41	ppb
Molybdenum	94-1	252.82	256.85	259.05	256.24	1.23	ppb
Molybdenum	95-1	249.26	257.07	259.52	255.28	2.10	ppb
Molybdenum	96-1	251.29	253.99	262.28	255.85	2.24	ppb
Molybdenum	97-1	247.78	247.86	251.67	249.11	0.89	ppb
Molybdenum	98-1	254.95	248.76	256.16	253.29	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.78	52.06	51.28	51.04	2.27	ppb
Phosphorus	31-2	1078.81	1034.62	973.22	1028.88	5.15	ppb
Potassium	39-2	2575.89	2656.43	2626.54	2619.62	1.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	50.65	51.29	50.97	50.97	0.62	ppb
Selenium	77-2	73.58	60.18	70.61	68.12	10.33	ppb
Selenium	78-2	51.58	54.73	47.31	51.20	7.27	ppb
Silicon	28-1	51.51	50.55	67.38	56.48	16.74	ppb
Silver	107-1	51.62	49.41	52.26	51.10	2.93	ppb
Silver	109-1	51.90	50.52	51.14	51.19	1.35	ppb
Sodium	23-2	5135.10	5274.70	5281.33	5230.38	1.58	ppb
Strontium	86-1	50.89	50.64	51.23	50.92	0.58	ppb
Strontium	88-1	51.56	51.52	52.40	51.82	0.96	ppb
Sulfur	34-1	389.26	492.11	1324.14	735.17	69.73	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	48.50	48.86	51.05	49.47	2.79	ppb
Thallium	205-1	48.60	50.33	50.33	49.75	2.01	ppb
Tin	118-1	50.33	49.61	50.70	50.22	1.10	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:50:17	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.61	253.31	262.73	255.88	2.34	ppb
Uranium	238-1	47.99	49.43	49.59	49.00	1.80	ppb
Vanadium	51-2	49.88	50.45	49.05	49.79	1.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	503.97	500.14	504.99	503.03	0.51	ppb
Zirconium	90-1	49.47	50.23	51.79	50.50	2.34	ppb
Zirconium	91-1	49.55	51.74	51.00	50.76	2.20	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:53:26 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2478.36	2453.84	2513.00	2481.73	1.20	ppb
Antimony	121-1	129.50	129.50	128.06	129.02	0.64	ppb
Arsenic	75-2	124.06	123.17	124.40	123.88	0.51	ppb
Barium	135-1	637.45	647.68	641.01	642.05	0.81	ppb
Barium	137-1	639.80	643.86	642.31	641.99	0.32	ppb
Beryllium	9-1	129.69	124.86	130.76	128.44	2.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	117.37	122.63	133.35	124.45	6.54	ppb
Boron	11-1	120.78	122.06	137.04	126.63	7.14	ppb
Bromine	81-1						cps
Cadmium	111-1	131.52	128.51	126.79	128.94	1.86	ppb
Cadmium	106-1	134.10	123.72	129.05	128.96	4.02	ppb
Cadmium	108-1	133.83	123.15	144.24	133.74	7.89	ppb
Calcium	43-1	12402.36	12336.89	12575.04	12438.10	0.99	ppb
Calcium	44-1	12574.94	12796.76	13094.31	12822.01	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.00	122.31	123.88	123.40	0.76	ppb
Cobalt	59-2	122.85	123.83	123.47	123.38	0.40	ppb
Copper	63-2	1272.23	1276.17	1273.13	1273.84	0.16	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				98		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	6393.15	6334.21	6399.70	6375.69	0.57	ppb
Iron	57-2	6303.49	6265.74	6459.46	6342.90	1.62	ppb
Iron	54-2	6408.84	6424.03	6516.40	6449.76	0.90	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:53:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	617.93	610.18	619.98	616.03	0.84	ppb
Lead	207-1	605.69	607.16	605.00	605.95	0.18	ppb
Lead	208-1	613.44	619.25	616.03	616.24	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	13190.36	13137.86	13177.94	13168.72	0.21	ppb
Manganese	55-2	1223.93	1233.09	1223.64	1226.88	0.44	ppb
Molybdenum	94-1	644.61	640.43	640.56	641.87	0.37	ppb
Molybdenum	95-1	637.32	645.37	636.25	639.64	0.78	ppb
Molybdenum	96-1	636.53	640.92	643.68	640.38	0.56	ppb
Molybdenum	97-1	636.18	626.83	637.25	633.42	0.90	ppb
Molybdenum	98-1	640.28	634.24	641.60	638.71	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.99	125.11	125.97	125.02	0.80	ppb
Phosphorus	31-2	2699.16	2346.00	2552.43	2532.53	7.01	ppb
Potassium	39-2	6558.44	6446.13	6619.55	6541.37	1.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	130.46	127.86	129.43	129.25	1.01	ppb
Selenium	77-2	95.13	113.82	110.26	106.40	9.32	ppb
Selenium	78-2	122.32	128.56	124.41	125.10	2.54	ppb
Silicon	28-1	131.19	131.33	146.96	136.49	6.64	ppb
Silver	107-1	131.43	132.09	131.33	131.62	0.31	ppb
Silver	109-1	131.86	129.23	129.09	130.06	1.20	ppb
Sodium	23-2	12782.26	12968.87	12871.92	12874.35	0.72	ppb
Strontium	86-1	127.33	124.69	131.01	127.68	2.49	ppb
Strontium	88-1	130.81	130.79	131.03	130.88	0.10	ppb
Sulfur	34-1	1698.38	1197.97	1768.57	1554.98	20.01	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	121.68	124.13	122.74	122.85	1.00	ppb
Thallium	205-1	122.65	124.98	124.53	124.05	1.00	ppb
Tin	118-1	127.26	129.34	127.39	128.00	0.91	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:53:26	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	630.64	613.36	639.92	627.97	2.15	ppb
Uranium	238-1	124.19	123.89	125.82	124.63	0.83	ppb
Vanadium	51-2	122.46	121.38	123.29	122.38	0.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1225.27	1250.07	1248.25	1241.20	1.11	ppb
Zirconium	90-1	128.19	128.23	128.76	128.39	0.25	ppb
Zirconium	91-1	126.27	122.91	130.77	126.65	3.12	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5134.30	5052.78	4997.85	5061.64	1.36	ppb
Antimony	121-1	261.14	259.53	271.74	264.14	2.51	ppb
Arsenic	75-2	253.06	245.18	243.69	247.31	2.03	ppb
Barium	135-1	1299.87	1294.74	1345.70	1313.44	2.14	ppb
Barium	137-1	1283.35	1263.08	1339.89	1295.44	3.07	ppb
Beryllium	9-1	270.58	260.65	264.32	265.18	1.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	246.26	243.60	275.05	254.97	6.84	ppb
Boron	11-1	250.10	246.57	271.71	256.13	5.31	ppb
Bromine	81-1						cps
Cadmium	111-1	258.98	258.25	270.85	262.70	2.69	ppb
Cadmium	106-1	259.20	265.91	285.50	270.20	5.06	ppb
Cadmium	108-1	259.55	258.13	272.58	263.42	3.02	ppb
Calcium	43-1	24371.86	26026.37	26670.39	25689.54	4.62	ppb
Calcium	44-1	24694.09	26004.51	26542.42	25747.01	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.64	249.26	243.17	247.69	1.60	ppb
Cobalt	59-2	253.92	247.76	247.27	249.65	1.48	ppb
Copper	63-2	2589.89	2506.57	2511.42	2535.96	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				104		%
Iron	56-2	12781.21	12582.54	12368.77	12577.50	1.64	ppb
Iron	57-2	13051.18	12713.80	12594.62	12786.54	1.85	ppb
Iron	54-2	13273.72	12941.36	12866.85	13027.31	1.66	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1253.99	1285.72	1311.47	1283.73	2.24	ppb
Lead	207-1	1202.69	1225.26	1295.85	1241.27	3.92	ppb
Lead	208-1	1233.09	1264.70	1320.88	1272.89	3.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	26611.27	26521.55	25878.84	26337.22	1.52	ppb
Manganese	55-2	2506.35	2468.43	2456.63	2477.14	1.05	ppb
Molybdenum	94-1	1272.27	1298.69	1355.72	1308.89	3.26	ppb
Molybdenum	95-1	1245.92	1270.25	1358.65	1291.61	4.59	ppb
Molybdenum	96-1	1285.21	1282.91	1338.82	1302.31	2.43	ppb
Molybdenum	97-1	1250.90	1311.63	1341.09	1301.21	3.53	ppb
Molybdenum	98-1	1244.73	1292.85	1343.94	1293.84	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.80	246.67	249.74	250.07	1.43	ppb
Phosphorus	31-2	5015.36	4927.20	4834.12	4925.56	1.84	ppb
Potassium	39-2	13420.76	13256.49	13011.00	13229.42	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	251.04	262.32	265.79	259.72	2.97	ppb
Selenium	77-2	227.79	236.37	265.64	243.26	8.16	ppb
Selenium	78-2	264.20	248.88	246.19	253.09	3.84	ppb
Silicon	28-1	258.20	348.36	371.37	325.98	18.35	ppb
Silver	107-1	266.10	259.30	275.67	267.03	3.08	ppb
Silver	109-1	263.81	258.85	276.10	266.25	3.34	ppb
Sodium	23-2	25967.04	25717.33	25467.08	25717.15	0.97	ppb
Strontium	86-1	246.23	252.33	267.09	255.22	4.20	ppb
Strontium	88-1	254.53	266.10	275.93	265.52	4.04	ppb
Sulfur	34-1	3051.17	5699.33	6922.28	5224.26	37.88	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	247.90	253.75	264.65	255.43	3.33	ppb
Thallium	205-1	244.88	258.91	264.98	256.26	4.02	ppb
Tin	118-1	259.83	256.17	273.76	263.25	3.53	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1233.69	1313.25	1335.47	1294.14	4.13	ppb
Uranium	238-1	250.94	258.33	270.11	259.79	3.72	ppb
Vanadium	51-2	251.24	249.66	241.81	247.57	2.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	2496.56	2456.68	2450.95	2468.06	1.01	ppb
Zirconium	90-1	254.58	258.33	269.53	260.81	2.98	ppb
Zirconium	91-1	252.15	256.43	271.81	260.13	3.97	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10047.18	9855.70	9928.77	9943.88	0.97	ppb
Antimony	121-1	503.41	506.60	494.60	501.54	1.24	ppb
Arsenic	75-2	492.43	484.46	494.46	490.45	1.08	ppb
Barium	135-1	2518.85	2535.57	2447.78	2500.73	1.86	ppb
Barium	137-1	2495.03	2461.70	2464.85	2473.86	0.74	ppb
Beryllium	9-1	479.25	473.31	508.62	487.06	3.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	446.83	462.50	522.91	477.42	8.41	ppb
Boron	11-1	444.73	475.28	528.24	482.75	8.75	ppb
Bromine	81-1						cps
Cadmium	111-1	495.99	507.24	499.50	500.91	1.15	ppb
Cadmium	106-1	505.11	514.13	507.55	508.93	0.92	ppb
Cadmium	108-1	492.80	517.02	497.54	502.45	2.56	ppb
Calcium	43-1	49847.86	49805.31	50582.04	50078.40	0.87	ppb
Calcium	44-1	50673.05	49962.82	51200.93	50612.27	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.36	489.81	493.17	494.78	1.20	ppb
Cobalt	59-2	498.61	487.46	490.01	492.02	1.19	ppb
Copper	63-2	5056.88	4863.71	4847.83	4922.81	2.36	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				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	25852.14	24779.18	24766.26	25132.53	2.48	ppb
Iron	57-2	25749.42	25066.19	24929.98	25248.53	1.74	ppb
Iron	54-2	26171.83	26063.15	25741.53	25992.17	0.86	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2453.59	2458.55	2530.24	2480.79	1.73	ppb
Lead	207-1	2441.00	2511.76	2487.00	2479.92	1.45	ppb
Lead	208-1	2415.94	2459.70	2477.42	2451.02	1.29	ppb
Lithium	6-1				105		%
Magnesium	24-2	53019.77	50498.34	51216.71	51578.27	2.52	ppb
Manganese	55-2	4922.31	5006.66	4914.71	4947.90	1.03	ppb
Molybdenum	94-1	2415.13	2429.39	2508.63	2451.05	2.06	ppb
Molybdenum	95-1	2429.06	2464.76	2473.16	2455.66	0.95	ppb
Molybdenum	96-1	2437.73	2432.26	2474.44	2448.14	0.94	ppb
Molybdenum	97-1	2435.31	2434.13	2510.50	2459.98	1.78	ppb
Molybdenum	98-1	2426.96	2471.58	2502.66	2467.07	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.34	488.11	490.75	492.73	1.19	ppb
Phosphorus	31-2	10029.51	9801.57	9941.20	9924.09	1.16	ppb
Potassium	39-2	26519.41	25611.82	25847.73	25992.99	1.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	485.86	491.42	495.01	490.76	0.94	ppb
Selenium	77-2	494.72	541.49	483.76	506.66	6.05	ppb
Selenium	78-2	523.38	509.37	479.00	503.92	4.50	ppb
Silicon	28-1	565.82	589.62	644.93	600.12	6.76	ppb
Silver	107-1	510.92	514.18	504.39	509.83	0.98	ppb
Silver	109-1	499.90	511.69	496.88	502.83	1.56	ppb
Sodium	23-2	50640.87	50251.14	49566.04	50152.68	1.08	ppb
Strontium	86-1	493.13	493.99	495.57	494.23	0.25	ppb
Strontium	88-1	502.93	498.25	505.20	502.13	0.71	ppb
Sulfur	34-1	8726.11	9370.54	9684.51	9260.39	5.28	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	476.18	502.33	489.75	489.42	2.67	ppb
Thallium	205-1	474.96	486.50	487.51	482.99	1.44	ppb
Tin	118-1	496.01	510.63	500.48	502.37	1.49	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2449.56	2496.17	2524.11	2489.95	1.51	ppb
Uranium	238-1	490.59	498.19	491.55	493.44	0.84	ppb
Vanadium	51-2	500.78	488.08	488.65	492.50	1.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	5034.81	4856.84	4929.82	4940.49	1.81	ppb
Zirconium	90-1	486.66	504.03	500.14	496.94	1.83	ppb
Zirconium	91-1	481.83	488.96	505.31	492.03	2.45	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:02:31	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20551.94	20089.39	20136.72	20259.35	1.26	ppb
Antimony	121-1	1007.57	1007.11	970.86	995.18	2.12	ppb
Arsenic	75-2	1023.22	1000.56	993.03	1005.60	1.56	ppb
Barium	135-1	5025.41	5018.83	4900.27	4981.50	1.41	ppb
Barium	137-1	5079.48	5052.07	4867.41	4999.65	2.31	ppb
Beryllium	9-1	1042.74	981.00	982.90	1002.21	3.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	997.16	1002.47	1030.67	1010.10	1.78	ppb
Boron	11-1	994.49	992.97	1033.09	1006.85	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	1019.46	1007.27	960.85	995.86	3.11	ppb
Cadmium	106-1	1014.16	1001.43	954.13	989.91	3.20	ppb
Cadmium	108-1	1011.42	996.30	974.99	994.23	1.84	ppb
Calcium	43-1	104215.96	104046.87	99986.88	102749.90	2.33	ppb
Calcium	44-1	106252.98	105563.34	97158.59	102991.64	4.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1018.43	998.44	993.38	1003.42	1.32	ppb
Cobalt	59-2	1018.90	1000.47	993.39	1004.25	1.31	ppb
Copper	63-2	10089.92	10079.74	9907.54	10025.74	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	52440.76	51323.65	50890.63	51551.68	1.55	ppb
Iron	57-2	52362.56	51220.96	50983.50	51522.34	1.43	ppb
Iron	54-2	53159.01	52365.91	51477.12	52334.01	1.61	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:02:31	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5058.58	5037.07	4912.00	5002.55	1.58	ppb
Lead	207-1	5059.95	5025.48	4959.61	5015.01	1.02	ppb
Lead	208-1	5128.56	4989.25	4942.72	5020.18	1.93	ppb
Lithium	6-1				104		%
Magnesium	24-2	105309.14	102575.87	102159.03	103348.01	1.66	ppb
Manganese	55-2	10272.94	10030.80	9800.00	10034.58	2.36	ppb
Molybdenum	94-1	5159.00	4963.45	4899.54	5007.33	2.70	ppb
Molybdenum	95-1	5085.83	5031.16	4912.04	5009.67	1.77	ppb
Molybdenum	96-1	5141.76	4995.61	4894.54	5010.64	2.48	ppb
Molybdenum	97-1	5126.92	4998.15	4893.53	5006.20	2.34	ppb
Molybdenum	98-1	5152.21	4980.34	4878.33	5003.63	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1020.52	997.99	992.17	1003.56	1.49	ppb
Phosphorus	31-2	20018.61	20100.39	20034.16	20051.05	0.22	ppb
Potassium	39-2	52310.61	50040.50	50511.68	50954.26	2.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1034.14	995.04	975.66	1001.61	2.97	ppb
Selenium	77-2	984.58	1042.60	972.23	999.80	3.76	ppb
Selenium	78-2	988.18	1014.79	988.59	997.18	1.53	ppb
Silicon	28-1	961.34	929.73	896.92	929.33	3.47	ppb
Silver	107-1	1017.96	998.54	953.33	989.95	3.35	ppb
Silver	109-1	1017.79	1011.88	951.83	993.83	3.67	ppb
Sodium	23-2	104329.21	101708.85	102689.68	102909.25	1.29	ppb
Strontium	86-1	1036.81	989.76	977.03	1001.20	3.15	ppb
Strontium	88-1	1034.40	982.57	965.73	994.23	3.60	ppb
Sulfur	34-1	22111.91	21089.71	18133.71	20445.11	10.10	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1024.82	1028.72	959.14	1004.23	3.89	ppb
Thallium	205-1	1033.82	1003.71	983.68	1007.07	2.51	ppb
Tin	118-1	1024.91	992.16	968.27	995.11	2.86	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:02:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5146.58	4981.86	4851.54	4993.33	2.96	ppb
Uranium	238-1	1036.80	995.64	970.34	1000.92	3.35	ppb
Vanadium	51-2	1017.67	999.32	997.10	1004.70	1.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	10193.52	9937.96	9984.59	10038.69	1.36	ppb
Zirconium	90-1	1030.67	992.61	971.85	998.38	2.99	ppb
Zirconium	91-1	1042.29	983.69	977.63	1001.21	3.57	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:10:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97877.11	100186.52	101789.28	99950.97	1.97	ppb
Antimony	121-1	0.53	0.53	0.55	0.54	2.68	ppb
Arsenic	75-2	0.29	0.34	0.39	0.34	14.64	ppb
Barium	135-1	1.90	1.96	1.28	1.71	22.02	ppb
Barium	137-1	1.70	1.68	1.58	1.65	3.80	ppb
Beryllium	9-1	0.11	0.15	0.11	0.12	19.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	43.26	43.39	39.82	42.16	4.81	ppb
Boron	11-1	42.56	42.31	39.84	41.57	3.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.39	0.32	0.37	10.05	ppb
Cadmium	106-1	2.48	0.72	1.69	1.63	54.18	ppb
Cadmium	108-1	0.28	0.40	0.92	0.53	64.24	ppb
Calcium	43-1	491789.56	517210.04	489226.33	499408.64	3.10	ppb
Calcium	44-1	499195.55	512777.54	485908.88	499293.99	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.07	6.39	6.28	6.25	2.63	ppb
Cobalt	59-2	1.34	1.35	1.52	1.40	7.40	ppb
Copper	63-2	5.00	5.12	4.95	5.02	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	250104.67	249922.59	248977.77	249668.34	0.24	ppb
Iron	57-2	246556.67	251176.58	251228.07	249653.77	1.07	ppb
Iron	54-2	248188.27	247206.72	252808.79	249401.26	1.20	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:10:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.28	10.55	10.45	10.43	1.26	ppb
Lead	207-1	9.64	10.29	10.07	10.00	3.33	ppb
Lead	208-1	9.99	10.55	10.28	10.28	2.70	ppb
Lithium	6-1				110		%
Magnesium	24-2	495375.90	499602.70	502278.23	499085.61	0.70	ppb
Manganese	55-2	5.31	6.11	5.92	5.78	7.17	ppb
Molybdenum	94-1	1.46	1.36	1.40	1.41	3.73	ppb
Molybdenum	95-1	1.42	1.51	1.30	1.41	7.46	ppb
Molybdenum	96-1	1.92	2.06	2.09	2.03	4.53	ppb
Molybdenum	97-1	1.35	1.52	1.34	1.40	7.28	ppb
Molybdenum	98-1	1.36	1.53	1.20	1.36	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.63	4.44	4.83	4.64	4.23	ppb
Phosphorus	31-2	31.14	-2.36	-42.75	-4.66		ppb
Potassium	39-2	246748.19	251587.96	250658.50	249664.88	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	3.39	1.78	-1.84	1.11	241.39	ppb
Selenium	77-2	0.60	-1.84	0.70	-0.18		ppb
Selenium	78-2	2.31	3.75	1.81	2.63	38.44	ppb
Silicon	28-1	-37.00	19.34	-21.06	-12.91		ppb
Silver	107-1	0.23	0.25	0.24	0.24	4.61	ppb
Silver	109-1	0.29	0.26	0.26	0.27	6.50	ppb
Sodium	23-2	494443.51	503550.92	500071.66	499355.36	0.92	ppb
Strontium	86-1	5.37	5.89	5.49	5.59	4.89	ppb
Strontium	88-1	6.00	6.09	5.89	5.99	1.64	ppb
Sulfur	34-1	-4770.71	-2106.75	-4105.95	-3661.14		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.03	0.08	0.05	45.03	ppb
Thallium	205-1	0.05	0.06	0.08	0.06	27.34	ppb
Tin	118-1	0.32	0.47	0.40	0.40	18.28	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:10:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.29	0.29	0.25	27.93	ppb
Uranium	238-1	0.08	0.10	0.09	0.09	14.77	ppb
Vanadium	51-2	0.10	0.12	0.11	0.11	10.00	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	14.06	15.41	14.04	14.50	5.42	ppb
Zirconium	90-1	0.32	0.25	0.25	0.28	14.65	ppb
Zirconium	91-1	0.30	0.37	0.14	0.27	43.34	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:28:25	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.80	510.29	497.36	500.48	1.73	ppb
Antimony	121-1	196.63	211.86	193.76	200.75	4.85	ppb
Arsenic	75-2	197.12	204.08	202.22	201.14	1.79	ppb
Barium	135-1	98.95	112.47	100.88	104.10	7.03	ppb
Barium	137-1	101.20	109.60	102.07	104.29	4.43	ppb
Beryllium	9-1	96.89	105.28	103.59	101.92	4.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	654.32	712.57	700.98	689.29	4.47	ppb
Boron	11-1	657.15	718.67	717.23	697.68	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	101.32	109.43	101.42	104.05	4.47	ppb
Cadmium	106-1	156.02	158.62	154.67	156.43	1.28	ppb
Cadmium	108-1	133.24	140.21	131.37	134.94	3.45	ppb
Calcium	43-1	2004.75	2255.96	2095.10	2118.60	6.01	ppb
Calcium	44-1	1929.78	2178.73	2040.22	2049.58	6.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.08	99.26	98.17	98.51	0.66	ppb
Cobalt	59-2	99.19	99.62	99.41	99.40	0.21	ppb
Copper	63-2	98.85	97.25	98.10	98.07	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	1985.49	1985.65	2013.47	1994.87	0.81	ppb
Iron	57-2	1999.77	1948.38	1998.97	1982.37	1.48	ppb
Iron	54-2	2010.90	2078.15	2052.76	2047.27	1.66	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:28:25	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	203.89	220.67	193.82	206.13	6.58	ppb
Lead	207-1	182.71	197.51	178.56	186.26	5.35	ppb
Lead	208-1	194.49	209.76	186.26	196.84	6.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	1184.27	1193.54	1210.20	1196.01	1.10	ppb
Manganese	55-2	97.62	96.43	97.14	97.06	0.62	ppb
Molybdenum	94-1	2451.28	2664.33	2457.63	2524.41	4.80	ppb
Molybdenum	95-1	2452.45	2718.14	2434.51	2535.03	6.27	ppb
Molybdenum	96-1	2447.05	2671.13	2466.73	2528.31	4.91	ppb
Molybdenum	97-1	2440.89	2665.72	2471.90	2526.17	4.82	ppb
Molybdenum	98-1	2460.09	2678.99	2407.01	2515.36	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.67	101.22	102.12	101.34	0.72	ppb
Phosphorus	31-2	48.31	10.40	-42.81	5.30	863.26	ppb
Potassium	39-2	1986.59	1971.49	2027.23	1995.10	1.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	195.79	220.67	194.49	203.65	7.24	ppb
Selenium	77-2	201.64	208.06	196.32	202.00	2.91	ppb
Selenium	78-2	203.20	220.45	198.42	207.36	5.59	ppb
Silicon	28-1	354.58	470.57	392.23	405.79	14.58	ppb
Silver	107-1	49.16	52.93	47.81	49.97	5.31	ppb
Silver	109-1	48.56	52.96	48.78	50.10	4.95	ppb
Sodium	23-2	2024.94	2017.74	2013.40	2018.69	0.29	ppb
Strontium	86-1	498.51	544.35	506.12	516.33	4.76	ppb
Strontium	88-1	513.70	548.73	509.36	523.93	4.12	ppb
Sulfur	34-1	-5137.23	-1017.00	-4562.04	-3572.09		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	196.71	216.46	192.37	201.85	6.36	ppb
Thallium	205-1	197.39	217.02	190.99	201.80	6.72	ppb
Tin	118-1	479.15	529.54	475.13	494.61	6.13	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:28:25	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2392.90	2656.22	2487.20	2512.10	5.31	ppb
Uranium	238-1	501.96	547.03	484.04	511.01	6.35	ppb
Vanadium	51-2	97.44	95.88	96.81	96.71	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	191.37	197.26	197.92	195.51	1.84	ppb
Zirconium	90-1	479.00	526.13	487.68	497.60	5.04	ppb
Zirconium	91-1	481.32	528.02	483.13	497.49	5.32	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.70	20.22	15.70	16.87	17.42	ppb
Antimony	121-1	1.94	2.17	1.88	1.99	7.71	ppb
Arsenic	75-2	1.01	0.89	1.17	1.02	14.07	ppb
Barium	135-1	10.20	10.52	9.70	10.14	4.10	ppb
Barium	137-1	9.80	9.67	9.70	9.73	0.71	ppb
Beryllium	9-1	1.16	1.20	1.04	1.13	7.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	28.13	32.60	33.32	31.35	8.97	ppb
Boron	11-1	28.47	33.08	31.76	31.10	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	1.11	0.82	0.90	19.89	ppb
Cadmium	106-1	-4.31	0.36	-1.76	-1.90		ppb
Cadmium	108-1	1.07	1.01	1.40	1.16	17.91	ppb
Calcium	43-1	474.35	517.35	440.34	477.35	8.08	ppb
Calcium	44-1	456.44	497.85	443.85	466.04	6.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.89	1.83	1.85	1.69	ppb
Cobalt	59-2	1.00	1.04	1.05	1.03	2.30	ppb
Copper	63-2	1.85	1.85	1.81	1.84	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	52.53	51.57	51.21	51.77	1.32	ppb
Iron	57-2	50.92	49.97	43.68	48.19	8.17	ppb
Iron	54-2	52.19	56.73	51.63	53.52	5.23	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	0.93	1.07	1.02	7.89	ppb
Lead	207-1	1.02	1.01	0.95	0.99	3.43	ppb
Lead	208-1	0.98	1.01	0.95	0.98	3.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	501.00	508.82	508.98	506.27	0.90	ppb
Manganese	55-2	0.90	0.96	0.99	0.95	4.86	ppb
Molybdenum	94-1	4.85	5.35	4.73	4.97	6.68	ppb
Molybdenum	95-1	4.93	5.47	4.75	5.05	7.40	ppb
Molybdenum	96-1	4.87	5.29	4.56	4.91	7.45	ppb
Molybdenum	97-1	4.58	4.80	4.78	4.72	2.63	ppb
Molybdenum	98-1	4.84	4.90	4.66	4.80	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.74	1.08	0.99	21.52	ppb
Phosphorus	31-2	-88.61	-15.13	-27.59	-43.77		ppb
Potassium	39-2	501.21	496.98	489.16	495.78	1.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	6.23	4.78	3.86	4.96	24.12	ppb
Selenium	77-2	-4.42	3.17	0.66	-0.20		ppb
Selenium	78-2	5.63	6.74	5.65	6.01	10.56	ppb
Silicon	28-1	-43.40	-11.20	-57.76	-37.45		ppb
Silver	107-1	0.88	1.05	0.86	0.93	11.32	ppb
Silver	109-1	0.89	1.00	0.98	0.96	6.59	ppb
Sodium	23-2	519.05	510.50	524.00	517.85	1.32	ppb
Strontium	86-1	1.04	0.77	0.39	0.73	45.20	ppb
Strontium	88-1	0.99	1.14	1.02	1.05	7.35	ppb
Sulfur	34-1	-2754.47	-942.06	-3910.90	-2535.81		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.88	0.93	0.98	0.93	5.53	ppb
Thallium	205-1	0.88	1.00	0.91	0.93	6.90	ppb
Tin	118-1	5.00	5.15	4.97	5.04	1.95	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.56	5.76	4.47	4.93	14.60	ppb
Uranium	238-1	0.93	1.04	0.92	0.96	7.13	ppb
Vanadium	51-2	4.92	5.20	4.90	5.01	3.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	1.98	1.91	2.06	1.99	3.84	ppb
Zirconium	90-1	0.98	1.06	1.04	1.03	3.98	ppb
Zirconium	91-1	1.01	0.93	0.97	0.97	4.09	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:09:57 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	0.17	-0.46	-0.76		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	22.69	ppb
Arsenic	75-2	-0.05	-0.09	-0.08	-0.07		ppb
Barium	135-1	0.05	0.03	0.02	0.03	52.64	ppb
Barium	137-1	-0.01	0.03	0.00	0.01	380.50	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	716.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	2.70	2.16	2.58	2.48	11.38	ppb
Boron	11-1	2.01	2.03	1.64	1.89	11.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	0.05	0.03	62.85	ppb
Cadmium	106-1	-0.10	0.46	1.01	0.45	121.62	ppb
Cadmium	108-1	-0.09	-0.22	-0.32	-0.21		ppb
Calcium	43-1	-4.69	-1.60	-5.39	-3.90		ppb
Calcium	44-1	-32.36	-37.46	-36.69	-35.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.05	-0.04	-0.01		ppb
Cobalt	59-2	0.01	0.01	-0.01	0.01	200.18	ppb
Copper	63-2	-0.15	-0.14	-0.14	-0.14		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				96		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.44	0.31	0.05	0.27	76.11	ppb
Iron	57-2	-3.55	-2.11	0.20	-1.82		ppb
Iron	54-2	1.08	-2.46	0.35	-0.34		ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:09:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	207-1	0.03	0.04	0.02	0.03	34.72	ppb
Lead	208-1	0.01	0.00	0.02	0.01	80.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.17	1.52	0.40	1.03	55.52	ppb
Manganese	55-2	-0.02	-0.06	-0.08	-0.05		ppb
Molybdenum	94-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	0.05	0.03	0.02	0.04	39.87	ppb
Molybdenum	96-1	-0.03	-0.01	0.01	-0.01		ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	66.11	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.09	0.02	0.01	757.79	ppb
Phosphorus	31-2	14.80	-47.44	-46.64	-26.43		ppb
Potassium	39-2	-11.37	-8.21	-5.10	-8.23		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	-0.84	0.68	2.01	0.61	232.21	ppb
Selenium	77-2	-4.42	5.98	-4.42	-0.95		ppb
Selenium	78-2	6.10	2.43	0.75	3.09	88.58	ppb
Silicon	28-1	-20.52	-41.05	-56.22	-39.26		ppb
Silver	107-1	0.02	0.01	0.00	0.01	67.41	ppb
Silver	109-1	0.01	0.00	0.01	0.00	129.53	ppb
Sodium	23-2	4.91	1.20	-3.89	0.74	595.85	ppb
Strontium	86-1	-0.33	-0.02	-0.29	-0.21		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	469.53	-452.19	-592.66	-191.77		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.01	0.01	0.08	0.03	169.07	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:09:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.16	-0.09	0.05	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.00	362.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.16	-0.36	-0.20	-0.13		ppb
Zirconium	90-1	-0.02	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.05	0.02	0.04	0.04	35.04	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:56	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97369.05	98355.96	100139.25	98621.42	1.42	ppb
Antimony	121-1	1.20	1.14	1.12	1.15	3.42	ppb
Arsenic	75-2	0.27	0.50	0.27	0.35	37.84	ppb
Barium	135-1	1.60	1.32	1.29	1.40	12.21	ppb
Barium	137-1	1.39	1.54	1.11	1.34	16.14	ppb
Beryllium	9-1	0.33	0.33	0.29	0.32	6.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	3.26	2.90	2.18	2.78	19.80	ppb
Boron	11-1	2.82	2.32	2.49	2.54	9.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.33	0.24	0.25	32.18	ppb
Cadmium	106-1	-0.56	0.09	-0.72	-0.40		ppb
Cadmium	108-1	8.93	8.66	8.36	8.65	3.33	ppb
Calcium	43-1	95737.49	98816.02	92585.99	95713.17	3.25	ppb
Calcium	44-1	96712.80	98544.24	93214.15	96157.07	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.93	19.61	19.69	19.74	0.86	ppb
Cobalt	59-2	1.18	1.22	1.12	1.18	4.22	ppb
Copper	63-2	10.83	10.91	9.92	10.55	5.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	102395.99	101872.67	100535.56	101601.41	0.94	ppb
Iron	57-2	104959.48	102250.76	104047.02	103752.42	1.33	ppb
Iron	54-2	103385.88	101106.95	101639.73	102044.19	1.17	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:56	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.61	4.81	4.37	4.60	4.76	ppb
Lead	207-1	4.02	3.83	3.90	3.91	2.53	ppb
Lead	208-1	4.27	4.36	4.08	4.24	3.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	99165.97	99392.01	99390.76	99316.25	0.13	ppb
Manganese	55-2	7.97	6.74	7.18	7.30	8.51	ppb
Molybdenum	94-1	1349.27	1364.00	1263.71	1325.66	4.09	ppb
Molybdenum	95-1	1878.54	1946.32	1831.62	1885.49	3.06	ppb
Molybdenum	96-1	1818.18	1876.92	1757.54	1817.55	3.28	ppb
Molybdenum	97-1	1884.13	1849.65	1777.36	1837.05	2.97	ppb
Molybdenum	98-1	1887.39	1896.52	1769.05	1850.99	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.42	5.11	5.31	3.20	ppb
Phosphorus	31-2	100307.79	97279.39	99999.62	99195.60	1.68	ppb
Potassium	39-2	99180.19	101309.61	100814.03	100434.61	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	-0.79	0.88	-1.51	-0.47		ppb
Selenium	77-2	-4.42	-4.42	-4.42	-4.42		ppb
Selenium	78-2	3.70	1.83	2.12	2.55	39.42	ppb
Silicon	28-1	-6.80	-1.67	-39.12	-15.86		ppb
Silver	107-1	0.10	0.17	0.17	0.14	26.54	ppb
Silver	109-1	0.11	0.13	0.16	0.13	17.49	ppb
Sodium	23-2	101849.10	102416.48	103088.38	102451.32	0.61	ppb
Strontium	86-1	36.56	35.69	32.57	34.94	6.00	ppb
Strontium	88-1	37.46	36.87	34.48	36.27	4.35	ppb
Sulfur	34-1	88188.52	87298.52	80626.00	85371.01	4.84	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.01	0.00	154.41	ppb
Thallium	205-1	0.01	0.00	0.02	0.01	74.11	ppb
Tin	118-1	0.26	0.18	0.16	0.20	27.81	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:56	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1973.91	2053.66	1876.89	1968.15	4.50	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	13.03	ppb
Vanadium	51-2	0.19	0.13	0.14	0.15	23.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	11.47	11.91	10.51	11.30	6.35	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	51.35	ppb
Zirconium	91-1	0.04	0.06	0.06	0.06	17.87	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97452.86	98885.77	98492.72	98277.11	0.75	ppb
Antimony	121-1	20.86	21.05	21.03	20.98	0.51	ppb
Arsenic	75-2	20.59	19.60	20.30	20.16	2.52	ppb
Barium	135-1	21.75	22.25	21.66	21.89	1.45	ppb
Barium	137-1	21.73	21.82	21.64	21.73	0.41	ppb
Beryllium	9-1	20.06	20.34	21.48	20.63	3.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	49.20	57.29	59.99	55.50	10.12	ppb
Boron	11-1	50.43	56.19	59.59	55.40	8.36	ppb
Bromine	81-1						cps
Cadmium	111-1	19.55	20.47	20.37	20.13	2.52	ppb
Cadmium	106-1	20.72	16.92	24.98	20.87	19.32	ppb
Cadmium	108-1	28.97	27.53	27.24	27.91	3.31	ppb
Calcium	43-1	97241.48	100354.75	98783.18	98793.14	1.58	ppb
Calcium	44-1	98996.69	100415.64	97014.96	98809.10	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.71	41.04	40.30	40.35	1.66	ppb
Cobalt	59-2	21.10	21.72	21.31	21.38	1.46	ppb
Copper	63-2	29.04	29.96	29.45	29.48	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	102571.46	104896.04	100980.45	102815.98	1.92	ppb
Iron	57-2	103365.60	104938.54	103337.04	103880.39	0.88	ppb
Iron	54-2	101938.97	104115.27	103220.66	103091.63	1.06	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.41	25.26	24.79	24.82	1.72	ppb
Lead	207-1	22.24	23.62	22.84	22.90	3.03	ppb
Lead	208-1	23.28	24.34	23.70	23.77	2.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	97838.40	99360.78	98461.88	98553.69	0.78	ppb
Manganese	55-2	28.37	27.85	27.96	28.06	0.98	ppb
Molybdenum	94-1	1430.85	1471.00	1497.54	1466.46	2.29	ppb
Molybdenum	95-1	1933.68	1969.13	1928.84	1943.88	1.13	ppb
Molybdenum	96-1	1858.92	1913.51	1901.18	1891.20	1.51	ppb
Molybdenum	97-1	1893.25	1903.14	1955.08	1917.16	1.73	ppb
Molybdenum	98-1	1918.05	1906.94	1941.51	1922.17	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.79	26.71	26.21	26.23	1.76	ppb
Phosphorus	31-2	97864.54	101877.90	98214.65	99319.03	2.24	ppb
Potassium	39-2	102320.99	103360.02	101599.68	102426.90	0.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	18.48	21.99	20.14	20.20	8.69	ppb
Selenium	77-2	5.93	44.74	29.08	26.58	73.45	ppb
Selenium	78-2	20.87	22.04	22.16	21.69	3.29	ppb
Silicon	28-1	17.20	41.11	29.47	29.26	40.87	ppb
Silver	107-1	19.41	19.23	19.57	19.40	0.87	ppb
Silver	109-1	19.11	19.30	19.66	19.36	1.43	ppb
Sodium	23-2	100313.95	103135.20	102284.00	101911.05	1.42	ppb
Strontium	86-1	89.89	92.89	90.87	91.22	1.68	ppb
Strontium	88-1	92.16	94.61	95.22	93.99	1.73	ppb
Sulfur	34-1	84804.33	84474.84	84225.56	84501.58	0.34	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	19.47	20.82	20.29	20.19	3.36	ppb
Thallium	205-1	20.48	20.78	20.50	20.59	0.82	ppb
Tin	118-1	52.23	52.48	51.32	52.01	1.17	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2008.49	2102.33	2073.27	2061.36	2.33	ppb
Uranium	238-1	53.76	57.30	56.65	55.91	3.37	ppb
Vanadium	51-2	19.85	20.24	19.80	19.96	1.22	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	31.70	33.35	33.19	32.75	2.78	ppb
Zirconium	90-1	52.64	54.06	54.45	53.72	1.77	ppb
Zirconium	91-1	51.85	53.90	53.31	53.02	1.99	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:22:34	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51719.48	50241.27	49698.65	50553.13	2.07	ppb
Antimony	121-1	504.95	507.02	510.39	507.45	0.54	ppb
Arsenic	75-2	524.52	518.38	503.20	515.37	2.13	ppb
Barium	135-1	2529.74	2590.85	2553.47	2558.02	1.20	ppb
Barium	137-1	2548.79	2560.14	2588.68	2565.87	0.80	ppb
Beryllium	9-1	508.05	517.67	510.87	512.20	0.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	442.58	492.45	510.64	481.89	7.31	ppb
Boron	11-1	446.30	490.55	520.62	485.82	7.69	ppb
Bromine	81-1						cps
Cadmium	111-1	501.15	501.89	500.16	501.07	0.17	ppb
Cadmium	106-1	520.05	482.41	501.37	501.28	3.75	ppb
Cadmium	108-1	488.70	488.01	496.30	491.01	0.94	ppb
Calcium	43-1	259338.05	256469.32	256958.89	257588.75	0.60	ppb
Calcium	44-1	250728.43	258229.44	256839.81	255265.89	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.98	505.78	506.37	512.04	2.02	ppb
Cobalt	59-2	514.71	508.03	499.56	507.43	1.50	ppb
Copper	63-2	5148.76	5051.71	4981.94	5060.80	1.66	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				106		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	130843.76	129814.59	126541.40	129066.58	1.74	ppb
Iron	57-2	131911.77	131873.39	128612.12	130799.09	1.45	ppb
Iron	54-2	132670.67	127947.29	128455.16	129691.04	2.00	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:22:34	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2567.10	2609.08	2598.05	2591.41	0.84	ppb
Lead	207-1	2520.85	2604.31	2530.42	2551.86	1.79	ppb
Lead	208-1	2539.90	2591.06	2555.70	2562.22	1.02	ppb
Lithium	6-1				97		%
Magnesium	24-2	266932.99	264751.66	259534.15	263739.60	1.44	ppb
Manganese	55-2	5270.88	5100.85	5084.45	5152.06	2.00	ppb
Molybdenum	94-1	2486.50	2563.65	2584.60	2544.92	2.03	ppb
Molybdenum	95-1	2469.96	2591.29	2564.88	2542.04	2.51	ppb
Molybdenum	96-1	2515.19	2574.77	2561.22	2550.39	1.22	ppb
Molybdenum	97-1	2514.26	2614.57	2539.65	2556.16	2.04	ppb
Molybdenum	98-1	2488.60	2562.21	2529.35	2526.72	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.64	503.60	500.36	506.20	1.48	ppb
Phosphorus	31-2	10110.36	9932.90	10094.36	10045.88	0.98	ppb
Potassium	39-2	133040.69	130864.24	129167.43	131024.12	1.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	493.73	502.37	490.49	495.53	1.24	ppb
Selenium	77-2	538.68	474.31	550.43	521.14	7.86	ppb
Selenium	78-2	537.17	510.33	513.48	520.33	2.82	ppb
Silicon	28-1	417.46	445.83	410.44	424.58	4.41	ppb
Silver	107-1	507.37	505.09	506.35	506.27	0.23	ppb
Silver	109-1	494.26	506.01	507.18	502.49	1.42	ppb
Sodium	23-2	262132.57	258745.08	253887.15	258254.93	1.60	ppb
Strontium	86-1	497.45	518.87	510.37	508.90	2.12	ppb
Strontium	88-1	510.56	529.76	518.18	519.50	1.86	ppb
Sulfur	34-1	5173.15	6583.21	6396.04	6050.80	12.66	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	506.09	515.10	512.30	511.16	0.90	ppb
Thallium	205-1	508.45	517.12	516.16	513.91	0.93	ppb
Tin	118-1	503.31	511.95	512.29	509.19	1.00	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:22:34	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2494.05	2624.21	2618.25	2578.84	2.85	ppb
Uranium	238-1	524.77	528.42	529.05	527.41	0.44	ppb
Vanadium	51-2	523.91	513.37	512.48	516.59	1.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5071.77	4951.51	4847.84	4957.04	2.26	ppb
Zirconium	90-1	498.49	521.08	512.48	510.68	2.23	ppb
Zirconium	91-1	500.95	521.04	502.71	508.23	2.19	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:30:57 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.17	-0.92	-0.34	-1.15		ppb
Antimony	121-1	0.01	0.05	0.06	0.04	56.97	ppb
Arsenic	75-2	-0.02	0.05	-0.02	0.01	732.05	ppb
Barium	135-1	0.00	0.00	0.02	0.01	174.64	ppb
Barium	137-1	-0.02	0.00	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.03	0.06	0.04	34.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	11.59	12.34	11.98	11.97	3.15	ppb
Boron	11-1	12.51	12.72	12.86	12.70	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.03	-0.02	0.04	169.09	ppb
Cadmium	106-1	3.19	1.12	-2.68	0.54	550.82	ppb
Cadmium	108-1	-0.32	-0.22	-0.32	-0.29		ppb
Calcium	43-1	-3.08	-5.28	-6.20	-4.85		ppb
Calcium	44-1	-25.64	-27.41	-27.53	-26.86		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.03	0.01	237.70	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	36.17	ppb
Copper	63-2	0.03	-0.03	0.07	0.02	207.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	0.33	1.08	0.67	0.69	54.07	ppb
Iron	57-2	-3.13	-2.35	-2.73	-2.74		ppb
Iron	54-2	0.50	-0.33	3.12	1.10	164.34	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.32	0.39	0.33	15.13	ppb
Lead	207-1	0.38	0.34	0.38	0.37	6.83	ppb
Lead	208-1	0.34	0.35	0.39	0.36	6.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.30	0.67	1.12	1.36	61.90	ppb
Manganese	55-2	-0.08	-0.05	0.00	-0.04		ppb
Molybdenum	94-1	0.05	0.05	0.02	0.04	37.72	ppb
Molybdenum	95-1	0.18	0.11	0.04	0.11	62.78	ppb
Molybdenum	96-1	0.19	0.13	0.11	0.15	29.95	ppb
Molybdenum	97-1	0.15	0.08	0.09	0.11	31.46	ppb
Molybdenum	98-1	0.13	0.10	0.05	0.09	43.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	0.00	-0.01		ppb
Phosphorus	31-2	16.07	-17.77	-24.72	-8.81		ppb
Potassium	39-2	-3.25	7.42	1.86	2.01	265.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.12	-0.94	0.17	-0.21		ppb
Selenium	77-2	-4.42	0.79	-4.42	-2.68		ppb
Selenium	78-2	-0.62	3.39	1.10	1.29	156.05	ppb
Silicon	28-1	-44.34	-56.93	-44.44	-48.57		ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.03	ppb
Silver	109-1	0.03	0.01	0.01	0.02	50.64	ppb
Sodium	23-2	52.40	41.44	46.67	46.84	11.70	ppb
Strontium	86-1	-0.13	-0.38	-0.22	-0.25		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-5306.90	-5533.48	-4957.47	-5265.95		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.02	0.01	0.01	86.80	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	121.35	ppb
Tin	118-1	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:57	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.18	-0.11	-0.06	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.08	0.11	-0.03	0.06	131.78	ppb
Zirconium	90-1	0.05	0.01	0.00	0.02	131.40	ppb
Zirconium	91-1	-0.01	0.03	0.02	0.02	158.60	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:47	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.26	17.58	19.63	19.82	11.85	ppb
Antimony	121-1	1.76	1.87	2.16	1.93	10.63	ppb
Arsenic	75-2	1.01	0.98	0.94	0.97	3.21	ppb
Barium	135-1	9.69	9.12	10.01	9.61	4.72	ppb
Barium	137-1	9.84	9.52	9.91	9.76	2.15	ppb
Beryllium	9-1	0.93	1.02	0.99	0.98	4.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	29.63	29.47	32.04	30.38	4.75	ppb
Boron	11-1	27.78	29.61	31.48	29.62	6.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.83	1.03	0.82	0.89	13.16	ppb
Cadmium	106-1	-1.56	-0.64	1.13	-0.35		ppb
Cadmium	108-1	0.83	0.60	0.96	0.80	22.66	ppb
Calcium	43-1	474.51	466.88	459.29	466.89	1.63	ppb
Calcium	44-1	460.55	466.45	450.40	459.13	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	2.04	1.86	2.03	7.80	ppb
Cobalt	59-2	1.01	1.00	0.92	0.98	4.85	ppb
Copper	63-2	1.64	1.97	2.09	1.90	12.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	52.14	53.94	50.15	52.07	3.65	ppb
Iron	57-2	65.09	51.01	48.57	54.89	16.25	ppb
Iron	54-2	59.81	51.91	50.58	54.10	9.22	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:47	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.17	1.24	1.24	1.22	3.50	ppb
Lead	207-1	1.21	1.14	1.07	1.14	6.06	ppb
Lead	208-1	1.25	1.17	1.23	1.22	3.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	521.81	512.96	522.62	519.13	1.03	ppb
Manganese	55-2	0.90	0.95	0.94	0.93	2.99	ppb
Molybdenum	94-1	4.55	4.67	4.50	4.57	1.88	ppb
Molybdenum	95-1	4.97	5.05	4.65	4.89	4.40	ppb
Molybdenum	96-1	5.34	5.03	4.88	5.09	4.62	ppb
Molybdenum	97-1	4.60	4.76	4.45	4.60	3.39	ppb
Molybdenum	98-1	4.96	4.65	4.87	4.82	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.06	0.88	1.03	12.83	ppb
Phosphorus	31-2	12.26	-43.80	-46.93	-26.16		ppb
Potassium	39-2	562.71	526.83	503.67	531.07	5.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	4.96	4.86	3.63	4.49	16.52	ppb
Selenium	77-2	11.29	0.90	0.74	4.31	140.26	ppb
Selenium	78-2	6.29	1.68	10.29	6.08	70.81	ppb
Silicon	28-1	-33.22	-53.92	-54.71	-47.28		ppb
Silver	107-1	0.80	0.95	0.96	0.90	9.95	ppb
Silver	109-1	0.91	1.05	1.00	0.99	6.86	ppb
Sodium	23-2	557.15	557.29	537.71	550.72	2.05	ppb
Strontium	86-1	0.78	0.60	0.28	0.55	45.29	ppb
Strontium	88-1	1.07	1.09	1.05	1.07	2.06	ppb
Sulfur	34-1	-4803.90	-5189.01	-5284.34	-5092.42		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.01	0.90	1.09	1.00	9.80	ppb
Thallium	205-1	0.94	0.95	0.96	0.95	1.01	ppb
Tin	118-1	4.85	4.98	5.03	4.96	1.85	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:47	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.32	5.05	5.21	5.19	2.61	ppb
Uranium	238-1	0.99	1.00	0.99	0.99	0.90	ppb
Vanadium	51-2	4.81	5.01	5.07	4.96	2.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.53	2.55	2.33	2.47	5.07	ppb
Zirconium	90-1	1.04	1.02	0.92	0.99	6.18	ppb
Zirconium	91-1	1.11	1.13	1.05	1.09	3.73	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.20	15.13	16.73	16.02	5.07	ppb
Antimony	121-1	0.83	0.81	0.84	0.83	1.51	ppb
Arsenic	75-2	0.93	0.77	0.73	0.81	12.99	ppb
Barium	135-1	3.47	3.94	4.02	3.81	7.84	ppb
Barium	137-1	3.77	3.78	3.86	3.80	1.38	ppb
Beryllium	9-1	0.81	0.79	0.72	0.77	6.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	8.13	6.75	7.61	7.50	9.28	ppb
Boron	11-1	8.65	7.94	8.31	8.30	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.89	0.74	0.76	15.59	ppb
Cadmium	106-1	-6.16	3.59	-2.90	-1.83		ppb
Cadmium	108-1	0.71	0.86	0.72	0.77	10.91	ppb
Calcium	43-1	81.71	58.62	65.82	68.72	17.20	ppb
Calcium	44-1	49.78	45.82	53.29	49.63	7.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	0.86	0.75	0.84	9.66	ppb
Cobalt	59-2	0.82	0.89	0.82	0.84	4.80	ppb
Copper	63-2	1.61	1.67	1.55	1.61	3.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	42.23	44.03	41.80	42.69	2.77	ppb
Iron	57-2	44.02	46.87	36.45	42.45	12.69	ppb
Iron	54-2	42.75	41.96	40.06	41.59	3.33	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	1.03	0.99	1.00	2.66	ppb
Lead	207-1	0.89	0.90	0.87	0.88	1.63	ppb
Lead	208-1	0.92	1.02	0.97	0.97	4.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	80.11	87.10	74.30	80.50	7.97	ppb
Manganese	55-2	1.63	1.59	1.70	1.64	3.51	ppb
Molybdenum	94-1	3.70	3.89	3.74	3.78	2.71	ppb
Molybdenum	95-1	3.63	3.89	4.08	3.87	5.83	ppb
Molybdenum	96-1	4.03	4.01	3.84	3.96	2.61	ppb
Molybdenum	97-1	4.24	4.18	4.06	4.16	2.22	ppb
Molybdenum	98-1	3.75	4.04	3.94	3.91	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.96	0.71	0.91	20.01	ppb
Phosphorus	31-2	82.99	9.89	47.22	46.70	78.27	ppb
Potassium	39-2	18.19	28.95	36.42	27.85	32.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.95	1.65	-0.60	0.67	172.92	ppb
Selenium	77-2	-4.42	-1.85	-4.42	-3.56		ppb
Selenium	78-2	4.92	-0.46	5.34	3.26	99.12	ppb
Silicon	28-1	-60.10	-67.70	-38.16	-55.32		ppb
Silver	107-1	0.19	0.20	0.20	0.20	2.57	ppb
Silver	109-1	0.20	0.23	0.26	0.23	12.57	ppb
Sodium	23-2	111.32	117.26	103.55	110.71	6.21	ppb
Strontium	86-1	0.46	0.65	0.48	0.53	19.31	ppb
Strontium	88-1	0.83	0.78	0.87	0.83	5.29	ppb
Sulfur	34-1	-4827.95	-5539.42	-4423.21	-4930.19		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.77	0.83	0.90	0.83	7.99	ppb
Thallium	205-1	0.69	0.81	0.84	0.78	9.77	ppb
Tin	118-1	0.75	0.82	0.69	0.75	8.81	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.16	3.96	4.31	4.15	4.22	ppb
Uranium	238-1	0.71	0.79	0.79	0.77	6.14	ppb
Vanadium	51-2	0.88	0.78	0.76	0.81	7.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1.96	1.52	1.91	1.80	13.45	ppb
Zirconium	90-1	0.81	0.80	0.76	0.79	2.98	ppb
Zirconium	91-1	0.75	0.85	0.77	0.79	6.59	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:58:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	3.39	3.37	3.40	1.14	ppb
Antimony	121-1	0.27	0.25	0.27	0.27	4.75	ppb
Arsenic	75-2	0.24	0.21	0.22	0.22	7.95	ppb
Barium	135-1	1.14	1.16	1.42	1.24	12.75	ppb
Barium	137-1	1.32	1.26	1.38	1.32	4.32	ppb
Beryllium	9-1	0.26	0.27	0.26	0.26	0.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	2.25	2.35	2.47	2.36	4.59	ppb
Boron	11-1	2.19	2.17	2.02	2.13	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.42	0.08	0.25	69.87	ppb
Cadmium	106-1	-1.78	8.97	-5.57	0.54	1394.30	ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	68.64	77.91	75.71	74.09	6.54	ppb
Calcium	44-1	40.18	45.72	46.28	44.06	7.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.25	0.24	0.25	6.09	ppb
Cobalt	59-2	0.27	0.26	0.33	0.29	12.35	ppb
Copper	63-2	0.30	0.56	0.38	0.41	31.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	12.94	13.49	13.09	13.17	2.16	ppb
Iron	57-2	9.19	5.11	6.99	7.09	28.75	ppb
Iron	54-2	13.41	13.73	10.12	12.42	16.08	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:58:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.32	0.35	0.31	17.27	ppb
Lead	207-1	0.31	0.28	0.31	0.30	6.01	ppb
Lead	208-1	0.30	0.29	0.32	0.30	4.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	25.31	27.02	24.77	25.70	4.59	ppb
Manganese	55-2	0.27	0.46	0.35	0.36	26.47	ppb
Molybdenum	94-1	1.14	1.15	1.16	1.15	0.60	ppb
Molybdenum	95-1	1.10	1.12	1.40	1.21	13.75	ppb
Molybdenum	96-1	1.32	1.11	1.20	1.21	8.85	ppb
Molybdenum	97-1	1.29	1.12	1.28	1.23	7.63	ppb
Molybdenum	98-1	1.20	1.16	1.29	1.22	5.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.29	0.25	0.30	19.66	ppb
Phosphorus	31-2	-15.89	21.44	14.57	6.71	296.19	ppb
Potassium	39-2	15.50	17.45	27.61	20.19	32.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	3.24	2.42	1.05	2.24	49.62	ppb
Selenium	77-2	-4.42	-1.86	-4.42	-3.57		ppb
Selenium	78-2	3.97	7.64	4.94	5.52	34.51	ppb
Silicon	28-1	-55.40	-44.92	-27.83	-42.72		ppb
Silver	107-1	0.21	0.27	0.25	0.24	12.85	ppb
Silver	109-1	0.23	0.24	0.26	0.24	6.70	ppb
Sodium	23-2	19.91	35.74	42.55	32.73	35.49	ppb
Strontium	86-1	-0.06	-0.32	0.24	-0.05		ppb
Strontium	88-1	0.26	0.28	0.26	0.27	3.44	ppb
Sulfur	34-1	-2868.86	-3040.25	-2415.97	-2775.03		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.22	0.27	0.25	11.79	ppb
Thallium	205-1	0.23	0.21	0.23	0.22	6.44	ppb
Tin	118-1	0.30	0.27	0.28	0.28	6.27	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:58:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.39	1.75	0.94	1.36	30.05	ppb
Uranium	238-1	0.27	0.26	0.25	0.26	3.25	ppb
Vanadium	51-2	0.24	0.37	0.28	0.30	22.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.40	0.16	0.54	0.37	52.75	ppb
Zirconium	90-1	0.23	0.25	0.26	0.24	5.81	ppb
Zirconium	91-1	0.27	0.27	0.14	0.22	33.98	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.90	17.39	23.94	20.08	17.09	ppb
Antimony	121-1	1.96	1.99	2.07	2.01	2.85	ppb
Arsenic	75-2	0.87	0.87	1.05	0.93	10.89	ppb
Barium	135-1	9.68	9.94	9.26	9.63	3.57	ppb
Barium	137-1	9.66	9.69	9.79	9.71	0.68	ppb
Beryllium	9-1	1.04	1.14	1.09	1.09	4.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	19.77	23.92	23.78	22.49	10.48	ppb
Boron	11-1	19.75	23.92	25.93	23.20	13.59	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	0.97	1.03	1.04	7.73	ppb
Cadmium	106-1	1.74	2.94	0.85	1.84	56.80	ppb
Cadmium	108-1	0.33	0.99	0.65	0.65	50.24	ppb
Calcium	43-1	478.53	467.26	500.73	482.18	3.53	ppb
Calcium	44-1	447.48	443.68	465.28	452.15	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.89	2.02	1.91	5.40	ppb
Cobalt	59-2	0.93	1.04	0.93	0.97	6.38	ppb
Copper	63-2	1.87	1.91	1.69	1.82	6.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	52.43	50.82	51.79	51.68	1.57	ppb
Iron	57-2	49.21	42.38	52.79	48.13	11.00	ppb
Iron	54-2	52.24	54.81	53.69	53.58	2.40	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.99	1.10	1.02	6.90	ppb
Lead	207-1	0.80	1.10	0.98	0.96	15.64	ppb
Lead	208-1	0.94	1.01	1.05	1.00	5.72	ppb
Lithium	6-1				91		%
Magnesium	24-2	518.52	509.11	520.72	516.12	1.19	ppb
Manganese	55-2	0.91	0.83	0.86	0.86	4.58	ppb
Molybdenum	94-1	4.34	4.90	4.77	4.67	6.30	ppb
Molybdenum	95-1	4.60	4.81	4.73	4.71	2.31	ppb
Molybdenum	96-1	4.67	5.20	5.01	4.96	5.43	ppb
Molybdenum	97-1	5.31	4.74	4.69	4.92	7.02	ppb
Molybdenum	98-1	4.56	4.93	4.95	4.81	4.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.96	1.21	1.03	15.89	ppb
Phosphorus	31-2	32.61	-43.81	26.62	5.14	826.71	ppb
Potassium	39-2	508.98	480.65	493.59	494.41	2.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	3.22	3.42	4.62	3.75	20.17	ppb
Selenium	77-2	3.21	3.14	-1.86	1.50	194.52	ppb
Selenium	78-2	7.27	9.89	8.06	8.41	15.95	ppb
Silicon	28-1	-60.36	-58.16	-42.65	-53.72		ppb
Silver	107-1	0.94	1.08	0.86	0.96	11.94	ppb
Silver	109-1	0.89	0.95	1.05	0.97	8.53	ppb
Sodium	23-2	531.63	497.47	516.23	515.11	3.32	ppb
Strontium	86-1	0.91	1.09	0.67	0.89	23.76	ppb
Strontium	88-1	0.98	1.06	1.08	1.04	5.24	ppb
Sulfur	34-1	-3934.93	-3527.34	-2863.78	-3442.02		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	1.04	0.94	1.00	1.00	5.10	ppb
Thallium	205-1	0.95	0.88	1.03	0.95	7.96	ppb
Tin	118-1	5.28	4.92	5.11	5.10	3.52	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.33	5.23	5.27	5.28	0.96	ppb
Uranium	238-1	0.95	0.94	0.99	0.96	3.17	ppb
Vanadium	51-2	5.14	4.59	5.22	4.98	6.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	1.55	2.07	1.85	1.83	14.49	ppb
Zirconium	90-1	1.05	1.04	1.07	1.05	1.71	ppb
Zirconium	91-1	0.87	1.08	0.95	0.96	10.77	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:04:29 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.46	15.06	14.89	14.80	2.09	ppb
Antimony	121-1	0.79	0.75	0.81	0.79	3.95	ppb
Arsenic	75-2	0.63	0.65	0.82	0.70	15.30	ppb
Barium	135-1	3.87	3.65	3.92	3.81	3.74	ppb
Barium	137-1	3.64	3.36	3.60	3.54	4.28	ppb
Beryllium	9-1	0.77	0.83	0.78	0.79	3.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	5.04	4.99	4.45	4.83	6.71	ppb
Boron	11-1	4.85	5.27	5.02	5.04	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.67	0.73	0.75	0.72	6.29	ppb
Cadmium	106-1	-4.04	-1.43	-1.02	-2.16		ppb
Cadmium	108-1	0.56	0.79	0.56	0.64	20.67	ppb
Calcium	43-1	61.49	66.68	74.72	67.63	9.86	ppb
Calcium	44-1	39.67	41.80	33.27	38.25	11.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.76	0.77	0.74	7.39	ppb
Cobalt	59-2	0.77	0.66	0.73	0.72	7.94	ppb
Copper	63-2	1.32	1.28	1.46	1.35	7.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	37.05	35.94	36.40	36.46	1.54	ppb
Iron	57-2	30.57	30.93	38.23	33.24	13.00	ppb
Iron	54-2	32.77	36.43	41.20	36.80	11.48	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:04:29	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.70	0.65	0.75	0.70	7.55	ppb
Lead	207-1	0.80	0.69	0.75	0.75	7.00	ppb
Lead	208-1	0.72	0.73	0.74	0.73	1.05	ppb
Lithium	6-1				90		%
Magnesium	24-2	74.33	76.51	72.51	74.45	2.69	ppb
Manganese	55-2	1.26	1.30	1.25	1.27	1.88	ppb
Molybdenum	94-1	3.55	3.82	3.30	3.56	7.43	ppb
Molybdenum	95-1	3.31	3.69	3.63	3.54	5.75	ppb
Molybdenum	96-1	3.48	3.51	3.74	3.58	3.97	ppb
Molybdenum	97-1	3.34	3.48	3.42	3.42	2.09	ppb
Molybdenum	98-1	3.39	3.45	3.46	3.43	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.76	0.58	0.67	13.25	ppb
Phosphorus	31-2	-14.42	-37.82	15.85	-12.13		ppb
Potassium	39-2	19.12	14.36	2.89	12.12	68.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	82-1	0.40	1.41	1.44	1.08	54.53	ppb
Selenium	77-2	-4.42	0.61	0.65	-1.06		ppb
Selenium	78-2	3.51	0.73	3.09	2.44	61.18	ppb
Silicon	28-1	-44.62	-53.93	-59.74	-52.76		ppb
Silver	107-1	0.21	0.19	0.20	0.20	5.02	ppb
Silver	109-1	0.18	0.18	0.17	0.18	2.64	ppb
Sodium	23-2	71.89	75.95	77.56	75.13	3.89	ppb
Strontium	86-1	0.25	0.67	0.59	0.51	44.36	ppb
Strontium	88-1	0.76	0.80	0.85	0.80	6.03	ppb
Sulfur	34-1	-2084.68	-2919.85	-3105.20	-2703.25		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.67	0.65	0.55	0.62	10.55	ppb
Thallium	205-1	0.63	0.74	0.75	0.71	9.60	ppb
Tin	118-1	0.72	0.68	0.64	0.68	5.59	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:04:29	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.65	3.93	3.67	3.75	4.19	ppb
Uranium	238-1	0.64	0.73	0.63	0.67	7.99	ppb
Vanadium	51-2	0.64	0.80	0.72	0.72	10.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	1.14	0.91	0.84	0.97	16.20	ppb
Zirconium	90-1	0.68	0.78	0.70	0.72	7.08	ppb
Zirconium	91-1	0.74	0.76	0.61	0.70	11.83	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:11:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.08	3.01	4.12	3.74	16.94	ppb
Antimony	121-1	0.25	0.34	0.23	0.28	21.69	ppb
Arsenic	75-2	0.20	0.15	0.27	0.21	29.56	ppb
Barium	135-1	1.21	1.69	1.21	1.37	20.00	ppb
Barium	137-1	1.39	1.46	1.16	1.34	11.82	ppb
Beryllium	9-1	0.34	0.28	0.17	0.26	31.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	1.57	3.15	1.72	2.15	40.48	ppb
Boron	11-1	1.62	1.95	1.84	1.81	9.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.17	0.25	0.27	37.36	ppb
Cadmium	106-1	0.94	-1.35	3.10	0.90	247.98	ppb
Cadmium	108-1	0.14	0.67	0.01	0.28	126.86	ppb
Calcium	43-1	63.82	64.09	69.75	65.89	5.08	ppb
Calcium	44-1	32.77	32.18	35.35	33.44	5.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.24	0.17	0.24	29.48	ppb
Cobalt	59-2	0.25	0.20	0.28	0.25	16.54	ppb
Copper	63-2	0.38	0.39	0.46	0.41	11.48	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				97		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	13.53	13.06	13.30	13.30	1.77	ppb
Iron	57-2	10.04	5.55	14.68	10.09	45.20	ppb
Iron	54-2	14.29	11.99	12.45	12.91	9.43	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:11:08 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.30	0.25	0.26	12.59	ppb
Lead	207-1	0.28	0.38	0.22	0.29	26.58	ppb
Lead	208-1	0.27	0.38	0.27	0.30	21.24	ppb
Lithium	6-1				90		%
Magnesium	24-2	22.89	23.80	25.05	23.92	4.54	ppb
Manganese	55-2	0.54	0.40	0.38	0.44	20.22	ppb
Molybdenum	94-1	1.06	1.27	1.14	1.16	9.42	ppb
Molybdenum	95-1	1.40	1.18	1.22	1.27	9.15	ppb
Molybdenum	96-1	1.21	1.14	1.22	1.19	3.71	ppb
Molybdenum	97-1	1.37	1.35	1.34	1.35	1.17	ppb
Molybdenum	98-1	1.20	1.28	1.12	1.20	6.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.18	0.16	0.21	33.91	ppb
Phosphorus	31-2	-19.06	-15.44	-20.61	-18.37		ppb
Potassium	39-2	30.27	6.38	-10.95	8.57	241.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	2.03	2.75	3.88	2.88	32.23	ppb
Selenium	77-2	0.73	0.72	-1.88	-0.14		ppb
Selenium	78-2	5.13	4.17	4.98	4.76	10.83	ppb
Silicon	28-1	-33.73	-42.18	-50.88	-42.27		ppb
Silver	107-1	0.26	0.26	0.29	0.27	5.87	ppb
Silver	109-1	0.22	0.25	0.26	0.24	8.30	ppb
Sodium	23-2	36.62	22.81	20.08	26.50	33.46	ppb
Strontium	86-1	0.22	0.25	0.04	0.17	67.38	ppb
Strontium	88-1	0.28	0.30	0.25	0.28	9.14	ppb
Sulfur	34-1	-1733.81	-2489.14	-2470.00	-2230.98		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.22	0.26	0.22	20.21	ppb
Thallium	205-1	0.22	0.30	0.20	0.24	23.23	ppb
Tin	118-1	0.38	0.43	0.40	0.40	6.33	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:11:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.29	1.99	1.43	1.57	23.71	ppb
Uranium	238-1	0.27	0.27	0.22	0.25	9.62	ppb
Vanadium	51-2	0.22	0.22	0.22	0.22	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.60	0.38	0.61	0.53	24.23	ppb
Zirconium	90-1	0.23	0.26	0.22	0.24	8.92	ppb
Zirconium	91-1	0.27	0.25	0.21	0.25	12.01	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:14:00	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.80	19.91	16.79	18.50	8.55	ppb
Antimony	121-1	2.18	1.98	1.94	2.03	6.21	ppb
Arsenic	75-2	0.87	0.90	0.83	0.87	3.84	ppb
Barium	135-1	9.94	10.25	9.83	10.01	2.19	ppb
Barium	137-1	9.98	9.50	10.28	9.92	3.94	ppb
Beryllium	9-1	1.09	0.98	1.14	1.07	7.78	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	20.64	23.00	25.62	23.09	10.79	ppb
Boron	11-1	19.87	23.02	26.04	22.98	13.43	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.06	1.03	1.06	3.13	ppb
Cadmium	106-1	-1.88	-0.19	-0.44	-0.84		ppb
Cadmium	108-1	0.68	0.90	0.56	0.71	24.18	ppb
Calcium	43-1	489.26	504.82	472.22	488.77	3.34	ppb
Calcium	44-1	440.15	471.99	455.46	455.86	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	1.94	2.18	2.06	5.95	ppb
Cobalt	59-2	1.00	0.95	1.09	1.01	7.32	ppb
Copper	63-2	1.81	1.95	1.95	1.91	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				97		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	56-2	52.44	50.90	52.32	51.89	1.65	ppb
Iron	57-2	49.33	53.16	50.87	51.12	3.77	ppb
Iron	54-2	49.61	54.63	62.01	55.41	11.26	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:14:00	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.91	1.01	0.95	6.00	ppb
Lead	207-1	0.90	0.80	0.93	0.88	7.74	ppb
Lead	208-1	0.96	0.97	0.99	0.97	1.63	ppb
Lithium	6-1				90		%
Magnesium	24-2	532.61	506.00	511.11	516.57	2.73	ppb
Manganese	55-2	1.24	0.95	1.01	1.06	14.51	ppb
Molybdenum	94-1	4.73	4.82	4.72	4.76	1.18	ppb
Molybdenum	95-1	4.71	5.17	4.99	4.96	4.65	ppb
Molybdenum	96-1	4.84	4.92	5.10	4.95	2.67	ppb
Molybdenum	97-1	4.91	4.73	5.16	4.93	4.46	ppb
Molybdenum	98-1	4.80	4.98	5.04	4.94	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.99	1.18	1.06	10.13	ppb
Phosphorus	31-2	-54.96	38.89	10.94	-1.71		ppb
Potassium	39-2	529.22	517.28	504.01	516.84	2.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	4.15	6.19	7.50	5.94	28.37	ppb
Selenium	77-2	0.70	3.26	0.65	1.54	97.00	ppb
Selenium	78-2	7.61	5.28	8.59	7.16	23.73	ppb
Silicon	28-1	-60.38	-29.70	-33.14	-41.08		ppb
Silver	107-1	0.92	0.98	0.97	0.95	3.48	ppb
Silver	109-1	0.81	1.06	1.02	0.96	14.37	ppb
Sodium	23-2	511.18	498.88	514.40	508.16	1.61	ppb
Strontium	86-1	0.68	0.74	0.83	0.75	9.92	ppb
Strontium	88-1	1.07	1.09	1.04	1.07	2.58	ppb
Sulfur	34-1	-3020.68	-1430.10	-2769.29	-2406.69		ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	0.83	0.93	1.04	0.93	11.12	ppb
Thallium	205-1	1.01	0.88	0.92	0.94	7.12	ppb
Tin	118-1	5.07	5.15	5.37	5.20	2.99	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:14:00	DataFile Name :	035LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.75	4.90	5.13	4.92	3.87	ppb
Uranium	238-1	0.99	1.05	0.97	1.00	3.65	ppb
Vanadium	51-2	4.93	5.18	4.62	4.91	5.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	1.46	2.30	2.01	1.92	22.16	ppb
Zirconium	90-1	0.93	1.06	1.08	1.02	7.83	ppb
Zirconium	91-1	0.95	0.99	1.01	0.98	3.14	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:16:50	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.81	12.59	11.61	12.67	8.69	ppb
Antimony	121-1	0.73	0.66	0.76	0.71	7.06	ppb
Arsenic	75-2	0.76	0.75	0.75	0.75	0.53	ppb
Barium	135-1	3.61	3.61	3.59	3.60	0.30	ppb
Barium	137-1	3.67	3.65	3.54	3.62	1.86	ppb
Beryllium	9-1	0.79	0.78	0.72	0.77	4.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	4.70	5.06	4.14	4.63	10.02	ppb
Boron	11-1	4.94	4.92	4.23	4.70	8.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.85	0.56	0.77	0.72	20.35	ppb
Cadmium	106-1	0.29	-3.55	2.66	-0.20		ppb
Cadmium	108-1	0.22	0.53	0.95	0.57	63.85	ppb
Calcium	43-1	67.71	72.09	67.02	68.94	3.99	ppb
Calcium	44-1	32.35	35.28	30.80	32.81	6.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.82	0.85	0.74	22.53	ppb
Cobalt	59-2	0.70	0.73	0.69	0.71	3.41	ppb
Copper	63-2	1.23	1.21	1.25	1.23	1.55	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				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	35.73	36.56	37.74	36.68	2.76	ppb
Iron	57-2	35.79	31.74	31.42	32.99	7.38	ppb
Iron	54-2	38.10	44.99	38.97	40.69	9.22	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:16:50 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.73	0.71	0.74	0.73	2.36	ppb
Lead	207-1	0.75	0.76	0.82	0.78	4.81	ppb
Lead	208-1	0.73	0.69	0.72	0.71	3.19	ppb
Lithium	6-1				91		%
Magnesium	24-2	69.77	76.48	68.46	71.57	6.02	ppb
Manganese	55-2	1.26	1.31	1.55	1.37	11.40	ppb
Molybdenum	94-1	3.22	3.46	3.17	3.28	4.81	ppb
Molybdenum	95-1	3.36	3.51	3.44	3.44	2.14	ppb
Molybdenum	96-1	3.47	3.66	3.52	3.55	2.78	ppb
Molybdenum	97-1	3.23	3.78	3.67	3.56	8.14	ppb
Molybdenum	98-1	3.65	3.43	3.35	3.48	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.60	0.86	0.71	18.88	ppb
Phosphorus	31-2	-30.84	44.34	-60.18	-15.56		ppb
Potassium	39-2	32.14	13.10	43.24	29.50	51.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	-0.28	1.05	0.15	0.31	220.71	ppb
Selenium	77-2	3.09	-1.84	3.26	1.50	192.76	ppb
Selenium	78-2	1.84	2.58	1.59	2.00	25.80	ppb
Silicon	28-1	-62.23	-53.38	-72.41	-62.68		ppb
Silver	107-1	0.19	0.17	0.22	0.19	13.67	ppb
Silver	109-1	0.17	0.21	0.18	0.19	10.52	ppb
Sodium	23-2	64.66	67.44	69.08	67.06	3.33	ppb
Strontium	86-1	0.25	0.21	0.53	0.33	53.83	ppb
Strontium	88-1	0.77	0.74	0.75	0.76	2.04	ppb
Sulfur	34-1	-2422.98	-2158.96	-2979.99	-2520.64		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.62	0.66	0.74	0.67	8.82	ppb
Thallium	205-1	0.76	0.74	0.63	0.71	9.58	ppb
Tin	118-1	0.67	0.81	0.73	0.74	9.57	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:16:50	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.25	3.15	3.50	3.30	5.45	ppb
Uranium	238-1	0.67	0.73	0.73	0.71	4.42	ppb
Vanadium	51-2	0.77	0.70	0.64	0.70	9.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1.23	1.53	1.60	1.45	13.48	ppb
Zirconium	90-1	0.74	0.71	0.70	0.72	3.29	ppb
Zirconium	91-1	0.73	0.82	0.97	0.84	14.11	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:28:37	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.59	4.00	4.84	4.48	9.70	ppb
Antimony	121-1	0.25	0.27	0.25	0.26	3.47	ppb
Arsenic	75-2	0.29	0.25	0.13	0.22	38.06	ppb
Barium	135-1	1.19	1.32	1.30	1.27	5.45	ppb
Barium	137-1	1.33	0.99	1.33	1.22	16.39	ppb
Beryllium	9-1	0.21	0.24	0.24	0.23	7.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	1.53	1.40	1.94	1.62	17.41	ppb
Boron	11-1	1.11	1.29	1.13	1.18	8.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.24	0.32	0.27	16.75	ppb
Cadmium	106-1	-0.15	-0.07	2.17	0.65	202.39	ppb
Cadmium	108-1	0.11	0.32	0.44	0.29	57.21	ppb
Calcium	43-1	60.21	50.07	60.55	56.94	10.46	ppb
Calcium	44-1	16.74	16.94	17.60	17.09	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.12	0.37	0.28	50.14	ppb
Cobalt	59-2	0.31	0.29	0.20	0.26	22.58	ppb
Copper	63-2	0.37	0.39	0.41	0.39	4.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	13.26	13.14	12.76	13.05	2.01	ppb
Iron	57-2	12.02	9.70	10.33	10.68	11.26	ppb
Iron	54-2	12.56	15.54	14.47	14.19	10.61	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:28:37	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.28	0.31	0.27	16.60	ppb
Lead	207-1	0.29	0.25	0.26	0.27	6.76	ppb
Lead	208-1	0.26	0.26	0.26	0.26	1.83	ppb
Lithium	6-1				91		%
Magnesium	24-2	28.83	23.54	28.29	26.89	10.81	ppb
Manganese	55-2	0.45	0.38	0.50	0.44	13.99	ppb
Molybdenum	94-1	1.20	1.15	1.16	1.17	2.26	ppb
Molybdenum	95-1	1.37	1.30	1.08	1.25	12.34	ppb
Molybdenum	96-1	1.21	1.12	1.09	1.14	5.80	ppb
Molybdenum	97-1	1.33	1.22	1.33	1.29	4.56	ppb
Molybdenum	98-1	1.22	1.11	1.14	1.15	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.23	0.28	0.25	8.63	ppb
Phosphorus	31-2	-0.74	-12.02	-15.63	-9.46		ppb
Potassium	39-2	6.35	28.64	3.18	12.72	109.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	3.84	1.83	2.46	2.71	37.89	ppb
Selenium	77-2	-1.86	-1.81	-4.42	-2.70		ppb
Selenium	78-2	5.55	7.68	5.68	6.30	18.92	ppb
Silicon	28-1	-47.78	-54.95	-41.46	-48.06		ppb
Silver	107-1	0.19	0.21	0.26	0.22	16.29	ppb
Silver	109-1	0.27	0.23	0.30	0.27	12.93	ppb
Sodium	23-2	14.61	11.33	15.71	13.88	16.39	ppb
Strontium	86-1	0.19	0.23	-0.04	0.13	116.01	ppb
Strontium	88-1	0.23	0.24	0.27	0.25	8.21	ppb
Sulfur	34-1	-1726.88	-2200.64	-2393.95	-2107.16		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.23	0.21	0.22	4.80	ppb
Thallium	205-1	0.25	0.18	0.20	0.21	18.47	ppb
Tin	118-1	0.48	0.38	0.53	0.47	16.76	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:28:37	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.24	1.17	0.89	1.10	16.92	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	3.00	ppb
Vanadium	51-2	0.25	0.23	0.31	0.26	15.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	0.85	0.84	0.62	0.77	17.00	ppb
Zirconium	90-1	0.21	0.23	0.27	0.24	14.20	ppb
Zirconium	91-1	0.27	0.21	0.38	0.29	30.80	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134949BL Instrumnet Name : P8
 Client Sample ID : PB134949BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:31:30 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	-1.40	-0.65	-0.54		ppb
Antimony	121-1	0.00	0.00	0.02	0.01	88.13	ppb
Arsenic	75-2	-0.08	-0.04	-0.09	-0.07		ppb
Barium	135-1	0.02	0.00	0.04	0.02	99.72	ppb
Barium	137-1	0.02	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	131.22	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	1.34	1.73	1.19	1.42	19.78	ppb
Boron	11-1	0.83	1.15	0.87	0.95	18.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.01	-0.06	-0.04		ppb
Cadmium	106-1	-4.96	0.11	-4.56	-3.14		ppb
Cadmium	108-1	-0.43	-0.32	-0.31	-0.35		ppb
Calcium	43-1	-4.14	-8.74	-5.62	-6.17		ppb
Calcium	44-1	-41.83	-40.94	-38.26	-40.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.01	0.04	-0.03		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	76.59	ppb
Copper	63-2	-0.15	-0.20	-0.19	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	-0.24	0.06	0.05	-0.04		ppb
Iron	57-2	-3.27	1.24	-0.87	-0.97		ppb
Iron	54-2	-0.67	1.94	2.31	1.19	136.26	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BL	Instrumnet Name :	P8
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:31:30	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.02	0.00	444.37	ppb
Lead	207-1	0.02	0.02	-0.02	0.01	253.13	ppb
Lead	208-1	0.00	0.02	0.00	0.01	253.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.87	0.33	-0.36	0.28	218.22	ppb
Manganese	55-2	-0.06	0.01	-0.04	-0.03		ppb
Molybdenum	94-1	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	96-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.02	-0.01	0.01	0.00	418.89	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	12.14	-27.31	-50.62	-21.93		ppb
Potassium	39-2	-10.00	-8.41	-15.08	-11.16		ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	-0.11	0.91	0.04	0.28	196.24	ppb
Selenium	77-2	-1.86	-4.42	-1.86	-2.71		ppb
Selenium	78-2	1.83	-1.34	2.97	1.15	193.32	ppb
Silicon	28-1	-68.92	-33.92	-24.97	-42.60		ppb
Silver	107-1	0.01	0.00	0.01	0.01	126.48	ppb
Silver	109-1	0.01	0.01	0.00	0.01	37.92	ppb
Sodium	23-2	-6.77	-12.00	-7.69	-8.82		ppb
Strontium	86-1	-0.10	-0.09	-0.42	-0.20		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1720.78	-774.16	175.52	-773.14		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	-0.06	-0.05	-0.02		ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BL	Instrumnet Name :	P8
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:31:30	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.11	-0.02	0.07	109.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	-0.07	0.02	-0.01		ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	12264.40	ppb
Zirconium	91-1	0.00	0.05	-0.03	0.01	596.78	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50791.01	50652.84	50858.19	50767.35	0.21	ppb
Antimony	121-1	512.92	502.12	530.37	515.14	2.77	ppb
Arsenic	75-2	507.62	503.96	505.97	505.85	0.36	ppb
Barium	135-1	2589.87	2571.50	2640.91	2600.76	1.38	ppb
Barium	137-1	2604.62	2584.52	2609.54	2599.56	0.51	ppb
Beryllium	9-1	530.29	527.76	532.03	530.03	0.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	452.29	497.64	541.43	497.12	8.97	ppb
Boron	11-1	453.99	504.13	538.28	498.80	8.50	ppb
Bromine	81-1						cps
Cadmium	111-1	507.62	507.03	511.21	508.62	0.44	ppb
Cadmium	106-1	513.33	509.86	511.06	511.41	0.34	ppb
Cadmium	108-1	517.61	489.57	503.96	503.71	2.78	ppb
Calcium	43-1	250939.81	248613.58	251815.41	250456.26	0.66	ppb
Calcium	44-1	258327.69	247573.85	252165.20	252688.92	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.34	510.95	509.98	509.43	0.37	ppb
Cobalt	59-2	497.40	508.00	502.40	502.60	1.06	ppb
Copper	63-2	5128.58	5167.36	5031.21	5109.05	1.37	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				109		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	129082.49	131152.99	128406.14	129547.21	1.10	ppb
Iron	57-2	130820.98	133987.02	130898.66	131902.22	1.37	ppb
Iron	54-2	128887.91	132765.10	129528.94	130393.98	1.59	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2587.51	2566.81	2553.31	2569.21	0.67	ppb
Lead	207-1	2531.96	2576.92	2522.71	2543.86	1.14	ppb
Lead	208-1	2532.90	2541.58	2517.48	2530.65	0.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	262410.24	264387.35	262917.56	263238.38	0.39	ppb
Manganese	55-2	5004.80	5215.24	5160.39	5126.81	2.13	ppb
Molybdenum	94-1	2564.76	2558.02	2595.98	2572.92	0.79	ppb
Molybdenum	95-1	2597.79	2576.67	2613.59	2596.01	0.71	ppb
Molybdenum	96-1	2598.00	2589.98	2592.19	2593.39	0.16	ppb
Molybdenum	97-1	2608.06	2594.38	2607.71	2603.38	0.30	ppb
Molybdenum	98-1	2576.09	2624.22	2548.66	2582.99	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.35	502.54	501.41	501.43	0.22	ppb
Phosphorus	31-2	10085.39	9862.26	10630.26	10192.64	3.88	ppb
Potassium	39-2	127948.81	132696.46	130686.51	130443.93	1.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	500.44	501.39	502.82	501.55	0.24	ppb
Selenium	77-2	547.87	513.51	531.27	530.88	3.24	ppb
Selenium	78-2	527.45	519.91	528.54	525.30	0.89	ppb
Silicon	28-1	453.00	462.06	496.36	470.48	4.86	ppb
Silver	107-1	528.67	514.19	536.18	526.35	2.12	ppb
Silver	109-1	530.70	519.77	544.31	531.59	2.31	ppb
Sodium	23-2	261064.11	259728.89	258357.83	259716.94	0.52	ppb
Strontium	86-1	516.26	511.94	514.54	514.25	0.42	ppb
Strontium	88-1	518.47	519.34	521.79	519.87	0.33	ppb
Sulfur	34-1	9581.75	7872.66	8869.10	8774.50	9.78	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	496.86	499.27	519.62	505.25	2.48	ppb
Thallium	205-1	510.50	512.81	502.17	508.49	1.10	ppb
Tin	118-1	508.69	505.70	522.61	512.33	1.76	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2520.70	2525.50	2565.00	2537.07	0.96	ppb
Uranium	238-1	498.28	517.92	521.35	512.52	2.43	ppb
Vanadium	51-2	508.83	514.01	511.25	511.36	0.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	4896.96	5003.53	4968.31	4956.27	1.10	ppb
Zirconium	90-1	511.77	512.00	509.87	511.21	0.23	ppb
Zirconium	91-1	507.00	503.66	508.38	506.35	0.48	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:36	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.50	-4.55	-2.18	-2.74		ppb
Antimony	121-1	0.03	0.06	0.09	0.06	54.32	ppb
Arsenic	75-2	0.02	-0.02	-0.04	-0.01		ppb
Barium	135-1	0.03	0.03	0.05	0.04	24.87	ppb
Barium	137-1	0.01	0.00	0.00	0.00	451.46	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	29.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	12.69	15.01	15.19	14.30	9.74	ppb
Boron	11-1	13.69	13.54	13.33	13.52	1.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.04	0.05	0.01	580.78	ppb
Cadmium	106-1	-1.62	-2.10	0.70	-1.01		ppb
Cadmium	108-1	-0.33	-0.22	-0.22	-0.25		ppb
Calcium	43-1	-4.92	-8.85	-5.94	-6.57		ppb
Calcium	44-1	-38.56	-39.55	-41.84	-39.98		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.06	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	11.82	ppb
Copper	63-2	-0.05	-0.04	-0.09	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.84	0.82	1.21	0.96	22.92	ppb
Iron	57-2	-5.48	0.68	-2.80	-2.53		ppb
Iron	54-2	2.26	3.44	0.91	2.20	57.58	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:36	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.27	0.22	0.25	11.25	ppb
Lead	207-1	0.32	0.26	0.28	0.29	10.31	ppb
Lead	208-1	0.28	0.28	0.25	0.27	6.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.65	0.95	1.92	1.51	33.25	ppb
Manganese	55-2	0.03	-0.02	-0.01	0.00		ppb
Molybdenum	94-1	0.05	0.10	-0.01	0.05	121.62	ppb
Molybdenum	95-1	0.13	0.03	0.07	0.08	64.61	ppb
Molybdenum	96-1	0.17	0.09	0.07	0.11	46.93	ppb
Molybdenum	97-1	0.15	0.08	0.01	0.08	88.57	ppb
Molybdenum	98-1	0.10	0.05	0.08	0.08	29.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	-7.35	9.33	-19.16	-5.72		ppb
Potassium	39-2	-29.38	-5.37	-5.95	-13.57		ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.57	-0.81	-1.80	-0.68		ppb
Selenium	77-2	-1.85	-4.42	-1.84	-2.70		ppb
Selenium	78-2	0.47	0.18	2.84	1.16	125.66	ppb
Silicon	28-1	-56.10	-47.00	-66.19	-56.43		ppb
Silver	107-1	0.02	0.01	0.01	0.02	42.79	ppb
Silver	109-1	0.02	0.02	0.04	0.02	53.13	ppb
Sodium	23-2	20.77	15.56	9.31	15.21	37.71	ppb
Strontium	86-1	-0.38	-0.40	-0.33	-0.37		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-3020.21	-2875.59	-3625.62	-3173.81		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.01	0.01	0.03	101.86	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:36	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.10	-0.10	0.06	247.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	368.84	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	155.43	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.18	0.19	-0.01	0.00	5042.77	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	89.24	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134949BS Instrumnet Name : P8
 Client Sample ID : PB134949BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:44:28 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10031.80	10134.06	10364.09	10176.65	1.67	ppb
Antimony	121-1	489.17	515.18	493.52	499.29	2.79	ppb
Arsenic	75-2	496.38	503.97	507.68	502.68	1.15	ppb
Barium	135-1	2392.54	2593.42	2496.23	2494.06	4.03	ppb
Barium	137-1	2404.00	2583.14	2470.74	2485.96	3.64	ppb
Beryllium	9-1	491.71	509.25	502.47	501.14	1.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	374.86	439.80	474.70	429.79	11.79	ppb
Boron	11-1	388.82	448.31	472.32	436.48	9.85	ppb
Bromine	81-1						cps
Cadmium	111-1	484.33	521.22	492.60	499.38	3.88	ppb
Cadmium	106-1	486.44	515.88	499.17	500.49	2.95	ppb
Cadmium	108-1	479.93	499.73	484.86	488.17	2.11	ppb
Calcium	43-1	48528.71	49703.27	48165.36	48799.12	1.65	ppb
Calcium	44-1	49428.49	51209.49	49154.63	49930.87	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.95	496.42	509.19	501.18	1.39	ppb
Cobalt	59-2	496.76	497.59	512.83	502.40	1.80	ppb
Copper	63-2	5056.40	5047.20	5106.01	5069.87	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	25325.88	25820.17	26158.27	25768.11	1.62	ppb
Iron	57-2	25294.46	25410.28	26404.74	25703.16	2.37	ppb
Iron	54-2	26157.96	25948.42	26733.63	26280.00	1.55	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BS	Instrumnet Name :	P8
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:28	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2498.80	2500.43	2420.45	2473.23	1.85	ppb
Lead	207-1	2465.90	2544.77	2425.91	2478.86	2.44	ppb
Lead	208-1	2456.38	2532.83	2426.48	2471.90	2.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	52787.48	52000.18	54111.44	52966.36	2.01	ppb
Manganese	55-2	5123.83	5049.47	5191.52	5121.61	1.39	ppb
Molybdenum	94-1	2422.20	2510.57	2517.47	2483.41	2.14	ppb
Molybdenum	95-1	2433.30	2543.44	2500.17	2492.31	2.23	ppb
Molybdenum	96-1	2416.93	2471.60	2509.10	2465.88	1.88	ppb
Molybdenum	97-1	2434.90	2540.92	2539.07	2504.96	2.42	ppb
Molybdenum	98-1	2485.88	2575.88	2488.23	2516.66	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.67	492.05	513.17	501.96	2.12	ppb
Phosphorus	31-2	10584.87	9975.05	9701.55	10087.16	4.48	ppb
Potassium	39-2	26119.11	26144.06	26864.52	26375.90	1.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	487.79	506.87	489.90	494.85	2.11	ppb
Selenium	77-2	501.98	405.95	544.26	484.07	14.64	ppb
Selenium	78-2	491.01	482.51	515.91	496.48	3.50	ppb
Silicon	28-1	419.09	509.16	483.01	470.42	9.85	ppb
Silver	107-1	484.01	522.04	499.40	501.82	3.81	ppb
Silver	109-1	486.12	521.05	495.92	501.03	3.60	ppb
Sodium	23-2	51147.76	50608.03	52058.31	51271.37	1.43	ppb
Strontium	86-1	486.73	507.39	495.88	496.67	2.08	ppb
Strontium	88-1	496.19	522.13	501.25	506.52	2.71	ppb
Sulfur	34-1	6720.73	6694.58	4921.54	6112.28	16.87	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	486.28	502.91	476.55	488.58	2.73	ppb
Thallium	205-1	485.93	508.00	483.19	492.37	2.76	ppb
Tin	118-1	489.45	512.70	488.49	496.88	2.76	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BS	Instrumnet Name :	P8
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:28	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2390.64	2505.11	2379.13	2424.96	2.87	ppb
Uranium	238-1	484.37	509.34	487.86	493.86	2.74	ppb
Vanadium	51-2	494.78	496.40	507.44	499.54	1.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	4954.27	4984.83	5025.52	4988.20	0.72	ppb
Zirconium	90-1	496.47	508.79	499.47	501.58	1.28	ppb
Zirconium	91-1	482.65	508.13	497.00	495.93	2.58	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134950BL Instrumnet Name : P8
 Client Sample ID : PB134950BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:01:46 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.83	-0.13	-4.26	-2.07		ppb
Antimony	121-1	0.01	0.06	0.04	0.04	63.92	ppb
Arsenic	75-2	-0.01	-0.04	-0.08	-0.04		ppb
Barium	135-1	0.02	0.00	0.00	0.01	169.20	ppb
Barium	137-1	0.02	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.01	-0.01	0.02	0.01	151.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	6.82	7.33	7.45	7.20	4.62	ppb
Boron	11-1	7.00	7.11	6.60	6.91	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.09	0.03	0.03	179.40	ppb
Cadmium	106-1	-0.87	3.32	-0.28	0.73	312.69	ppb
Cadmium	108-1	0.00	0.22	-0.32	-0.03		ppb
Calcium	43-1	-10.53	-6.38	-7.96	-8.29		ppb
Calcium	44-1	-43.37	-41.93	-43.11	-42.80		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.06	0.14	0.10	45.74	ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	80.23	ppb
Copper	63-2	-0.11	-0.18	-0.17	-0.16		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				99		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.28	-0.44	-0.08	-0.08		ppb
Iron	57-2	-2.46	-2.13	-3.56	-2.72		ppb
Iron	54-2	1.33	0.57	0.53	0.81	56.01	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BL	Instrumnet Name :	P8
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:01:46	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.13	0.11	9.62	ppb
Lead	207-1	0.17	0.16	0.15	0.16	6.56	ppb
Lead	208-1	0.14	0.12	0.14	0.13	8.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	-0.37	-0.71	2.20	0.37	428.20	ppb
Manganese	55-2	-0.06	-0.08	-0.13	-0.09		ppb
Molybdenum	94-1	-0.06	0.01	-0.06	-0.04		ppb
Molybdenum	95-1	0.07	0.03	-0.02	0.03	162.83	ppb
Molybdenum	96-1	0.01	0.06	0.00	0.02	131.32	ppb
Molybdenum	97-1	0.03	0.06	0.01	0.03	86.35	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	27.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.06	0.01	853.44	ppb
Phosphorus	31-2	13.85	-81.20	14.43	-17.64		ppb
Potassium	39-2	-33.68	-18.22	-20.39	-24.09		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	1.10	0.35	0.46	0.64	63.18	ppb
Selenium	77-2	-4.42	3.34	-1.79	-0.96		ppb
Selenium	78-2	0.11	1.91	3.73	1.92	94.43	ppb
Silicon	28-1	-57.46	-53.05	-63.66	-58.06		ppb
Silver	107-1	0.02	0.02	0.00	0.01	86.72	ppb
Silver	109-1	0.01	0.00	0.00	0.00	153.24	ppb
Sodium	23-2	-1.29	0.15	-5.97	-2.37		ppb
Strontium	86-1	-0.38	-0.28	-0.18	-0.28		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-3188.17	-3183.30	-3446.28	-3272.58		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.02	0.03	0.00	0.01	85.21	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BL	Instrumnet Name :	P8
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:01:46	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.14	0.17	-0.26	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	1.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.02	-0.01	0.21	0.07	169.68	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	0.04	0.00	1408.90	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10075.30	9260.47	9409.24	9581.67	4.53	ppb
Antimony	121-1	493.48	509.58	521.84	508.30	2.80	ppb
Arsenic	75-2	498.56	457.63	473.89	476.69	4.32	ppb
Barium	135-1	2510.15	2526.10	2576.08	2537.44	1.36	ppb
Barium	137-1	2531.26	2515.80	2650.09	2565.71	2.86	ppb
Beryllium	9-1	508.76	534.84	552.84	532.15	4.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	10-1	402.04	472.08	525.64	466.59	13.28	ppb
Boron	11-1	404.56	466.35	526.22	465.71	13.06	ppb
Bromine	81-1						cps
Cadmium	111-1	495.65	502.14	518.63	505.47	2.34	ppb
Cadmium	106-1	482.32	494.73	514.45	497.17	3.26	ppb
Cadmium	108-1	498.40	494.24	525.08	505.91	3.31	ppb
Calcium	43-1	49349.52	49524.90	52887.05	50587.15	3.94	ppb
Calcium	44-1	49646.89	49922.72	54155.27	51241.63	4.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.71	459.12	462.10	471.98	4.18	ppb
Cobalt	59-2	493.92	454.57	465.96	471.49	4.29	ppb
Copper	63-2	5049.18	4702.36	4701.91	4817.82	4.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				110		%
Iron	56-2	25492.45	23460.08	24094.80	24349.11	4.27	ppb
Iron	57-2	25170.27	23667.70	23819.95	24219.31	3.41	ppb
Iron	54-2	25616.14	23770.97	24289.68	24558.93	3.87	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2512.00	2439.91	2640.73	2530.88	4.02	ppb
Lead	207-1	2467.29	2403.56	2547.60	2472.82	2.92	ppb
Lead	208-1	2468.93	2415.78	2545.09	2476.60	2.62	ppb
Lithium	6-1				94		%
Magnesium	24-2	53349.61	48483.84	48481.63	50105.02	5.61	ppb
Manganese	55-2	4975.95	4614.88	4664.52	4751.78	4.12	ppb
Molybdenum	94-1	2486.85	2567.50	2660.52	2571.62	3.38	ppb
Molybdenum	95-1	2459.68	2563.27	2692.83	2571.93	4.54	ppb
Molybdenum	96-1	2498.86	2544.94	2630.02	2557.94	2.60	ppb
Molybdenum	97-1	2524.86	2523.41	2659.70	2569.32	3.05	ppb
Molybdenum	98-1	2471.18	2499.47	2629.61	2533.42	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.76	457.12	470.99	475.62	4.46	ppb
Phosphorus	31-2	10005.05	8744.68	9184.13	9311.29	6.87	ppb
Potassium	39-2	26025.91	24304.98	24324.91	24885.27	3.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	503.63	494.04	518.72	505.46	2.46	ppb
Selenium	77-2	488.84	452.60	474.63	472.02	3.87	ppb
Selenium	78-2	502.76	464.16	483.91	483.61	3.99	ppb
Silicon	28-1	390.64	386.34	472.63	416.54	11.67	ppb
Silver	107-1	503.85	513.97	522.38	513.40	1.81	ppb
Silver	109-1	499.68	509.74	523.86	511.09	2.38	ppb
Sodium	23-2	51819.71	47427.69	46912.30	48719.90	5.54	ppb
Strontium	86-1	490.42	483.33	514.68	496.14	3.31	ppb
Strontium	88-1	505.08	505.25	525.99	512.11	2.35	ppb
Sulfur	34-1	7153.67	5927.09	9156.15	7412.31	21.99	ppb
Terbium	159-1				102		%
Terbium	159-2				111		%
Thallium	203-1	486.18	488.82	502.97	492.66	1.83	ppb
Thallium	205-1	498.00	503.89	506.52	502.80	0.87	ppb
Tin	118-1	494.60	497.27	518.97	503.62	2.65	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2445.99	2446.21	2610.97	2501.06	3.81	ppb
Uranium	238-1	491.21	492.97	496.38	493.52	0.53	ppb
Vanadium	51-2	493.97	453.32	467.95	471.75	4.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	4933.43	4552.53	4624.30	4703.42	4.30	ppb
Zirconium	90-1	492.13	505.37	533.65	510.38	4.16	ppb
Zirconium	91-1	488.08	499.53	526.18	504.59	3.87	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134947BL Instrumnet Name : P8
 Client Sample ID : PB134947BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:16:48 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.46	-0.09	-2.32	-1.29		ppb
Antimony	121-1	0.06	0.04	0.06	0.05	17.07	ppb
Arsenic	75-2	-0.05	-0.04	-0.03	-0.04		ppb
Barium	135-1	0.02	0.00	0.02	0.01	86.34	ppb
Barium	137-1	0.01	-0.01	0.02	0.00	511.94	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	39.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	9.68	8.83	9.05	9.19	4.82	ppb
Boron	11-1	10.00	9.83	9.82	9.89	1.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.03	-0.06	-0.03		ppb
Cadmium	106-1	-3.53	-0.71	-3.85	-2.69		ppb
Cadmium	108-1	-0.22	-0.11	-0.21	-0.18		ppb
Calcium	43-1	-8.31	-6.18	-5.08	-6.52		ppb
Calcium	44-1	-42.93	-37.90	-42.24	-41.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.12	-0.06	-0.07		ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	121.58	ppb
Copper	63-2	-0.18	-0.09	-0.18	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	-0.39	0.08	0.05	-0.09		ppb
Iron	57-2	-1.10	-2.42	-1.77	-1.77		ppb
Iron	54-2	0.40	2.61	1.38	1.46	75.74	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BL	Instrumnet Name :	P8
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.24	0.23	0.25	9.92	ppb
Lead	207-1	0.22	0.16	0.23	0.20	17.29	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.79	ppb
Lithium	6-1				92		%
Magnesium	24-2	-0.37	-2.12	0.15	-0.78		ppb
Manganese	55-2	-0.11	-0.04	0.03	-0.04		ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00		ppb
Molybdenum	95-1	0.10	0.02	0.02	0.05	95.76	ppb
Molybdenum	96-1	0.09	0.03	-0.02	0.04	144.58	ppb
Molybdenum	97-1	0.10	0.07	0.08	0.09	18.93	ppb
Molybdenum	98-1	0.05	0.07	0.04	0.05	25.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.04	-0.03	0.00		ppb
Phosphorus	31-2	-68.78	-5.66	-47.89	-40.78		ppb
Potassium	39-2	-26.07	-33.34	-13.78	-24.39		ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.41	2.88	0.71	1.06	157.93	ppb
Selenium	77-2	-4.42	-1.83	-1.84	-2.70		ppb
Selenium	78-2	4.37	3.80	0.27	2.82	78.88	ppb
Silicon	28-1	-79.77	-67.74	-71.67	-73.06		ppb
Silver	107-1	0.01	0.01	0.02	0.01	26.96	ppb
Silver	109-1	0.02	0.00	0.02	0.01	101.62	ppb
Sodium	23-2	-4.96	-5.01	-4.11	-4.69		ppb
Strontium	86-1	-0.34	0.15	-0.24	-0.14		ppb
Strontium	88-1	0.00	0.01	-0.01	0.00	2549.15	ppb
Sulfur	34-1	-4321.92	-2794.60	-4243.19	-3786.57		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	0.00	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BL	Instrumnet Name :	P8
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.05	0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	328.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.07	-0.03	0.09	-0.01		ppb
Zirconium	90-1	-0.01	0.02	0.02	0.01	167.92	ppb
Zirconium	91-1	0.01	0.02	-0.02	0.00	847.92	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BS	Instrumnet Name :	P8
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:19:38	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10187.51	10153.23	9965.00	10101.91	1.19	ppb
Antimony	121-1	510.52	510.44	515.97	512.31	0.62	ppb
Arsenic	75-2	513.62	508.50	498.59	506.90	1.51	ppb
Barium	135-1	2512.59	2542.54	2585.89	2547.01	1.45	ppb
Barium	137-1	2511.41	2553.25	2579.80	2548.15	1.35	ppb
Beryllium	9-1	512.96	522.22	525.42	520.20	1.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	402.02	461.43	510.72	458.06	11.88	ppb
Boron	11-1	400.87	461.80	506.94	456.54	11.66	ppb
Bromine	81-1						cps
Cadmium	111-1	498.63	502.23	511.67	504.17	1.34	ppb
Cadmium	106-1	507.44	500.68	513.44	507.19	1.26	ppb
Cadmium	108-1	498.11	502.57	500.12	500.27	0.45	ppb
Calcium	43-1	48954.67	50044.56	50347.99	49782.41	1.47	ppb
Calcium	44-1	48392.86	50374.11	50914.55	49893.84	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.25	500.66	497.50	499.80	0.40	ppb
Cobalt	59-2	505.31	503.30	496.75	501.79	0.89	ppb
Copper	63-2	5127.04	5165.94	5141.31	5144.77	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	25904.72	26450.23	25601.34	25985.43	1.66	ppb
Iron	57-2	25678.69	25722.92	25202.35	25534.66	1.13	ppb
Iron	54-2	26396.87	26321.15	26042.02	26253.35	0.71	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BS	Instrumnet Name :	P8
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:19:38	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2428.07	2485.49	2558.20	2490.59	2.62	ppb
Lead	207-1	2402.84	2429.37	2546.41	2459.54	3.11	ppb
Lead	208-1	2413.35	2458.52	2542.05	2471.30	2.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	53251.03	53460.86	51561.99	52757.96	1.97	ppb
Manganese	55-2	5119.62	5151.00	5075.13	5115.25	0.75	ppb
Molybdenum	94-1	2473.94	2510.46	2594.77	2526.39	2.45	ppb
Molybdenum	95-1	2413.65	2485.54	2549.01	2482.73	2.73	ppb
Molybdenum	96-1	2459.52	2536.18	2589.96	2528.56	2.59	ppb
Molybdenum	97-1	2430.92	2482.08	2663.86	2525.62	4.85	ppb
Molybdenum	98-1	2397.08	2452.11	2574.44	2474.54	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.89	500.52	497.76	500.72	0.61	ppb
Phosphorus	31-2	10236.09	10270.41	10293.61	10266.70	0.28	ppb
Potassium	39-2	26864.77	26859.83	25724.77	26483.12	2.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	479.95	486.76	500.62	489.11	2.15	ppb
Selenium	77-2	487.95	491.56	549.41	509.64	6.77	ppb
Selenium	78-2	510.26	523.35	499.92	511.18	2.30	ppb
Silicon	28-1	408.19	406.41	424.23	412.94	2.38	ppb
Silver	107-1	511.74	514.57	518.25	514.85	0.63	ppb
Silver	109-1	503.24	512.76	512.20	509.40	1.05	ppb
Sodium	23-2	51413.52	51872.34	51113.97	51466.61	0.74	ppb
Strontium	86-1	491.22	486.86	506.13	494.74	2.04	ppb
Strontium	88-1	512.54	512.99	524.73	516.75	1.34	ppb
Sulfur	34-1	7057.94	6175.24	6463.95	6565.71	6.85	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	492.10	486.02	502.64	493.58	1.70	ppb
Thallium	205-1	492.53	492.29	511.71	498.84	2.23	ppb
Tin	118-1	510.08	510.47	512.79	511.11	0.29	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BS	Instrumnet Name :	P8
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:19:38	DataFile Name :	048LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2418.86	2496.45	2500.13	2471.81	1.86	ppb
Uranium	238-1	483.94	497.30	519.18	500.14	3.56	ppb
Vanadium	51-2	503.73	506.56	496.98	502.42	0.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	5022.39	5035.62	4961.31	5006.44	0.79	ppb
Zirconium	90-1	484.33	494.18	508.56	495.69	2.46	ppb
Zirconium	91-1	485.04	492.06	512.60	496.57	2.88	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:22:28	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51512.16	50092.77	49839.49	50481.47	1.79	ppb
Antimony	121-1	511.22	517.42	503.23	510.62	1.39	ppb
Arsenic	75-2	503.57	499.10	506.19	502.95	0.71	ppb
Barium	135-1	2586.87	2591.02	2495.68	2557.86	2.11	ppb
Barium	137-1	2557.75	2514.53	2486.76	2519.68	1.42	ppb
Beryllium	9-1	519.12	522.05	526.47	522.55	0.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	518.45	544.96	573.08	545.50	5.01	ppb
Boron	11-1	520.89	561.31	584.36	555.52	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	500.82	501.16	491.10	497.69	1.15	ppb
Cadmium	106-1	492.31	486.69	470.60	483.20	2.33	ppb
Cadmium	108-1	496.69	502.32	489.41	496.14	1.30	ppb
Calcium	43-1	256135.71	253315.24	258039.09	255830.01	0.93	ppb
Calcium	44-1	257726.37	256514.70	257527.27	257256.11	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.27	507.43	502.19	508.96	1.50	ppb
Cobalt	59-2	511.16	501.15	495.37	502.56	1.59	ppb
Copper	63-2	5020.69	4858.40	4935.85	4938.31	1.64	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				108		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	130427.85	127671.81	129092.35	129064.00	1.07	ppb
Iron	57-2	132535.51	131020.88	127629.56	130395.32	1.93	ppb
Iron	54-2	132377.28	129386.08	128247.64	130003.67	1.64	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:22:28	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2640.71	2582.96	2525.43	2583.04	2.23	ppb
Lead	207-1	2610.28	2585.35	2509.43	2568.35	2.05	ppb
Lead	208-1	2584.20	2582.53	2490.41	2552.38	2.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	266189.56	258501.32	257613.56	260768.15	1.81	ppb
Manganese	55-2	5232.14	5104.40	5120.58	5152.38	1.35	ppb
Molybdenum	94-1	2575.40	2521.84	2604.07	2567.10	1.63	ppb
Molybdenum	95-1	2531.37	2576.36	2594.65	2567.46	1.27	ppb
Molybdenum	96-1	2479.25	2518.84	2604.92	2534.34	2.54	ppb
Molybdenum	97-1	2554.23	2574.01	2587.91	2572.05	0.66	ppb
Molybdenum	98-1	2590.11	2588.76	2555.33	2578.07	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.47	493.76	499.29	499.18	1.07	ppb
Phosphorus	31-2	10221.13	10532.06	9583.45	10112.21	4.78	ppb
Potassium	39-2	133013.22	128563.10	126699.04	129425.12	2.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	488.72	490.70	503.41	494.28	1.61	ppb
Selenium	77-2	491.38	544.21	517.35	517.64	5.10	ppb
Selenium	78-2	496.52	492.02	511.28	499.94	2.01	ppb
Silicon	28-1	447.78	489.83	494.51	477.37	5.39	ppb
Silver	107-1	519.04	528.74	512.27	520.02	1.59	ppb
Silver	109-1	526.14	519.47	510.75	518.79	1.49	ppb
Sodium	23-2	267888.01	256586.68	258834.81	261103.17	2.29	ppb
Strontium	86-1	513.23	508.79	509.36	510.46	0.47	ppb
Strontium	88-1	516.27	516.26	529.71	520.75	1.49	ppb
Sulfur	34-1	7758.94	7008.57	6637.99	7135.17	8.00	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	515.39	508.03	501.66	508.36	1.35	ppb
Thallium	205-1	518.15	506.34	506.16	510.22	1.35	ppb
Tin	118-1	514.77	505.46	496.81	505.68	1.78	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:22:28	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2615.07	2539.26	2522.97	2559.10	1.92	ppb
Uranium	238-1	522.64	521.77	513.50	519.30	0.97	ppb
Vanadium	51-2	520.16	507.84	501.48	509.83	1.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	4979.44	4863.35	4889.28	4910.69	1.24	ppb
Zirconium	90-1	505.93	523.94	508.03	512.63	1.92	ppb
Zirconium	91-1	496.23	515.07	521.14	510.81	2.54	ppb

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P8
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:32:32 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.28	-1.30	-0.16	-0.92		ppb
Antimony	121-1	0.09	0.10	0.12	0.10	11.85	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.02	0.00	0.05	0.02	113.74	ppb
Barium	137-1	0.03	0.01	0.01	0.01	84.72	ppb
Beryllium	9-1	0.07	0.08	0.03	0.06	45.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	19.70	18.77	18.20	18.89	4.01	ppb
Boron	11-1	19.61	19.22	19.12	19.32	1.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.03	-0.07	-0.07		ppb
Cadmium	106-1	-5.64	-1.42	-2.70	-3.26		ppb
Cadmium	108-1	-0.10	0.11	0.23	0.08	210.27	ppb
Calcium	43-1	2.54	-1.57	-4.77	-1.26		ppb
Calcium	44-1	-33.95	-40.13	-38.71	-37.60		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.07	0.17	0.10	55.49	ppb
Cobalt	59-2	0.01	0.03	0.00	0.02	94.00	ppb
Copper	63-2	-0.08	0.00	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.91	1.11	1.70	1.24	33.23	ppb
Iron	57-2	1.10	1.16	1.35	1.20	10.81	ppb
Iron	54-2	4.89	2.92	3.13	3.65	29.78	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:32:32	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.39	0.35	0.31	0.35	10.69	ppb
Lead	207-1	0.30	0.37	0.28	0.32	15.58	ppb
Lead	208-1	0.35	0.32	0.29	0.32	9.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.36	-0.48	1.76	0.88	135.50	ppb
Manganese	55-2	0.08	0.01	0.02	0.04	104.31	ppb
Molybdenum	94-1	-0.02	-0.05	0.02	-0.01		ppb
Molybdenum	95-1	0.12	0.07	0.07	0.09	37.03	ppb
Molybdenum	96-1	0.11	0.06	0.06	0.08	37.02	ppb
Molybdenum	97-1	0.20	0.09	0.08	0.13	50.92	ppb
Molybdenum	98-1	0.11	0.02	0.03	0.05	89.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.01	0.09	0.01	516.69	ppb
Phosphorus	31-2	-33.64	59.41	-38.02	-4.08		ppb
Potassium	39-2	10.50	-1.71	38.97	15.92	131.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-1.12	2.09	0.67	0.55	293.78	ppb
Selenium	77-2	-4.42	-1.85	3.99	-0.76		ppb
Selenium	78-2	3.49	1.86	2.41	2.59	32.05	ppb
Silicon	28-1	-23.25	-46.43	-38.04	-35.91		ppb
Silver	107-1	0.04	0.03	0.03	0.03	17.24	ppb
Silver	109-1	0.02	0.01	0.03	0.02	42.22	ppb
Sodium	23-2	38.62	29.70	35.13	34.49	13.03	ppb
Strontium	86-1	-0.01	-0.07	-0.21	-0.10		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	247.77	ppb
Sulfur	34-1	-1070.27	-3181.88	-2917.94	-2390.03		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.05	0.02	0.02	150.46	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:32:32	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.06	-0.01	0.07	116.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	96.96	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	4.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.46	0.15	0.13	0.25	75.22	ppb
Zirconium	90-1	0.03	0.02	0.00	0.02	94.32	ppb
Zirconium	91-1	0.01	0.01	0.05	0.02	117.81	ppb

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391	415	375	394	5.11	cps
Antimony	121-1	17	25	8	17	50.01	cps
Arsenic	75-2	10	8	13	10	24.35	cps
Barium	135-1	0	25	0	8	173.21	cps
Barium	137-1	17	17	50	28	69.27	cps
Beryllium	9-1	22	20	22	21	5.41	cps
Bismuth	209-1	2783152	2735980	2834247	2784460	1.77	cps
Bismuth	209-2	1574525	1574349	1571753	1573542	0.10	cps
Boron	10-1	46	40	24	37	31.01	cps
Boron	11-1	204	198	146	183	17.46	cps
Bromine	81-1	3414	3514	3754	3561	4.91	cps
Cadmium	111-1	407	417	397	407	2.46	cps
Cadmium	106-1	2117	2109	2059	2095	1.51	cps
Cadmium	108-1	29	13	21	21	40.01	cps
Calcium	43-1	245	231	220	232	5.40	cps
Calcium	44-1	15927	15978	15735	15880	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680	763	733	726	5.82	cps
Cobalt	59-2	33	30	27	30	11.10	cps
Copper	63-2	625	619	655	633	3.11	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	25	33	92	50	72.65	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	4904232	4837895	4943590	4895239	1.09	cps
Holmium	165-2	2275575	2246179	2272639	2264798	0.71	cps
Indium	115-1	4584831	4491791	4524145	4533589	1.04	cps
Indium	115-2	737948	734848	727239	733345	0.75	cps
Iron	56-2	2656	2761	2767	2728	2.30	cps
Iron	57-2	161	156	83	133	32.54	cps
Iron	54-2	539	389	378	435	20.68	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	847	797	848	6.10	cps
Lead	206-1	106	78	61	81	27.56	cps
Lead	207-1	50	83	56	63	28.37	cps
Lead	208-1	278	350	222	283	22.61	cps
Lithium	6-1	1436354	1410552	1455099	1434002	1.56	cps
Magnesium	24-2	425	450	525	467	11.15	cps
Manganese	55-2	57	100	123	93	36.25	cps
Molybdenum	94-1	108	183	167	153	25.78	cps
Molybdenum	95-1	33	42	8	28	62.46	cps
Molybdenum	96-1	75	92	17	61	64.44	cps
Molybdenum	97-1	0	17	17	11	86.60	cps
Molybdenum	98-1	50	25	50	42	34.64	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	37	67	54	28.93	cps
Phosphorus	31-2	192	158	225	192	17.39	cps
Potassium	39-2	25690	25014	24396	25033	2.59	cps
Rhodium	103-1	4500422	4411247	4533271	4481647	1.41	cps
Rhodium	103-2	2075072	2056580	2091036	2074229	0.83	cps
Scandium	45-1	3156508	3204747	3072781	3144679	2.12	cps
Scandium	45-2	131550	128673	127863	129362	1.50	cps
Selenium	82-1	361	380	409	384	6.29	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	23	30	37	30	23.33	cps
Silicon	28-1	973038	977323	981121	977161	0.41	cps
Silver	107-1	8	25	42	25	66.68	cps
Silver	109-1	8	17	42	22	78.07	cps
Sodium	23-2	27694	28078	27735	27836	0.76	cps
Strontium	86-1	1650	1383	1267	1433	13.71	cps
Strontium	88-1	100	75	75	83	17.32	cps
Sulfur	34-1	394461	394710	397603	395591	0.44	cps
Terbium	159-1	5192348	5185938	5109388	5162558	0.89	cps
Terbium	159-2	2331087	2296064	2327619	2318257	0.83	cps
Thallium	203-1	42	33	42	39	12.38	cps
Thallium	205-1	108	75	92	92	18.18	cps
Tin	118-1	158	225	283	222	28.14	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:40:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	250	267	261	3.69	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	10024883	10285323	10291866	10200691	1.49	cps
Yttrium	89-2	1189192	1193332	1173518	1185347	0.88	cps
Zinc	66-2	43	110	83	79	42.54	cps
Zirconium	90-1	217	350	342	303	24.67	cps
Zirconium	91-1	17	83	83	61	62.98	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:47:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	740	787	784	770	3.43	cps
Antimony	121-1	4551	4693	4726	4656	2.00	cps
Arsenic	75-2	106	97	74	92	17.87	cps
Barium	135-1	4876	4826	5168	4957	3.72	cps
Barium	137-1	8311	8803	8478	8531	2.93	cps
Beryllium	9-1	596	522	560	559	6.62	cps
Bismuth	209-1	2752103	2777230	2842224	2790519	1.67	cps
Bismuth	209-2	1617566	1574305	1564301	1585391	1.79	cps
Boron	10-1	1070	1188	1172	1143	5.60	cps
Boron	11-1	5154	5436	5728	5439	5.28	cps
Bromine	81-1	3354	3334	4175	3621	13.25	cps
Cadmium	111-1	1073	897	1013	994	9.00	cps
Cadmium	106-1	2492	2384	2059	2311	9.76	cps
Cadmium	108-1	42	96	58	65	42.50	cps
Calcium	43-1	3406	3415	3468	3430	0.97	cps
Calcium	44-1	67834	68576	69084	68498	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2220	2314	2280	2271	2.08	cps
Cobalt	59-2	1380	1337	1367	1361	1.63	cps
Copper	63-2	2368	2407	2502	2426	2.84	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	20	3	23	16	68.90	cps
Holmium	165-1	4764464	4900617	4843544	4836208	1.41	cps
Holmium	165-2	2301446	2271508	2314186	2295713	0.95	cps
Indium	115-1	4557224	4552412	4451780	4520472	1.32	cps
Indium	115-2	752476	743255	744530	746753	0.67	cps
Iron	56-2	32064	32554	33857	32825	2.82	cps
Iron	57-2	850	878	811	846	3.96	cps
Iron	54-2	2145	1972	2228	2115	6.16	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:47:07	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	870	907	857	878	2.95	cps
Lead	206-1	1283	1356	1456	1365	6.34	cps
Lead	207-1	1233	1133	1011	1126	9.89	cps
Lead	208-1	5028	5434	5606	5356	5.54	cps
Lithium	6-1	1403204	1407027	1421916	1410716	0.70	cps
Magnesium	24-2	28754	28637	28036	28476	1.35	cps
Manganese	55-2	463	457	443	454	2.24	cps
Molybdenum	94-1	4809	5001	5109	4973	3.06	cps
Molybdenum	95-1	5968	6568	6010	6182	5.42	cps
Molybdenum	96-1	6252	6435	7169	6618	7.33	cps
Molybdenum	97-1	3551	3325	3567	3481	3.88	cps
Molybdenum	98-1	9237	9879	9595	9570	3.36	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	470	480	510	487	4.28	cps
Phosphorus	31-2	192	200	158	183	12.03	cps
Potassium	39-2	47479	47144	47237	47287	0.37	cps
Rhodium	103-1	4451133	4551536	4487516	4496728	1.13	cps
Rhodium	103-2	2134984	2125417	2077611	2112671	1.45	cps
Scandium	45-1	3136514	3157381	3200164	3164686	1.03	cps
Scandium	45-2	131498	131486	129151	130712	1.03	cps
Selenium	82-1	533	594	519	548	7.26	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	71	51	62	61	16.33	cps
Silicon	28-1	966200	991473	973550	977074	1.33	cps
Silver	107-1	2442	2759	2817	2673	7.55	cps
Silver	109-1	2484	2350	2417	2417	2.76	cps
Sodium	23-2	82533	82315	81981	82276	0.34	cps
Strontium	86-1	1909	1942	2117	1989	5.63	cps
Strontium	88-1	6477	6402	6427	6435	0.59	cps
Sulfur	34-1	400449	395997	400680	399042	0.66	cps
Terbium	159-1	5069201	5104463	5078178	5083947	0.36	cps
Terbium	159-2	2388454	2362380	2298269	2349701	1.98	cps
Thallium	203-1	1684	1442	1775	1633	10.54	cps
Thallium	205-1	3834	4109	4017	3987	3.51	cps
Tin	118-1	8570	8620	9545	8911	6.16	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:47:07	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2134	2009	1867	2003	6.66	cps
Uranium	238-1	4109	4001	4459	4190	5.72	cps
Vanadium	51-2	3024	3210	3037	3090	3.37	cps
Yttrium	89-1	9959009	10181895	10206729	10115878	1.35	cps
Yttrium	89-2	1210523	1190934	1203291	1201583	0.82	cps
Zinc	66-2	313	290	303	302	3.87	cps
Zirconium	90-1	4034	4618	4493	4381	7.01	cps
Zirconium	91-1	1125	992	958	1025	8.60	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:50:17 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19670	19494	19920	19695	1.09	cps
Antimony	121-1	121588	119487	119823	120299	0.94	cps
Arsenic	75-2	4379	4266	4349	4331	1.35	cps
Barium	135-1	128043	127119	134397	129853	3.05	cps
Barium	137-1	223017	224087	223968	223690	0.26	cps
Beryllium	9-1	28131	28153	27959	28081	0.38	cps
Bismuth	209-1	2849024	2819937	2768132	2812364	1.46	cps
Bismuth	209-2	1599249	1603161	1601875	1601428	0.12	cps
Boron	10-1	2018	2194	2244	2152	5.52	cps
Boron	11-1	10063	10804	11542	10803	6.84	cps
Bromine	81-1	3754	3484	3444	3561	4.74	cps
Cadmium	111-1	26344	25756	26917	26339	2.20	cps
Cadmium	106-1	5009	5101	4968	5026	1.36	cps
Cadmium	108-1	2067	2038	2084	2063	1.12	cps
Calcium	43-1	34072	33373	33867	33771	1.06	cps
Calcium	44-1	570409	572574	571453	571478	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40036	39481	39110	39542	1.18	cps
Cobalt	59-2	66970	66525	67201	66898	0.51	cps
Copper	63-2	498379	488725	494043	493716	0.98	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	17	27	33	26	32.81	cps
Holmium	165-1	4882850	4877270	4896062	4885394	0.20	cps
Holmium	165-2	2349022	2330255	2294872	2324716	1.18	cps
Indium	115-1	4563294	4780000	4531088	4624794	2.93	cps
Indium	115-2	755040	752205	754737	753994	0.21	cps
Iron	56-2	1572775	1539767	1510783	1541108	2.01	cps
Iron	57-2	37912	37466	36675	37351	1.68	cps
Iron	54-2	86952	85097	85834	85961	1.09	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:50:17	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	893	817	861	4.62	cps
Lead	206-1	325529	325808	330173	327170	0.80	cps
Lead	207-1	297551	296408	296966	296975	0.19	cps
Lead	208-1	1318362	1329472	1341121	1329652	0.86	cps
Lithium	6-1	1429939	1458970	1424959	1437956	1.28	cps
Magnesium	24-2	297590	297469	298478	297845	0.19	cps
Manganese	55-2	191072	189414	187775	189420	0.87	cps
Molybdenum	94-1	254509	259148	258863	257507	1.01	cps
Molybdenum	95-1	314205	324797	324753	321252	1.90	cps
Molybdenum	96-1	345229	349739	357684	350884	1.80	cps
Molybdenum	97-1	192387	192884	193978	193083	0.42	cps
Molybdenum	98-1	508667	497440	507336	504481	1.22	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	18459	19040	18532	18677	1.69	cps
Phosphorus	31-2	1533	1458	1367	1453	5.75	cps
Potassium	39-2	140303	141926	138948	140393	1.06	cps
Rhodium	103-1	4537348	4586818	4496443	4540203	1.00	cps
Rhodium	103-2	2135779	2132194	2124293	2130755	0.28	cps
Scandium	45-1	3164855	3207148	3137932	3169978	1.10	cps
Scandium	45-2	133652	131836	130271	131919	1.28	cps
Selenium	82-1	2317	2346	2312	2325	0.80	cps
Selenium	77-2	100	83	97	93	9.45	cps
Selenium	78-2	250	265	233	249	6.42	cps
Silicon	28-1	1058990	1071726	1072974	1067896	0.72	cps
Silver	107-1	142222	142019	145698	143313	1.44	cps
Silver	109-1	135546	137642	135145	136111	0.99	cps
Sodium	23-2	596500	603619	597169	599096	0.66	cps
Strontium	86-1	39640	39548	39607	39599	0.12	cps
Strontium	88-1	322171	322668	325040	323293	0.47	cps
Sulfur	34-1	402420	408799	407904	406374	0.85	cps
Terbium	159-1	5135132	5357114	5195911	5229386	2.19	cps
Terbium	159-2	2351672	2328504	2329258	2336478	0.56	cps
Thallium	203-1	80534	80299	82363	81065	1.39	cps
Thallium	205-1	190286	195046	191461	192264	1.29	cps
Tin	118-1	87539	90013	89216	88922	1.42	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:50:17	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	90158	91978	93329	91822	1.73	cps
Uranium	238-1	220016	224307	220889	221737	1.02	cps
Vanadium	51-2	32176	32103	30840	31706	2.37	cps
Yttrium	89-1	10361926	10385614	10286119	10344553	0.50	cps
Yttrium	89-2	1211364	1218795	1217416	1215858	0.33	cps
Zinc	66-2	62423	61108	60967	61499	1.31	cps
Zirconium	90-1	200544	204095	208384	204341	1.92	cps
Zirconium	91-1	45065	47164	46044	46091	2.28	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:53:26 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48192	47809	48606	48202	0.83	cps
Antimony	121-1	302449	302882	302183	302505	0.12	cps
Arsenic	75-2	10959	10806	11007	10924	0.96	cps
Barium	135-1	319873	325466	324985	323441	0.96	cps
Barium	137-1	562047	566418	570090	566185	0.71	cps
Beryllium	9-1	69621	69591	69573	69595	0.03	cps
Bismuth	209-1	2818872	2784871	2812389	2805377	0.64	cps
Bismuth	209-2	1622264	1612328	1605187	1613259	0.53	cps
Boron	10-1	4876	5288	5486	5217	5.97	cps
Boron	11-1	24734	25952	27793	26159	5.89	cps
Bromine	81-1	3594	3734	3214	3514	7.67	cps
Cadmium	111-1	66455	65035	64741	65410	1.40	cps
Cadmium	106-1	9453	8895	9270	9206	3.09	cps
Cadmium	108-1	5172	4768	5630	5190	8.32	cps
Calcium	43-1	83611	83844	84783	84080	0.74	cps
Calcium	44-1	1404064	1440103	1461577	1435248	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99446	98288	98835	98856	0.59	cps
Cobalt	59-2	165041	166677	165004	165574	0.58	cps
Copper	63-2	1229191	1235327	1223671	1229396	0.47	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	20	3	17	13	66.16	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	58	75	83	72	17.62	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	4758727	4874940	4727697	4787121	1.62	cps
Holmium	165-2	2336289	2378596	2348228	2354371	0.93	cps
Indium	115-1	4531356	4466735	4525042	4507711	0.79	cps
Indium	115-2	761741	759101	760829	760557	0.18	cps
Iron	56-2	3831164	3803068	3815152	3816461	0.37	cps
Iron	57-2	94321	93934	96149	94801	1.25	cps
Iron	54-2	211315	212216	213737	212422	0.58	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:53:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	880	930	856	10.43	cps
Lead	206-1	827818	807580	828653	821350	1.45	cps
Lead	207-1	745553	738354	742990	742299	0.49	cps
Lead	208-1	3354861	3345762	3361272	3353965	0.23	cps
Lithium	6-1	1392291	1445608	1379998	1405965	2.48	cps
Magnesium	24-2	745798	744239	741223	743753	0.31	cps
Manganese	55-2	468597	472998	466052	469216	0.75	cps
Molybdenum	94-1	641089	639371	639791	640084	0.14	cps
Molybdenum	95-1	793951	807054	796013	799006	0.88	cps
Molybdenum	96-1	864159	873447	877617	871741	0.79	cps
Molybdenum	97-1	488159	482824	491071	487351	0.86	cps
Molybdenum	98-1	1262445	1255337	1270472	1262751	0.60	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	45934	46439	46425	46266	0.62	cps
Phosphorus	31-2	3551	3117	3350	3339	6.50	cps
Potassium	39-2	317536	313134	318589	316420	0.91	cps
Rhodium	103-1	4448387	4489703	4410524	4449538	0.89	cps
Rhodium	103-2	2164727	2113512	2161227	2146489	1.33	cps
Scandium	45-1	3216435	3242458	3216858	3225250	0.46	cps
Scandium	45-2	133776	134029	133080	133629	0.37	cps
Selenium	82-1	5291	5213	5274	5259	0.78	cps
Selenium	77-2	130	153	150	144	8.74	cps
Selenium	78-2	561	584	571	572	2.02	cps
Silicon	28-1	1194531	1204394	1218088	1205671	0.98	cps
Silver	107-1	360029	362359	363494	361961	0.49	cps
Silver	109-1	342402	336038	338682	339040	0.94	cps
Sodium	23-2	1443309	1466734	1445678	1451907	0.89	cps
Strontium	86-1	95862	94269	99017	96383	2.51	cps
Strontium	88-1	807753	810726	812564	810348	0.30	cps
Sulfur	34-1	421763	420249	422504	421505	0.27	cps
Terbium	159-1	5106366	5113615	5159199	5126393	0.56	cps
Terbium	159-2	2363151	2410959	2392816	2388975	1.01	cps
Thallium	203-1	199855	201421	201135	200804	0.42	cps
Thallium	205-1	475010	478207	481188	478135	0.65	cps
Tin	118-1	219744	223657	222246	221882	0.89	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:53:26	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	229252	224782	232653	228896	1.72	cps
Uranium	238-1	563323	555206	569402	562644	1.27	cps
Vanadium	51-2	79066	78514	79184	78921	0.45	cps
Yttrium	89-1	10240797	10279974	10284654	10268475	0.23	cps
Yttrium	89-2	1233800	1225366	1235863	1231676	0.45	cps
Zinc	66-2	151789	155153	153831	153591	1.10	cps
Zirconium	90-1	513091	515209	517596	515299	0.44	cps
Zirconium	91-1	113401	110807	117948	114052	3.17	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97903	96092	96565	96853	0.97	cps
Antimony	121-1	610955	615870	610209	612345	0.50	cps
Arsenic	75-2	21860	21803	21763	21809	0.22	cps
Barium	135-1	653412	660133	649273	654273	0.84	cps
Barium	137-1	1129343	1127381	1131725	1129483	0.19	cps
Beryllium	9-1	139249	142790	141044	141027	1.26	cps
Bismuth	209-1	2803347	2769626	2646064	2739679	3.02	cps
Bismuth	209-2	1636419	1655238	1649710	1647122	0.59	cps
Boron	10-1	9771	10290	11312	10458	7.50	cps
Boron	11-1	48925	51347	55097	51790	6.01	cps
Bromine	81-1	3254	3925	3935	3704	10.54	cps
Cadmium	111-1	130698	132193	131180	131357	0.58	cps
Cadmium	106-1	16368	16978	17103	16816	2.34	cps
Cadmium	108-1	10029	10116	10108	10084	0.48	cps
Calcium	43-1	168332	170463	170294	169696	0.70	cps
Calcium	44-1	2812702	2808197	2794078	2804992	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197220	195606	193883	195570	0.85	cps
Cobalt	59-2	335946	326906	331458	331437	1.36	cps
Copper	63-2	2463917	2378156	2420695	2420923	1.77	cps
Dysprosium	156-1	42	42	67	50	28.87	cps
Dysprosium	156-2	23	7	30	20	60.08	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	57	47	33	46	25.70	cps
Holmium	165-1	4848047	4861589	4637386	4782341	2.63	cps
Holmium	165-2	2409746	2406858	2354302	2390302	1.31	cps
Indium	115-1	4524212	4420359	4250669	4398413	3.14	cps
Indium	115-2	757102	771448	769143	765898	1.01	cps
Iron	56-2	7541145	7403667	7393822	7446211	1.11	cps
Iron	57-2	192202	186725	187921	188949	1.52	cps
Iron	54-2	430600	418682	422902	424061	1.43	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	877	900	912	4.71	cps
Lead	206-1	1670584	1692252	1649136	1670657	1.29	cps
Lead	207-1	1472200	1481781	1497230	1483737	0.85	cps
Lead	208-1	6706220	6795411	6780603	6760745	0.71	cps
Lithium	6-1	1334967	1421055	1384195	1380073	3.13	cps
Magnesium	24-2	1481485	1472454	1459661	1471200	0.75	cps
Manganese	55-2	945037	928197	938468	937234	0.91	cps
Molybdenum	94-1	1298265	1291942	1295878	1295362	0.25	cps
Molybdenum	95-1	1592717	1583035	1626924	1600892	1.44	cps
Molybdenum	96-1	1790404	1742320	1747074	1759933	1.51	cps
Molybdenum	97-1	984945	1006827	989145	993639	1.17	cps
Molybdenum	98-1	2518434	2550095	2547094	2538541	0.69	cps
Neodymium	150-1	60	33	27	40	44.09	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	92552	89707	92270	91510	1.71	cps
Phosphorus	31-2	6335	6210	6193	6246	1.24	cps
Potassium	39-2	613322	604470	603201	606998	0.91	cps
Rhodium	103-1	4516205	4446940	4289306	4417484	2.63	cps
Rhodium	103-2	2091366	2174419	2140390	2135392	1.96	cps
Scandium	45-1	3299876	3129504	3051014	3160131	4.03	cps
Scandium	45-2	131761	131401	133493	132218	0.85	cps
Selenium	82-1	10082	10253	9977	10104	1.38	cps
Selenium	77-2	297	317	357	323	9.45	cps
Selenium	78-2	1150	1117	1110	1126	1.90	cps
Silicon	28-1	1418932	1475882	1471263	1455359	2.17	cps
Silver	107-1	730213	721720	726084	726006	0.59	cps
Silver	109-1	686206	682930	689328	686155	0.47	cps
Sodium	23-2	2858658	2823699	2841026	2841128	0.62	cps
Strontium	86-1	188849	188638	191771	189753	0.92	cps
Strontium	88-1	1612722	1643723	1637722	1631389	1.01	cps
Sulfur	34-1	446258	448380	448463	447700	0.28	cps
Terbium	159-1	5115344	5188435	4909848	5071209	2.85	cps
Terbium	159-2	2326892	2393280	2449250	2389808	2.56	cps
Thallium	203-1	404894	409468	407992	407451	0.57	cps
Thallium	205-1	943084	985120	963227	963811	2.18	cps
Tin	118-1	449211	449230	454276	450905	0.65	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:56:32	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	459852	464214	460227	461431	0.52	cps
Uranium	238-1	1131997	1151303	1150071	1144457	0.94	cps
Vanadium	51-2	159760	158322	155787	157956	1.27	cps
Yttrium	89-1	10508718	10244776	9843785	10199093	3.28	cps
Yttrium	89-2	1207135	1242629	1247931	1232565	1.80	cps
Zinc	66-2	304537	298854	302906	302099	0.97	cps
Zirconium	90-1	1045354	1034115	1036695	1038721	0.57	cps
Zirconium	91-1	232323	230328	234586	232412	0.92	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190600	193306	191407	191771	0.72	cps
Antimony	121-1	1234792	1233019	1232795	1233535	0.09	cps
Arsenic	75-2	43795	43795	43822	43804	0.04	cps
Barium	135-1	1327478	1325974	1310899	1321451	0.69	cps
Barium	137-1	2301923	2253645	2310882	2288817	1.35	cps
Beryllium	9-1	280106	282453	285145	282568	0.89	cps
Bismuth	209-1	2913701	2885024	2923584	2907436	0.69	cps
Bismuth	209-2	1624672	1670386	1630558	1641872	1.51	cps
Boron	10-1	20106	21247	22563	21305	5.77	cps
Boron	11-1	98660	107640	112372	106224	6.56	cps
Bromine	81-1	3464	3354	3845	3554	7.24	cps
Cadmium	111-1	262040	265908	268162	265370	1.17	cps
Cadmium	106-1	31378	31653	32029	31687	1.03	cps
Cadmium	108-1	19944	20762	20461	20389	2.03	cps
Calcium	43-1	340084	343222	341966	341758	0.46	cps
Calcium	44-1	5688127	5665219	5695187	5682844	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392529	396492	392376	393799	0.59	cps
Cobalt	59-2	657586	664650	656704	659647	0.66	cps
Copper	63-2	4795194	4768210	4671382	4744929	1.37	cps
Dysprosium	156-1	108	125	133	122	10.41	cps
Dysprosium	156-2	40	33	27	33	20.00	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	133	117	100	117	14.29	cps
Gadolinium	160-2	67	47	57	57	17.65	cps
Holmium	165-1	5046747	5179858	5059299	5095301	1.44	cps
Holmium	165-2	2385542	2534774	2448091	2456136	3.05	cps
Indium	115-1	4652642	4693720	4658028	4668130	0.48	cps
Indium	115-2	770820	775611	761396	769276	0.94	cps
Iron	56-2	15202488	15065057	14799759	15022435	1.36	cps
Iron	57-2	377883	380317	371783	376661	1.17	cps
Iron	54-2	845921	870935	845485	854114	1.71	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	790	797	828	7.22	cps
Lead	206-1	3397301	3370656	3515311	3427756	2.25	cps
Lead	207-1	3105541	3164118	3174804	3148155	1.18	cps
Lead	208-1	13656174	13766668	14051209	13824684	1.47	cps
Lithium	6-1	1516222	1548101	1454369	1506231	3.16	cps
Magnesium	24-2	2941938	2896935	2887902	2908925	1.00	cps
Manganese	55-2	1850073	1945494	1877111	1890892	2.60	cps
Molybdenum	94-1	2525128	2537535	2571185	2544616	0.94	cps
Molybdenum	95-1	3181721	3225312	3175647	3194227	0.85	cps
Molybdenum	96-1	3479663	3468455	3462460	3470193	0.25	cps
Molybdenum	97-1	1964821	1961943	1985570	1970778	0.65	cps
Molybdenum	98-1	5031479	5118950	5086158	5078862	0.87	cps
Neodymium	150-1	60	133	80	91	41.61	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	181468	183396	181232	182032	0.65	cps
Phosphorus	31-2	12439	12572	12531	12514	0.55	cps
Potassium	39-2	1183312	1182412	1172662	1179462	0.50	cps
Rhodium	103-1	4693913	4657546	4518540	4623333	2.00	cps
Rhodium	103-2	2182416	2187549	2129814	2166593	1.47	cps
Scandium	45-1	3261974	3294884	3232447	3263102	0.96	cps
Scandium	45-2	131347	135795	133473	133538	1.67	cps
Selenium	82-1	19615	19816	19584	19672	0.64	cps
Selenium	77-2	657	730	640	676	7.09	cps
Selenium	78-2	2315	2291	2114	2240	4.90	cps
Silicon	28-1	1865703	1920720	1966826	1917749	2.64	cps
Silver	107-1	1469900	1467866	1474589	1470785	0.23	cps
Silver	109-1	1363299	1384680	1376989	1374989	0.79	cps
Sodium	23-2	5530577	5674072	5501413	5568687	1.66	cps
Strontium	86-1	386024	386314	380285	384208	0.88	cps
Strontium	88-1	3265163	3231612	3215248	3237341	0.79	cps
Sulfur	34-1	497337	508801	502241	502793	1.14	cps
Terbium	159-1	5363105	5321712	5449889	5378236	1.22	cps
Terbium	159-2	2430113	2486473	2422875	2446487	1.42	cps
Thallium	203-1	808315	844311	834180	828935	2.24	cps
Thallium	205-1	1901107	1928127	1957955	1929063	1.47	cps
Tin	118-1	898881	918216	921654	912917	1.34	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:59:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	902303	928743	921341	917462	1.49	cps
Uranium	238-1	2300116	2312767	2312455	2308446	0.31	cps
Vanadium	51-2	317432	319858	314756	317348	0.80	cps
Yttrium	89-1	10767899	10757329	10555696	10693642	1.12	cps
Yttrium	89-2	1243086	1263537	1238744	1248456	1.06	cps
Zinc	66-2	612149	610509	609086	610581	0.25	cps
Zirconium	90-1	2047314	2118311	2062553	2076059	1.80	cps
Zirconium	91-1	454827	461103	467582	461171	1.38	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:02:31 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383770	377735	377287	379597	0.95	cps
Antimony	121-1	2421457	2459629	2495330	2458805	1.50	cps
Arsenic	75-2	89048	87204	87057	87769	1.26	cps
Barium	135-1	2594971	2633628	2706124	2644908	2.13	cps
Barium	137-1	4591657	4640979	4705603	4646080	1.23	cps
Beryllium	9-1	574801	569929	576813	573847	0.62	cps
Bismuth	209-1	2804505	2860084	2988204	2884265	3.27	cps
Bismuth	209-2	1648976	1702417	1678725	1676706	1.60	cps
Boron	10-1	42274	44791	46516	44527	4.79	cps
Boron	11-1	207862	218737	229870	218823	5.03	cps
Bromine	81-1	3434	3544	3484	3487	1.58	cps
Cadmium	111-1	527284	529439	531520	529414	0.40	cps
Cadmium	106-1	59580	59813	60082	59825	0.42	cps
Cadmium	108-1	40083	40125	41324	40511	1.74	cps
Calcium	43-1	693982	701348	695698	697009	0.55	cps
Calcium	44-1	11628112	11694324	11111254	11477897	2.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	784959	774884	768239	776027	1.08	cps
Cobalt	59-2	1324109	1309140	1295287	1309512	1.10	cps
Copper	63-2	9427305	9482916	9288008	9399410	1.07	cps
Dysprosium	156-1	183	200	158	181	11.62	cps
Dysprosium	156-2	60	87	87	78	19.80	cps
Erbium	164-1	75	33	108	72	52.04	cps
Erbium	164-2	33	17	43	31	43.29	cps
Gadolinium	160-1	233	275	192	233	17.86	cps
Gadolinium	160-2	143	110	67	107	36.04	cps
Holmium	165-1	4860442	5031884	5185872	5026066	3.24	cps
Holmium	165-2	2414212	2445929	2412351	2424164	0.78	cps
Indium	115-1	4568667	4542870	4742026	4617854	2.35	cps
Indium	115-2	739684	753008	748635	747109	0.91	cps
Iron	56-2	30384518	29942938	29585508	29970988	1.34	cps
Iron	57-2	757073	745691	739614	747459	1.19	cps
Iron	54-2	1692633	1678916	1644600	1672050	1.48	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:02:31	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	717	723	741	4.95	cps
Lead	206-1	6741653	6846019	6975099	6854257	1.71	cps
Lead	207-1	6196167	6275907	6471105	6314393	2.24	cps
Lead	208-1	27902618	27682633	28653004	28079419	1.81	cps
Lithium	6-1	1430087	1507203	1522455	1486582	3.33	cps
Magnesium	24-2	5757480	5646836	5604035	5669450	1.40	cps
Manganese	55-2	3804590	3740603	3641637	3728943	2.20	cps
Molybdenum	94-1	5172376	5169069	5180765	5174070	0.12	cps
Molybdenum	95-1	6388236	6564343	6507203	6486594	1.39	cps
Molybdenum	96-1	7038122	7102926	7065938	7068995	0.46	cps
Molybdenum	97-1	3966624	4016783	3993008	3992138	0.63	cps
Molybdenum	98-1	10242849	10284675	10228488	10252004	0.28	cps
Neodymium	150-1	120	160	107	129	21.54	cps
Neodymium	150-2	30	30	40	33	17.32	cps
Nickel	60-2	365397	359803	356440	360546	1.25	cps
Phosphorus	31-2	24279	24546	24380	24402	0.55	cps
Potassium	39-2	2275659	2193050	2205647	2224785	2.00	cps
Rhodium	103-1	4363503	4605675	4690493	4553224	3.73	cps
Rhodium	103-2	2081282	2048685	2081972	2070646	0.92	cps
Scandium	45-1	3185040	3224073	3327916	3245676	2.28	cps
Scandium	45-2	129427	130322	129862	129871	0.34	cps
Selenium	82-1	39599	39593	39425	39539	0.25	cps
Selenium	77-2	1273	1350	1267	1297	3.57	cps
Selenium	78-2	4251	4371	4284	4302	1.44	cps
Silicon	28-1	2403049	2385473	2411911	2400144	0.56	cps
Silver	107-1	2869463	2860395	2873946	2867935	0.24	cps
Silver	109-1	2719539	2747613	2719970	2729041	0.59	cps
Sodium	23-2	11197908	10992847	11059401	11083385	0.94	cps
Strontium	86-1	776709	770247	772022	772992	0.43	cps
Strontium	88-1	6439810	6354093	6340945	6378283	0.84	cps
Sulfur	34-1	615053	612584	602447	610028	1.10	cps
Terbium	159-1	5254768	5340033	5619791	5404864	3.53	cps
Terbium	159-2	2369891	2453457	2474696	2432682	2.28	cps
Thallium	203-1	1674399	1714070	1669737	1686069	1.44	cps
Thallium	205-1	3982804	3943453	4037857	3988038	1.19	cps
Tin	118-1	1819600	1790038	1838454	1816031	1.34	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:02:31	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1850758	1813488	1822936	1829061	1.06	cps
Uranium	238-1	4678789	4582091	4665729	4642203	1.13	cps
Vanadium	51-2	635646	628497	624892	629679	0.87	cps
Yttrium	89-1	10325901	10725857	10890335	10647364	2.73	cps
Yttrium	89-2	1216562	1218344	1225502	1220136	0.39	cps
Zinc	66-2	1221167	1198785	1200157	1206703	1.04	cps
Zirconium	90-1	4157595	4159132	4134603	4150444	0.33	cps
Zirconium	91-1	943421	924872	933266	933853	0.99	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:10:15 DataFile Name : 014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1833486	1864605	1873254	1857115	1.13	cps
Antimony	121-1	1333	1300	1458	1364	6.12	cps
Arsenic	75-2	37	40	45	41	9.94	cps
Barium	135-1	1025	1033	725	928	18.93	cps
Barium	137-1	1625	1567	1583	1592	1.89	cps
Beryllium	9-1	88	110	90	96	12.68	cps
Bismuth	209-1	2829913	2751412	2860121	2813815	1.99	cps
Bismuth	209-2	1628540	1646075	1638123	1637579	0.54	cps
Boron	10-1	2062	2028	1946	2012	2.96	cps
Boron	11-1	10005	9753	9599	9786	2.10	cps
Bromine	81-1	3674	3264	3945	3628	9.45	cps
Cadmium	111-1	632	626	631	630	0.48	cps
Cadmium	106-1	2359	2200	2417	2325	4.82	cps
Cadmium	108-1	33	38	63	44	35.50	cps
Calcium	43-1	3435845	3411216	3393407	3413489	0.62	cps
Calcium	44-1	57269266	55534914	55345328	56049836	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5421	5635	5488	5514	1.98	cps
Cobalt	59-2	1783	1773	1983	1847	6.42	cps
Copper	63-2	5322	5402	5185	5303	2.07	cps
Dysprosium	156-1	500	558	675	578	15.42	cps
Dysprosium	156-2	320	303	207	277	22.12	cps
Erbium	164-1	83	75	58	72	17.62	cps
Erbium	164-2	60	73	37	57	32.75	cps
Gadolinium	160-1	667	658	808	711	11.85	cps
Gadolinium	160-2	287	277	380	314	18.13	cps
Holmium	165-1	5077100	4962191	5381496	5140262	4.22	cps
Holmium	165-2	2485585	2471746	2458492	2471941	0.55	cps
Indium	115-1	4620574	4405333	4769858	4598588	3.99	cps
Indium	115-2	761630	744299	752495	752808	1.15	cps
Iron	56-2	145480656	144434964	142280659	144065426	1.13	cps
Iron	57-2	3578527	3622011	3582261	3594266	0.67	cps
Iron	54-2	7932506	7850059	7938212	7906926	0.62	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:10:15	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	800	953	833	12.87	cps
Lead	206-1	13913	13869	14280	14021	1.61	cps
Lead	207-1	11972	12428	12640	12347	2.76	cps
Lead	208-1	55158	56588	57350	56366	1.97	cps
Lithium	6-1	1577531	1546830	1614760	1579707	2.15	cps
Magnesium	24-2	27189697	27244421	27084172	27172764	0.30	cps
Manganese	55-2	2070	2350	2254	2225	6.39	cps
Molybdenum	94-1	1683	1517	1642	1614	5.38	cps
Molybdenum	95-1	1884	1925	1742	1850	5.20	cps
Molybdenum	96-1	2800	2892	3075	2923	4.79	cps
Molybdenum	97-1	1100	1192	1100	1131	4.68	cps
Molybdenum	98-1	2850	3092	2559	2834	9.43	cps
Neodymium	150-1	40	13	7	20	88.19	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1720	1640	1760	1707	3.58	cps
Phosphorus	31-2	225	183	133	181	25.42	cps
Potassium	39-2	10683652	10822293	10661887	10722611	0.81	cps
Rhodium	103-1	4468346	4251411	4449209	4389655	2.74	cps
Rhodium	103-2	2102176	2034409	2084760	2073782	1.70	cps
Scandium	45-1	3342496	3155444	3318506	3272149	3.11	cps
Scandium	45-2	129944	129104	127661	128903	0.90	cps
Selenium	82-1	538	457	334	443	23.11	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	42	47	39	43	9.47	cps
Silicon	28-1	981903	1008994	999279	996725	1.38	cps
Silver	107-1	708	750	750	736	3.27	cps
Silver	109-1	825	733	767	775	5.99	cps
Sodium	23-2	53177185	53806072	52837243	53273500	0.92	cps
Strontium	86-1	5693	5876	5843	5804	1.68	cps
Strontium	88-1	38947	38078	38629	38551	1.14	cps
Sulfur	34-1	372642	377310	376665	375539	0.67	cps
Terbium	159-1	5453260	5321153	5701178	5491864	3.51	cps
Terbium	159-2	2493658	2502351	2479690	2491900	0.46	cps
Thallium	203-1	108	92	167	122	32.22	cps
Thallium	205-1	283	308	417	336	21.09	cps
Tin	118-1	833	1075	1017	975	12.93	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:10:15	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	367	383	364	5.76	cps
Uranium	238-1	375	483	458	439	12.92	cps
Vanadium	51-2	70	83	73	76	9.18	cps
Yttrium	89-1	10744976	10353027	10851843	10649949	2.47	cps
Yttrium	89-2	1255279	1220379	1230873	1235510	1.45	cps
Zinc	66-2	1770	1920	1737	1809	5.40	cps
Zirconium	90-1	1675	1325	1400	1467	12.56	cps
Zirconium	91-1	350	400	200	317	32.87	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:28:25 DataFile Name : 016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10137	10370	10141	10216	1.30	cps
Antimony	121-1	479459	486843	492546	486283	1.35	cps
Arsenic	75-2	17898	18187	18166	18084	0.89	cps
Barium	135-1	51850	55540	55105	54165	3.72	cps
Barium	137-1	92844	94757	97618	95073	2.53	cps
Beryllium	9-1	54638	55625	55896	55386	1.20	cps
Bismuth	209-1	2892665	2654340	3044325	2863777	6.86	cps
Bismuth	209-2	1679285	1701981	1699336	1693534	0.73	cps
Boron	10-1	28380	28957	29091	28809	1.31	cps
Boron	11-1	140521	143984	146744	143750	2.17	cps
Bromine	81-1	3364	3865	3724	3651	7.07	cps
Cadmium	111-1	53547	54471	55876	54631	2.15	cps
Cadmium	106-1	11130	10629	11522	11094	4.03	cps
Cadmium	108-1	5376	5330	5526	5411	1.89	cps
Calcium	43-1	14345	14582	14758	14562	1.42	cps
Calcium	44-1	239775	243015	248775	243855	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80478	80716	80029	80407	0.43	cps
Cobalt	59-2	136069	135450	135485	135668	0.26	cps
Copper	63-2	98134	95711	96766	96870	1.25	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	5058429	4562861	5045235	4888842	5.78	cps
Holmium	165-2	2444388	2433685	2455781	2444618	0.45	cps
Indium	115-1	4781897	4506877	4749623	4679466	3.21	cps
Indium	115-2	780798	772521	778976	777432	0.56	cps
Iron	56-2	1216898	1206291	1225983	1216391	0.81	cps
Iron	57-2	30650	29603	30438	30230	1.83	cps
Iron	54-2	68017	69658	68972	68882	1.20	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:28:25	DataFile Name :	016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	843	877	866	2.22	cps
Lead	206-1	280352	278418	280486	279752	0.41	cps
Lead	207-1	230835	228966	237421	232407	1.91	cps
Lead	208-1	1091712	1080384	1100304	1090800	0.92	cps
Lithium	6-1	1462414	1370321	1399403	1410712	3.34	cps
Magnesium	24-2	68821	68746	69860	69142	0.90	cps
Manganese	55-2	38255	37456	37820	37844	1.06	cps
Molybdenum	94-1	2570521	2555318	2616764	2580868	1.24	cps
Molybdenum	95-1	3221886	3265975	3247458	3245106	0.68	cps
Molybdenum	96-1	3503330	3497554	3585759	3528881	1.40	cps
Molybdenum	97-1	1975168	1972883	2030990	1993014	1.65	cps
Molybdenum	98-1	5115273	5094721	5081806	5097267	0.33	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	38094	37964	38388	38149	0.57	cps
Phosphorus	31-2	258	208	142	203	28.86	cps
Potassium	39-2	116636	114930	117711	116426	1.20	cps
Rhodium	103-1	4683901	4426965	4748891	4619919	3.68	cps
Rhodium	103-2	2195040	2203404	2187246	2195230	0.37	cps
Scandium	45-1	3364481	3044986	3314523	3241330	5.30	cps
Scandium	45-2	136596	135394	135708	135899	0.46	cps
Selenium	82-1	8170	8375	8243	8263	1.25	cps
Selenium	77-2	277	280	267	274	2.53	cps
Selenium	78-2	937	995	906	946	4.78	cps
Silicon	28-1	1596356	1607746	1630238	1611447	1.07	cps
Silver	107-1	140615	142684	142567	141955	0.82	cps
Silver	109-1	131678	135328	137894	134967	2.31	cps
Sodium	23-2	258207	255129	255232	256189	0.68	cps
Strontium	86-1	391375	390743	403437	395185	1.81	cps
Strontium	88-1	3344972	3267920	3367656	3326849	1.57	cps
Sulfur	34-1	371349	374177	371623	372383	0.42	cps
Terbium	159-1	5331510	5024350	5557999	5304620	5.05	cps
Terbium	159-2	2464497	2446219	2440733	2450483	0.51	cps
Thallium	203-1	331526	334755	341209	335830	1.47	cps
Thallium	205-1	784416	791391	798777	791528	0.91	cps
Tin	118-1	863220	899016	892345	884860	2.15	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:28:25	DataFile Name :	016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	909137	913319	930923	917793	1.26	cps
Uranium	238-1	2336431	2336449	2371144	2348008	0.85	cps
Vanadium	51-2	64237	62656	63410	63434	1.25	cps
Yttrium	89-1	10799834	9877534	10965744	10547704	5.56	cps
Yttrium	89-2	1268650	1245133	1255199	1256327	0.94	cps
Zinc	66-2	24278	24802	24942	24674	1.42	cps
Zirconium	90-1	2021072	2030305	2089290	2046889	1.81	cps
Zirconium	91-1	455688	457208	464432	459110	1.02	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:42:48 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696	801	709	735	7.80	cps
Antimony	121-1	4576	4976	4676	4743	4.39	cps
Arsenic	75-2	102	90	115	102	12.22	cps
Barium	135-1	5168	5184	5184	5179	0.19	cps
Barium	137-1	8711	8353	9095	8720	4.26	cps
Beryllium	9-1	646	630	600	625	3.73	cps
Bismuth	209-1	2806635	2692022	2946469	2815042	4.53	cps
Bismuth	209-2	1608515	1650444	1631504	1630154	1.29	cps
Boron	10-1	1196	1312	1464	1324	10.15	cps
Boron	11-1	5966	6562	6888	6472	7.23	cps
Bromine	81-1	3554	3865	4185	3868	8.15	cps
Cadmium	111-1	801	940	865	869	8.00	cps
Cadmium	106-1	1850	2050	2100	2000	6.61	cps
Cadmium	108-1	63	58	79	67	16.54	cps
Calcium	43-1	3430	3530	3296	3419	3.43	cps
Calcium	44-1	66695	67642	67245	67194	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2237	2267	2204	2236	1.42	cps
Cobalt	59-2	1390	1440	1433	1421	1.91	cps
Copper	63-2	2464	2455	2399	2439	1.45	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	58	33	36	58.07	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	4780944	4671372	5188810	4880376	5.59	cps
Holmium	165-2	2375548	2389653	2363082	2376094	0.56	cps
Indium	115-1	4553336	4489591	4832125	4625017	3.94	cps
Indium	115-2	778642	773665	768708	773672	0.64	cps
Iron	56-2	34553	33879	33434	33955	1.66	cps
Iron	57-2	906	889	789	861	7.33	cps
Iron	54-2	2184	2328	2145	2219	4.35	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:48	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	907	773	829	8.37	cps
Lead	206-1	1506	1267	1583	1452	11.37	cps
Lead	207-1	1311	1245	1295	1283	2.70	cps
Lead	208-1	5645	5567	5728	5647	1.43	cps
Lithium	6-1	1392434	1323543	1445700	1387226	4.41	cps
Magnesium	24-2	29021	29388	29197	29202	0.63	cps
Manganese	55-2	443	467	473	461	3.42	cps
Molybdenum	94-1	5068	5360	5151	5193	2.89	cps
Molybdenum	95-1	6285	6693	6310	6429	3.56	cps
Molybdenum	96-1	6802	7094	6643	6846	3.34	cps
Molybdenum	97-1	3592	3617	3909	3706	4.75	cps
Molybdenum	98-1	9770	9495	9795	9687	1.72	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	480	333	457	423	18.62	cps
Phosphorus	31-2	83	175	158	139	35.16	cps
Potassium	39-2	48557	48239	47562	48120	1.06	cps
Rhodium	103-1	4602815	4473870	4677686	4584790	2.25	cps
Rhodium	103-2	2211600	2195998	2191824	2199807	0.47	cps
Scandium	45-1	3220077	3056128	3315764	3197323	4.11	cps
Scandium	45-2	134842	134483	133564	134296	0.49	cps
Selenium	82-1	631	553	563	582	7.33	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	57	61	56	58	4.56	cps
Silicon	28-1	936438	934171	942285	937631	0.45	cps
Silver	107-1	2459	2850	2534	2614	7.95	cps
Silver	109-1	2342	2575	2742	2553	7.87	cps
Sodium	23-2	86917	85735	86640	86431	0.72	cps
Strontium	86-1	2259	1967	1834	2020	10.76	cps
Strontium	88-1	6335	6969	6793	6699	4.89	cps
Sulfur	34-1	378706	376242	378318	377755	0.35	cps
Terbium	159-1	5149453	5005243	5430433	5195043	4.16	cps
Terbium	159-2	2388299	2366709	2394030	2383012	0.60	cps
Thallium	203-1	1475	1500	1725	1567	8.79	cps
Thallium	205-1	3476	3792	3784	3684	4.90	cps
Tin	118-1	8928	8928	9345	9067	2.65	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:48	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1925	2242	1950	2039	8.64	cps
Uranium	238-1	4234	4543	4376	4384	3.52	cps
Vanadium	51-2	3210	3384	3164	3253	3.56	cps
Yttrium	89-1	10439246	10025950	10872506	10445901	4.05	cps
Yttrium	89-2	1264046	1245254	1239786	1249695	1.02	cps
Zinc	66-2	330	320	337	329	2.55	cps
Zirconium	90-1	4326	4468	4743	4512	4.70	cps
Zirconium	91-1	983	875	992	950	6.85	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:09:57 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364	409	394	389	5.89	cps
Antimony	121-1	42	50	58	50	16.67	cps
Arsenic	75-2	6	3	4	4	35.25	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	17	58	25	33	66.13	cps
Beryllium	9-1	26	26	14	22	31.49	cps
Bismuth	209-1	2752476	2828306	2737605	2772796	1.75	cps
Bismuth	209-2	1563507	1556736	1560145	1560129	0.22	cps
Boron	10-1	146	126	150	141	9.14	cps
Boron	11-1	582	596	540	573	5.09	cps
Bromine	81-1	3564	3804	3694	3688	3.26	cps
Cadmium	111-1	395	424	428	415	4.28	cps
Cadmium	106-1	1992	2142	2125	2086	3.94	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	197	225	200	207	7.33	cps
Calcium	44-1	12164	12027	12130	12107	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787	710	710	736	6.02	cps
Cobalt	59-2	47	50	20	39	42.28	cps
Copper	63-2	504	514	516	511	1.20	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	27	17	20	21	24.12	cps
Holmium	165-1	4721021	4770392	4643940	4711784	1.35	cps
Holmium	165-2	2278903	2329106	2332171	2313393	1.29	cps
Indium	115-1	4427614	4670011	4571709	4556445	2.68	cps
Indium	115-2	740086	742977	752517	745193	0.87	cps
Iron	56-2	3045	2995	2817	2952	4.06	cps
Iron	57-2	83	106	139	109	25.59	cps
Iron	54-2	478	367	456	433	13.57	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:09:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	777	683	747	7.35	cps
Lead	206-1	89	61	50	67	30.05	cps
Lead	207-1	94	117	89	100	14.70	cps
Lead	208-1	350	300	394	348	13.57	cps
Lithium	6-1	1382358	1405377	1471328	1419688	3.25	cps
Magnesium	24-2	542	567	500	536	6.28	cps
Manganese	55-2	87	73	67	76	13.48	cps
Molybdenum	94-1	142	133	133	136	3.53	cps
Molybdenum	95-1	92	67	58	72	24.02	cps
Molybdenum	96-1	25	50	75	50	50.00	cps
Molybdenum	97-1	42	33	17	31	41.66	cps
Molybdenum	98-1	50	50	50	50	0.00	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	27	90	63	60	52.99	cps
Phosphorus	31-2	208	133	133	158	27.35	cps
Potassium	39-2	25022	25414	25365	25267	0.85	cps
Rhodium	103-1	4477060	4474445	4559822	4503776	1.08	cps
Rhodium	103-2	2144649	2111274	2146581	2134168	0.93	cps
Scandium	45-1	3086856	3194205	3198964	3160008	2.01	cps
Scandium	45-2	131893	133224	132245	132454	0.52	cps
Selenium	82-1	356	412	468	412	13.66	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	56	41	34	44	25.75	cps
Silicon	28-1	930292	932380	911367	924680	1.25	cps
Silver	107-1	75	67	33	58	37.80	cps
Silver	109-1	42	17	42	33	43.30	cps
Sodium	23-2	28921	28804	28036	28587	1.68	cps
Strontium	86-1	1208	1433	1250	1297	9.23	cps
Strontium	88-1	100	42	33	58	62.27	cps
Sulfur	34-1	393255	397991	397220	396155	0.64	cps
Terbium	159-1	4922615	5215279	5101826	5079907	2.90	cps
Terbium	159-2	2306434	2268602	2280539	2285192	0.85	cps
Thallium	203-1	17	8	0	8	100.02	cps
Thallium	205-1	33	58	25	39	44.62	cps
Tin	118-1	200	242	358	267	30.78	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:09:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	233	283	239	17.56	cps
Uranium	238-1	0	8	25	11	114.58	cps
Vanadium	51-2	3	17	3	8	99.04	cps
Yttrium	89-1	10312194	10275294	10411642	10333043	0.68	cps
Yttrium	89-2	1197743	1210871	1216087	1208234	0.78	cps
Zinc	66-2	100	37	57	64	50.23	cps
Zirconium	90-1	242	275	367	294	21.98	cps
Zirconium	91-1	108	83	100	97	13.09	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:16:56 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1816241	1823297	1856726	1832088	1.18	cps
Antimony	121-1	2892	2800	2984	2892	3.17	cps
Arsenic	75-2	34	53	34	40	27.21	cps
Barium	135-1	833	700	742	758	9.00	cps
Barium	137-1	1283	1442	1133	1286	11.99	cps
Beryllium	9-1	204	210	202	205	2.03	cps
Bismuth	209-1	2758492	2821973	2936680	2839048	3.18	cps
Bismuth	209-2	1595152	1580861	1599812	1591941	0.62	cps
Boron	10-1	174	166	142	161	10.37	cps
Boron	11-1	768	694	774	745	5.98	cps
Bromine	81-1	3624	3784	4115	3841	6.51	cps
Cadmium	111-1	503	596	593	564	9.34	cps
Cadmium	106-1	2100	2175	2300	2192	4.61	cps
Cadmium	108-1	375	371	388	378	2.30	cps
Calcium	43-1	644668	665692	661216	657192	1.69	cps
Calcium	44-1	10703803	10911134	10942077	10852338	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16072	15722	15789	15861	1.17	cps
Cobalt	59-2	1567	1607	1480	1551	4.17	cps
Copper	63-2	10746	10757	9836	10446	5.06	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	33	33	0	22	86.60	cps
Erbium	164-2	23	23	27	24	7.89	cps
Gadolinium	160-1	100	50	50	67	43.30	cps
Gadolinium	160-2	17	40	13	23	62.27	cps
Holmium	165-1	4833096	5105488	5140795	5026460	3.35	cps
Holmium	165-2	2461646	2357598	2377185	2398810	2.30	cps
Indium	115-1	4601095	4712947	4834639	4716227	2.48	cps
Indium	115-2	739307	734967	745951	740075	0.75	cps
Iron	56-2	59310810	58642675	57884815	58612767	1.22	cps
Iron	57-2	1517004	1468716	1494819	1493513	1.62	cps
Iron	54-2	3290633	3198200	3215707	3234847	1.52	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:56	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	787	797	811	4.20	cps
Lead	206-1	6129	6530	6185	6281	3.45	cps
Lead	207-1	4907	4779	5062	4916	2.89	cps
Lead	208-1	23142	24131	23542	23605	2.11	cps
Lithium	6-1	1423822	1488297	1574580	1495566	5.06	cps
Magnesium	24-2	5420231	5398978	5400012	5406407	0.22	cps
Manganese	55-2	3044	2574	2737	2785	8.57	cps
Molybdenum	94-1	1337374	1380193	1348625	1355397	1.64	cps
Molybdenum	95-1	2332581	2467185	2448714	2416160	3.02	cps
Molybdenum	96-1	2460261	2592763	2560581	2537868	2.72	cps
Molybdenum	97-1	1441019	1444182	1463602	1449601	0.84	cps
Molybdenum	98-1	3709240	3804991	3743273	3752501	1.29	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1983	1983	1873	1947	3.26	cps
Phosphorus	31-2	120876	116507	119784	119056	1.91	cps
Potassium	39-2	4291059	4355539	4335240	4327279	0.76	cps
Rhodium	103-1	4505206	4376163	4654176	4511848	3.08	cps
Rhodium	103-2	2070182	2064269	2095571	2076674	0.80	cps
Scandium	45-1	3220636	3222095	3415707	3286146	3.41	cps
Scandium	45-2	129393	128593	128619	128869	0.35	cps
Selenium	82-1	354	425	352	377	11.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	38	40	41	10.07	cps
Silicon	28-1	990995	999078	1000076	996717	0.50	cps
Silver	107-1	308	500	550	453	28.17	cps
Silver	109-1	317	375	483	392	21.59	cps
Sodium	23-2	10929518	10922262	10995979	10949253	0.37	cps
Strontium	86-1	28463	28396	27469	28109	1.98	cps
Strontium	88-1	230603	231725	228534	230287	0.70	cps
Sulfur	34-1	1268052	1259920	1266429	1264800	0.34	cps
Terbium	159-1	5254052	5348801	5780470	5461108	5.14	cps
Terbium	159-2	2350428	2360067	2371335	2360610	0.44	cps
Thallium	203-1	33	50	58	47	26.97	cps
Thallium	205-1	142	100	167	136	24.74	cps
Tin	118-1	692	550	558	600	13.25	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:56	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717934	747269	724007	729737	2.12	cps
Uranium	238-1	75	92	83	83	10.00	cps
Vanadium	51-2	127	83	93	101	22.44	cps
Yttrium	89-1	10207541	10420605	10990260	10539469	3.84	cps
Yttrium	89-2	1200376	1196077	1220589	1205680	1.09	cps
Zinc	66-2	1453	1497	1330	1427	6.06	cps
Zirconium	90-1	400	350	375	375	6.67	cps
Zirconium	91-1	100	117	125	114	11.18	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1860656	1850862	1865717	1859078	0.41	cps
Antimony	121-1	50068	51598	51322	50996	1.60	cps
Arsenic	75-2	1803	1717	1785	1769	2.57	cps
Barium	135-1	11222	11722	11363	11436	2.26	cps
Barium	137-1	19640	20132	19882	19885	1.24	cps
Beryllium	9-1	10918	11144	11602	11221	3.11	cps
Bismuth	209-1	2832977	2745415	2791708	2790033	1.57	cps
Bismuth	209-2	1604346	1607995	1604951	1605764	0.12	cps
Boron	10-1	2090	2444	2522	2352	9.79	cps
Boron	11-1	10558	11820	12353	11577	7.96	cps
Bromine	81-1	4475	4706	4035	4405	7.74	cps
Cadmium	111-1	10502	11208	11110	10940	3.50	cps
Cadmium	106-1	3300	3150	3601	3351	6.84	cps
Cadmium	108-1	1167	1133	1117	1139	2.24	cps
Calcium	43-1	651575	665846	666518	661313	1.28	cps
Calcium	44-1	10902371	10950166	10758973	10870503	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32033	32433	32246	32237	0.62	cps
Cobalt	59-2	28094	28342	28148	28195	0.46	cps
Copper	63-2	28410	28712	28581	28568	0.53	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	17	75	47	61.97	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	25	50	17	31	56.77	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	4980149	4868699	4976568	4941805	1.28	cps
Holmium	165-2	2413964	2416923	2400072	2410319	0.37	cps
Indium	115-1	4587807	4506868	4524377	4539684	0.94	cps
Indium	115-2	748016	746184	751327	748509	0.35	cps
Iron	56-2	60813004	60967544	59398936	60393162	1.43	cps
Iron	57-2	1529187	1521911	1516743	1522614	0.41	cps
Iron	54-2	3321072	3325228	3336377	3327559	0.24	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	737	793	751	4.95	cps
Lead	206-1	32942	33037	32970	32983	0.15	cps
Lead	207-1	27574	28381	27903	27953	1.45	cps
Lead	208-1	128237	129921	128633	128930	0.68	cps
Lithium	6-1	1409219	1418647	1398982	1408950	0.70	cps
Magnesium	24-2	5473738	5449532	5465296	5462855	0.22	cps
Manganese	55-2	10848	10441	10607	10632	1.92	cps
Molybdenum	94-1	1469053	1486793	1531984	1495943	2.17	cps
Molybdenum	95-1	2487088	2493317	2471950	2484118	0.44	cps
Molybdenum	96-1	2605536	2640349	2655188	2633691	0.97	cps
Molybdenum	97-1	1499893	1484289	1543303	1509162	2.03	cps
Molybdenum	98-1	3904591	3821630	3938137	3888119	1.54	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	9503	9647	9580	9577	0.75	cps
Phosphorus	31-2	120717	123187	120195	121366	1.32	cps
Potassium	39-2	4530493	4486202	4463358	4493351	0.76	cps
Rhodium	103-1	4505173	4427474	4468724	4467124	0.87	cps
Rhodium	103-2	2067060	2067624	2168903	2101196	2.79	cps
Scandium	45-1	3204815	3173447	3227169	3201810	0.84	cps
Scandium	45-2	132444	129838	131402	131228	1.00	cps
Selenium	82-1	1115	1232	1175	1174	4.98	cps
Selenium	77-2	13	63	43	40	62.92	cps
Selenium	78-2	120	125	126	124	2.60	cps
Silicon	28-1	1021615	1046637	1047015	1038422	1.40	cps
Silver	107-1	54650	55286	56015	55317	1.23	cps
Silver	109-1	51003	52601	53337	52314	2.28	cps
Sodium	23-2	11018973	11105192	11146461	11090209	0.59	cps
Strontium	86-1	70311	71483	70804	70866	0.83	cps
Strontium	88-1	587560	593802	604919	595427	1.48	cps
Sulfur	34-1	1228894	1213691	1231795	1224793	0.79	cps
Terbium	159-1	5246507	5356835	5334182	5312508	1.10	cps
Terbium	159-2	2414656	2369705	2406814	2397058	1.00	cps
Thallium	203-1	32174	33335	33034	32848	1.83	cps
Thallium	205-1	79797	78454	78689	78980	0.91	cps
Tin	118-1	92798	95199	92705	93567	1.51	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:44	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	726919	753420	755589	745309	2.14	cps
Uranium	238-1	245103	253172	254509	250928	2.03	cps
Vanadium	51-2	12696	12689	12559	12648	0.61	cps
Yttrium	89-1	10573350	10408984	10535351	10505895	0.82	cps
Yttrium	89-2	1217273	1217285	1221969	1218842	0.22	cps
Zinc	66-2	3967	4087	4117	4057	1.96	cps
Zirconium	90-1	217740	220129	224394	220754	1.53	cps
Zirconium	91-1	48117	49237	49288	48881	1.35	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCV08 Instrumnet Name : P8
 Client Sample ID : CCV08 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:22:34 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	973068	959965	956591	963208	0.90	cps
Antimony	121-1	1197987	1208788	1234741	1213839	1.56	cps
Arsenic	75-2	45702	45140	44756	45199	1.05	cps
Barium	135-1	1289551	1327167	1327289	1314669	1.65	cps
Barium	137-1	2274505	2295813	2355605	2308641	1.82	cps
Beryllium	9-1	270169	275352	282448	275990	2.23	cps
Bismuth	209-1	2738577	2725530	2788925	2751011	1.22	cps
Bismuth	209-2	1555359	1615826	1622528	1597904	2.32	cps
Boron	10-1	18120	20162	21730	20004	9.05	cps
Boron	11-1	90084	99019	109223	99442	9.63	cps
Bromine	81-1	4185	3684	3925	3931	6.37	cps
Cadmium	111-1	256093	257725	260620	258146	0.89	cps
Cadmium	106-1	31186	29223	30735	30381	3.38	cps
Cadmium	108-1	19130	19197	19810	19379	1.93	cps
Calcium	43-1	1721930	1684328	1730265	1712174	1.43	cps
Calcium	44-1	27343140	27853805	28405368	27867438	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	407523	399507	402916	403315	1.00	cps
Cobalt	59-2	674378	675979	669596	673318	0.49	cps
Copper	63-2	4850317	4832905	4801243	4828155	0.52	cps
Dysprosium	156-1	408	417	308	378	15.96	cps
Dysprosium	156-2	123	157	177	152	17.70	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	43	27	40	37	24.04	cps
Gadolinium	160-1	258	325	358	314	16.22	cps
Gadolinium	160-2	167	183	193	181	7.44	cps
Holmium	165-1	5008346	4938288	5032319	4992984	0.98	cps
Holmium	165-2	2371756	2433792	2368602	2391383	1.54	cps
Indium	115-1	4495336	4449684	4508664	4484561	0.69	cps
Indium	115-2	736595	743488	752123	744069	1.05	cps
Iron	56-2	76428066	77005949	75616879	76350298	0.91	cps
Iron	57-2	1922623	1951950	1917692	1930755	0.96	cps
Iron	54-2	4258276	4170541	4217913	4215577	1.04	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:22:34	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	820	857	833	837	2.22	cps
Lead	206-1	3340832	3379285	3443267	3387795	1.53	cps
Lead	207-1	3014372	3099331	3081444	3065049	1.46	cps
Lead	208-1	13493945	13700163	13827521	13673876	1.23	cps
Lithium	6-1	1379543	1379861	1434274	1397893	2.25	cps
Magnesium	24-2	14712522	14819190	14634082	14721931	0.63	cps
Manganese	55-2	1968095	1934227	1942198	1948173	0.91	cps
Molybdenum	94-1	2531555	2565283	2680249	2592363	3.01	cps
Molybdenum	95-1	3150449	3248454	3332210	3243704	2.80	cps
Molybdenum	96-1	3496083	3517433	3626096	3546537	1.97	cps
Molybdenum	97-1	1975321	2018856	2032279	2008819	1.48	cps
Molybdenum	98-1	5023953	5083738	5200936	5102876	1.76	cps
Neodymium	150-1	53	40	100	64	48.89	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	185800	184646	184808	185085	0.34	cps
Phosphorus	31-2	12456	12431	12723	12536	1.29	cps
Potassium	39-2	5796047	5790294	5757618	5781320	0.36	cps
Rhodium	103-1	4374502	4364440	4368534	4369159	0.12	cps
Rhodium	103-2	2042995	2069821	2096211	2069675	1.29	cps
Scandium	45-1	3176420	3141805	3221345	3179857	1.25	cps
Scandium	45-2	130487	132515	133491	132164	1.16	cps
Selenium	82-1	19404	19398	19637	19480	0.70	cps
Selenium	77-2	700	617	730	682	8.61	cps
Selenium	78-2	2327	2211	2272	2270	2.56	cps
Silicon	28-1	1599300	1623002	1611473	1611258	0.74	cps
Silver	107-1	1411887	1412399	1436794	1420360	1.00	cps
Silver	109-1	1303768	1341289	1364201	1336419	2.28	cps
Sodium	23-2	28323111	28392165	28064700	28259992	0.61	cps
Strontium	86-1	379183	388654	396212	388016	2.20	cps
Strontium	88-1	3227746	3291618	3336702	3285356	1.67	cps
Sulfur	34-1	450027	458574	468353	458985	2.00	cps
Terbium	159-1	5187440	5212834	5289629	5229968	1.02	cps
Terbium	159-2	2334147	2413955	2425785	2391296	2.08	cps
Thallium	203-1	807458	817909	832389	819252	1.53	cps
Thallium	205-1	1912794	1936170	1977510	1942158	1.69	cps
Tin	118-1	882228	901766	915656	899883	1.87	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:22:34	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	894594	931007	952409	926003	3.16	cps
Uranium	238-1	2312474	2317499	2374206	2334726	1.47	cps
Vanadium	51-2	329920	328307	330153	329460	0.31	cps
Yttrium	89-1	10485508	10305460	10680025	10490331	1.79	cps
Yttrium	89-2	1217864	1217153	1243182	1226067	1.21	cps
Zinc	66-2	612602	607378	599040	606340	1.13	cps
Zirconium	90-1	2042066	2097947	2138322	2092778	2.31	cps
Zirconium	91-1	460472	470710	470658	467280	1.26	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:30:57 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357	380	391	376	4.57	cps
Antimony	121-1	50	142	150	114	48.72	cps
Arsenic	75-2	9	15	9	11	31.49	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	8	25	8	14	69.31	cps
Beryllium	9-1	38	38	48	41	13.97	cps
Bismuth	209-1	2830436	2851939	2797575	2826650	0.97	cps
Bismuth	209-2	1617924	1603746	1591542	1604404	0.82	cps
Boron	10-1	534	532	504	523	3.21	cps
Boron	11-1	2828	2698	2658	2728	3.26	cps
Bromine	81-1	3684	3584	3845	3704	3.55	cps
Cadmium	111-1	460	430	393	428	7.81	cps
Cadmium	106-1	2267	2192	1934	2131	8.21	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	215	201	192	203	5.59	cps
Calcium	44-1	13316	13182	12994	13164	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	733	730	753	739	1.71	cps
Cobalt	59-2	43	50	40	44	11.46	cps
Copper	63-2	665	614	708	662	7.09	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	75	25	50	50	50.00	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	4867934	4816338	4816390	4833554	0.62	cps
Holmium	165-2	2370693	2340255	2352070	2354339	0.65	cps
Indium	115-1	4583758	4625387	4424153	4544433	2.34	cps
Indium	115-2	747078	745650	745930	746219	0.10	cps
Iron	56-2	2956	3384	3145	3162	6.78	cps
Iron	57-2	89	100	94	94	5.88	cps
Iron	54-2	456	428	539	474	12.20	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	857	847	866	2.84	cps
Lead	206-1	478	511	600	530	11.93	cps
Lead	207-1	539	489	533	520	5.27	cps
Lead	208-1	2167	2239	2389	2265	5.00	cps
Lithium	6-1	1447093	1359500	1324792	1377128	4.58	cps
Magnesium	24-2	600	508	533	547	8.66	cps
Manganese	55-2	67	77	93	79	17.07	cps
Molybdenum	94-1	200	200	175	192	7.53	cps
Molybdenum	95-1	258	158	83	167	52.68	cps
Molybdenum	96-1	325	242	208	258	23.26	cps
Molybdenum	97-1	125	75	83	94	28.36	cps
Molybdenum	98-1	300	233	142	225	35.33	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	57	57	50	23.09	cps
Phosphorus	31-2	208	167	158	178	15.07	cps
Potassium	39-2	25189	25582	25356	25376	0.78	cps
Rhodium	103-1	4522978	4414749	4509218	4482315	1.31	cps
Rhodium	103-2	2170685	2124654	2092798	2129379	1.84	cps
Scandium	45-1	3192377	3207066	3164677	3188040	0.68	cps
Scandium	45-2	130911	130544	130625	130693	0.15	cps
Selenium	82-1	392	347	391	377	6.83	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	28	45	35	36	23.73	cps
Silicon	28-1	926997	912632	918806	919478	0.78	cps
Silver	107-1	108	92	75	92	18.18	cps
Silver	109-1	92	50	58	67	33.08	cps
Sodium	23-2	33848	32570	33155	33191	1.93	cps
Strontium	86-1	1350	1150	1275	1258	8.03	cps
Strontium	88-1	42	67	50	53	24.12	cps
Sulfur	34-1	350709	350116	351023	350616	0.13	cps
Terbium	159-1	5150519	5246839	5131569	5176309	1.19	cps
Terbium	159-2	2322159	2390175	2360756	2357697	1.45	cps
Thallium	203-1	42	75	58	58	28.57	cps
Thallium	205-1	150	100	100	117	24.74	cps
Tin	118-1	175	217	225	206	13.03	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:57	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	225	242	222	9.44	cps
Uranium	238-1	0	42	17	19	107.85	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	10294269	10167106	10243216	10234864	0.63	cps
Yttrium	89-2	1208872	1208915	1199172	1205653	0.47	cps
Zinc	66-2	90	93	77	87	10.17	cps
Zirconium	90-1	500	325	317	381	27.20	cps
Zirconium	91-1	50	92	83	75	29.40	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:33:47 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	804	719	779	767	5.70	cps
Antimony	121-1	4242	4601	5134	4659	9.63	cps
Arsenic	75-2	97	93	93	94	2.45	cps
Barium	135-1	5009	4801	5109	4973	3.16	cps
Barium	137-1	8911	8786	8870	8856	0.72	cps
Beryllium	9-1	512	556	544	537	4.23	cps
Bismuth	209-1	2733103	2854442	2841888	2809811	2.37	cps
Bismuth	209-2	1580734	1562209	1632210	1591718	2.28	cps
Boron	10-1	1234	1222	1334	1263	4.87	cps
Boron	11-1	5716	6052	6464	6077	6.17	cps
Bromine	81-1	3875	3935	3824	3878	1.42	cps
Cadmium	111-1	841	961	826	876	8.46	cps
Cadmium	106-1	2042	2134	2167	2114	3.06	cps
Cadmium	108-1	54	46	58	53	12.06	cps
Calcium	43-1	3389	3360	3364	3371	0.46	cps
Calcium	44-1	66321	67406	66725	66817	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2387	2290	2214	2297	3.78	cps
Cobalt	59-2	1330	1320	1257	1302	3.05	cps
Copper	63-2	2150	2461	2647	2420	10.38	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	10	3	20	11	75.52	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	4665392	4833844	4929630	4809622	2.78	cps
Holmium	165-2	2300879	2279491	2350723	2310364	1.58	cps
Indium	115-1	4512884	4715472	4587004	4605120	2.23	cps
Indium	115-2	743558	739251	762386	748398	1.64	cps
Iron	56-2	32710	33835	32560	33035	2.11	cps
Iron	57-2	1067	867	856	930	12.78	cps
Iron	54-2	2322	2078	2095	2165	6.31	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:47	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	797	860	887	848	5.45	cps
Lead	206-1	1595	1761	1761	1706	5.64	cps
Lead	207-1	1500	1489	1389	1459	4.19	cps
Lead	208-1	6918	6762	7056	6912	2.13	cps
Lithium	6-1	1366017	1359725	1368353	1364698	0.33	cps
Magnesium	24-2	28796	28387	29748	28977	2.41	cps
Manganese	55-2	423	443	453	440	3.47	cps
Molybdenum	94-1	4609	4918	4809	4779	3.27	cps
Molybdenum	95-1	6135	6485	6043	6221	3.75	cps
Molybdenum	96-1	7210	7069	6952	7077	1.83	cps
Molybdenum	97-1	3492	3759	3559	3603	3.85	cps
Molybdenum	98-1	9679	9445	10012	9712	2.93	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	433	380	424	9.60	cps
Phosphorus	31-2	200	133	133	156	24.74	cps
Potassium	39-2	48917	47504	47855	48092	1.53	cps
Rhodium	103-1	4427803	4641319	4664912	4578011	2.85	cps
Rhodium	103-2	2113193	2103590	2157423	2124735	1.35	cps
Scandium	45-1	3180348	3201283	3254037	3211889	1.18	cps
Scandium	45-2	128543	128869	132591	130001	1.73	cps
Selenium	82-1	563	582	542	563	3.60	cps
Selenium	77-2	20	7	7	11	69.25	cps
Selenium	78-2	57	37	75	56	33.75	cps
Silicon	28-1	939827	915421	929330	928193	1.32	cps
Silver	107-1	2275	2750	2692	2573	10.07	cps
Silver	109-1	2459	2867	2659	2661	7.67	cps
Sodium	23-2	86908	87143	87512	87188	0.35	cps
Strontium	86-1	1992	1934	1717	1881	7.71	cps
Strontium	88-1	6585	6985	6794	6788	2.95	cps
Sulfur	34-1	354244	352833	357706	354928	0.71	cps
Terbium	159-1	5250070	5349115	5184873	5261353	1.57	cps
Terbium	159-2	2338038	2352759	2407979	2366259	1.56	cps
Thallium	203-1	1650	1533	1850	1678	9.55	cps
Thallium	205-1	3617	3801	3834	3751	3.11	cps
Tin	118-1	8837	9237	9037	9037	2.21	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:47	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2175	2092	2184	2150	2.36	cps
Uranium	238-1	4359	4634	4568	4520	3.17	cps
Vanadium	51-2	2987	3124	3247	3119	4.17	cps
Yttrium	89-1	10095374	10505518	10641485	10414126	2.73	cps
Yttrium	89-2	1202549	1184874	1220682	1202702	1.49	cps
Zinc	66-2	380	383	367	377	2.34	cps
Zirconium	90-1	4401	4492	4159	4351	3.96	cps
Zirconium	91-1	1042	1100	1042	1061	3.17	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:38:28 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	709	681	725	705	3.14	cps
Antimony	121-1	2034	1925	2034	1997	3.13	cps
Arsenic	75-2	92	78	75	82	11.11	cps
Barium	135-1	1817	2000	2092	1970	7.11	cps
Barium	137-1	3467	3367	3534	3456	2.43	cps
Beryllium	9-1	452	440	368	420	10.82	cps
Bismuth	209-1	2908881	2803926	2737213	2816674	3.07	cps
Bismuth	209-2	1625789	1606721	1591851	1608120	1.06	cps
Boron	10-1	370	310	318	333	9.79	cps
Boron	11-1	1932	1768	1698	1799	6.68	cps
Bromine	81-1	4095	3584	4195	3958	8.28	cps
Cadmium	111-1	763	856	798	805	5.88	cps
Cadmium	106-1	1800	2284	1975	2020	12.12	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	785	647	667	700	10.61	cps
Calcium	44-1	21692	21844	21725	21754	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1453	1397	1340	1397	4.06	cps
Cobalt	59-2	1110	1193	1127	1143	3.86	cps
Copper	63-2	2175	2211	2134	2173	1.77	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	17	50	25	88.19	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	4923668	4920991	4702559	4849073	2.62	cps
Holmium	165-2	2386162	2305374	2315664	2335733	1.88	cps
Indium	115-1	4620618	4618902	4555666	4598395	0.80	cps
Indium	115-2	755462	753825	758034	755774	0.28	cps
Iron	56-2	27688	28445	27671	27935	1.58	cps
Iron	57-2	783	817	678	759	9.55	cps
Iron	54-2	1828	1783	1756	1789	2.04	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:38:28 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	843	850	842	1.00	cps
Lead	206-1	1439	1456	1372	1422	3.10	cps
Lead	207-1	1195	1161	1100	1152	4.16	cps
Lead	208-1	5489	5817	5445	5584	3.64	cps
Lithium	6-1	1388817	1374061	1265993	1342957	4.99	cps
Magnesium	24-2	4934	5268	4651	4951	6.24	cps
Manganese	55-2	710	687	743	713	3.99	cps
Molybdenum	94-1	3884	4051	3917	3951	2.23	cps
Molybdenum	95-1	4618	4909	5168	4898	5.62	cps
Molybdenum	96-1	5610	5543	5335	5496	2.61	cps
Molybdenum	97-1	3309	3242	3159	3237	2.32	cps
Molybdenum	98-1	7544	8053	7902	7833	3.34	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	443	400	317	387	16.65	cps
Phosphorus	31-2	292	200	250	247	18.56	cps
Potassium	39-2	26291	26483	27326	26700	2.06	cps
Rhodium	103-1	4548429	4530278	4587098	4555268	0.64	cps
Rhodium	103-2	2152677	2159097	2121641	2144472	0.93	cps
Scandium	45-1	3209480	3298212	3158076	3221922	2.20	cps
Scandium	45-2	131759	130383	132910	131684	0.96	cps
Selenium	82-1	427	450	366	414	10.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	29	54	45	30.88	cps
Silicon	28-1	908620	922165	926048	918944	1.00	cps
Silver	107-1	575	567	600	581	2.99	cps
Silver	109-1	558	633	708	633	11.84	cps
Sodium	23-2	40490	40708	39989	40395	0.91	cps
Strontium	86-1	1809	1934	1817	1853	3.77	cps
Strontium	88-1	5293	4951	5518	5254	5.43	cps
Sulfur	34-1	357255	360007	355414	357559	0.65	cps
Terbium	159-1	5305662	5138625	5275342	5239876	1.70	cps
Terbium	159-2	2396926	2382865	2383620	2387804	0.33	cps
Thallium	203-1	1342	1400	1475	1406	4.76	cps
Thallium	205-1	2867	3200	3242	3103	6.63	cps
Tin	118-1	1567	1642	1450	1553	6.22	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1775	1750	1800	1775	1.41	cps
Uranium	238-1	3359	3609	3517	3495	3.62	cps
Vanadium	51-2	563	497	493	518	7.63	cps
Yttrium	89-1	10388209	10310173	10354604	10350995	0.38	cps
Yttrium	89-2	1220777	1223252	1225190	1223073	0.18	cps
Zinc	66-2	320	263	317	300	10.60	cps
Zirconium	90-1	3576	3534	3392	3501	2.75	cps
Zirconium	91-1	742	825	758	775	5.69	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-03-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:58:45 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	466	466	470	1.53	cps
Antimony	121-1	650	600	650	633	4.56	cps
Arsenic	75-2	32	29	30	30	5.04	cps
Barium	135-1	575	583	717	625	12.72	cps
Barium	137-1	1175	1125	1225	1175	4.26	cps
Beryllium	9-1	152	158	156	155	1.97	cps
Bismuth	209-1	2759370	2792399	2728508	2760092	1.16	cps
Bismuth	209-2	1585453	1592123	1584076	1587217	0.27	cps
Boron	10-1	120	128	132	127	4.82	cps
Boron	11-1	582	598	564	581	2.93	cps
Bromine	81-1	3674	3784	3734	3731	1.48	cps
Cadmium	111-1	516	609	438	521	16.42	cps
Cadmium	106-1	1950	2542	1750	2081	19.79	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	687	744	716	716	3.93	cps
Calcium	44-1	20344	20805	20493	20547	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	973	940	927	947	2.54	cps
Cobalt	59-2	400	380	467	416	10.92	cps
Copper	63-2	957	1178	1007	1047	11.07	cps
Dysprosium	156-1	0	42	0	14	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4836608	4686253	4733642	4752168	1.62	cps
Holmium	165-2	2302278	2299775	2291391	2297815	0.25	cps
Indium	115-1	4613414	4575418	4529875	4572902	0.91	cps
Indium	115-2	759436	755301	750102	754947	0.62	cps
Iron	56-2	10682	10754	10526	10654	1.09	cps
Iron	57-2	278	211	239	243	13.80	cps
Iron	54-2	900	889	772	854	8.29	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:58:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	760	810	857	809	5.98	cps
Lead	206-1	406	511	533	483	14.12	cps
Lead	207-1	439	406	433	426	4.19	cps
Lead	208-1	1872	1878	1978	1909	3.11	cps
Lithium	6-1	1299327	1345635	1336792	1327251	1.85	cps
Magnesium	24-2	1934	1984	1859	1925	3.27	cps
Manganese	55-2	203	270	227	233	14.50	cps
Molybdenum	94-1	1300	1300	1300	1300	0.00	cps
Molybdenum	95-1	1417	1425	1767	1536	13.00	cps
Molybdenum	96-1	1875	1575	1683	1711	8.88	cps
Molybdenum	97-1	1008	875	992	958	7.58	cps
Molybdenum	98-1	2425	2334	2584	2448	5.17	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	160	147	167	14.42	cps
Phosphorus	31-2	175	217	208	200	11.03	cps
Potassium	39-2	26859	26308	26767	26645	1.11	cps
Rhodium	103-1	4444622	4475514	4457659	4459265	0.35	cps
Rhodium	103-2	2096890	2140996	2161950	2133279	1.56	cps
Scandium	45-1	3164282	3142869	3086883	3131345	1.28	cps
Scandium	45-2	135210	132004	132071	133095	1.38	cps
Selenium	82-1	511	478	424	471	9.41	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	64	52	55	15.23	cps
Silicon	28-1	902683	911774	919886	911448	0.94	cps
Silver	107-1	583	750	692	675	12.53	cps
Silver	109-1	608	633	692	644	6.64	cps
Sodium	23-2	31326	32311	33072	32236	2.72	cps
Strontium	86-1	1408	1208	1617	1411	14.47	cps
Strontium	88-1	1700	1800	1709	1736	3.20	cps
Sulfur	34-1	371045	366899	366214	368053	0.71	cps
Terbium	159-1	5044749	5059560	5062843	5055718	0.19	cps
Terbium	159-2	2422630	2418529	2337635	2392931	2.00	cps
Thallium	203-1	467	392	467	442	9.80	cps
Thallium	205-1	950	883	967	933	4.72	cps
Tin	118-1	733	675	700	703	4.16	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:58:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	758	883	583	742	20.32	cps
Uranium	238-1	1200	1200	1117	1172	4.10	cps
Vanadium	51-2	160	240	187	196	20.83	cps
Yttrium	89-1	10333717	10280165	10224257	10279380	0.53	cps
Yttrium	89-2	1222784	1227120	1218459	1222788	0.35	cps
Zinc	66-2	133	100	147	127	18.98	cps
Zirconium	90-1	1233	1292	1333	1286	3.91	cps
Zirconium	91-1	308	300	183	264	26.48	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	771	760	865	799	7.22	cps
Antimony	121-1	4609	4651	4868	4709	2.95	cps
Arsenic	75-2	88	89	103	93	8.98	cps
Barium	135-1	4884	4976	4668	4843	3.27	cps
Barium	137-1	8545	8511	8653	8570	0.87	cps
Beryllium	9-1	548	590	572	570	3.70	cps
Bismuth	209-1	2812352	2825990	2736036	2791459	1.74	cps
Bismuth	209-2	1583096	1601693	1608876	1597888	0.83	cps
Boron	10-1	806	954	956	905	9.50	cps
Boron	11-1	3970	4704	5124	4599	12.70	cps
Bromine	81-1	3754	3905	4205	3955	5.80	cps
Cadmium	111-1	974	888	922	928	4.70	cps
Cadmium	106-1	2175	2225	2125	2175	2.30	cps
Cadmium	108-1	33	58	46	46	27.27	cps
Calcium	43-1	3476	3392	3550	3473	2.27	cps
Calcium	44-1	66050	65482	66593	66042	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2194	2310	2347	2284	3.51	cps
Cobalt	59-2	1277	1457	1277	1337	7.78	cps
Copper	63-2	2463	2554	2276	2431	5.82	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	58	50	44	39.03	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	67	33	25	42	52.92	cps
Gadolinium	160-2	20	13	0	11	91.66	cps
Holmium	165-1	4787272	4955168	4758710	4833717	2.20	cps
Holmium	165-2	2336672	2368460	2382031	2362388	0.99	cps
Indium	115-1	4647017	4665641	4571222	4627960	1.08	cps
Indium	115-2	765268	766018	761411	764232	0.32	cps
Iron	56-2	34197	34035	33684	33972	0.77	cps
Iron	57-2	872	789	922	861	7.82	cps
Iron	54-2	2167	2306	2206	2226	3.22	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	933	817	850	8.55	cps
Lead	206-1	1383	1406	1511	1433	4.76	cps
Lead	207-1	1045	1417	1228	1230	15.14	cps
Lead	208-1	5389	5817	5840	5682	4.46	cps
Lithium	6-1	1318275	1299215	1309257	1308915	0.73	cps
Magnesium	24-2	29764	29940	29773	29826	0.33	cps
Manganese	55-2	443	423	423	430	2.69	cps
Molybdenum	94-1	4643	5059	4926	4876	4.37	cps
Molybdenum	95-1	5985	6068	5951	6001	1.00	cps
Molybdenum	96-1	6652	7169	6910	6910	3.74	cps
Molybdenum	97-1	4251	3676	3634	3853	8.95	cps
Molybdenum	98-1	9387	9837	9862	9695	2.76	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	393	420	503	439	13.08	cps
Phosphorus	31-2	233	142	225	200	25.35	cps
Potassium	39-2	48491	48373	47621	48162	0.98	cps
Rhodium	103-1	4580110	4595466	4583826	4586467	0.17	cps
Rhodium	103-2	2175841	2195414	2164242	2178499	0.72	cps
Scandium	45-1	3236948	3229774	3168741	3211821	1.17	cps
Scandium	45-2	133698	136929	133178	134601	1.51	cps
Selenium	82-1	526	517	562	535	4.44	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	63	75	66	68	9.18	cps
Silicon	28-1	916012	917253	922605	918623	0.38	cps
Silver	107-1	2600	2984	2384	2656	11.44	cps
Silver	109-1	2342	2492	2767	2534	8.51	cps
Sodium	23-2	87571	85818	85534	86308	1.28	cps
Strontium	86-1	2200	2267	1950	2139	7.81	cps
Strontium	88-1	6385	6702	6818	6635	3.38	cps
Sulfur	34-1	369089	372268	371617	370991	0.45	cps
Terbium	159-1	5124460	5087609	5122208	5111426	0.40	cps
Terbium	159-2	2313363	2379660	2319865	2337629	1.56	cps
Thallium	203-1	1750	1592	1633	1658	4.95	cps
Thallium	205-1	3759	3509	3967	3745	6.13	cps
Tin	118-1	9362	8678	9062	9034	3.79	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:01:38	DataFile Name :	031LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2217	2175	2150	2181	1.54	cps
Uranium	238-1	4301	4293	4401	4331	1.39	cps
Vanadium	51-2	3324	3037	3360	3240	5.46	cps
Yttrium	89-1	10648362	10313850	10305174	10422462	1.88	cps
Yttrium	89-2	1238654	1249145	1230487	1239429	0.75	cps
Zinc	66-2	273	347	310	310	11.83	cps
Zirconium	90-1	4668	4493	4626	4595	1.99	cps
Zirconium	91-1	875	1033	917	942	8.72	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:04:29 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	686	717	707	704	2.27	cps
Antimony	121-1	1842	1734	1884	1820	4.26	cps
Arsenic	75-2	67	69	84	73	12.67	cps
Barium	135-1	1925	1800	1942	1889	4.10	cps
Barium	137-1	3184	2917	3142	3081	4.66	cps
Beryllium	9-1	404	434	400	413	4.50	cps
Bismuth	209-1	2823916	2691648	2758810	2758125	2.40	cps
Bismuth	209-2	1608616	1603908	1620402	1610975	0.53	cps
Boron	10-1	226	226	200	217	6.91	cps
Boron	11-1	1080	1168	1092	1113	4.29	cps
Bromine	81-1	3654	3674	3614	3648	0.84	cps
Cadmium	111-1	728	755	768	750	2.73	cps
Cadmium	106-1	1825	1950	1984	1920	4.35	cps
Cadmium	108-1	42	50	42	44	10.82	cps
Calcium	43-1	624	661	736	674	8.50	cps
Calcium	44-1	19769	20117	19824	19903	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1287	1397	1390	1358	4.54	cps
Cobalt	59-2	1070	943	1030	1014	6.38	cps
Copper	63-2	1927	1940	2109	1992	5.10	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	4747758	4748175	4818233	4771389	0.85	cps
Holmium	165-2	2350652	2328862	2328663	2336059	0.54	cps
Indium	115-1	4594148	4458980	4589135	4547421	1.69	cps
Indium	115-2	769068	779518	770342	772976	0.74	cps
Iron	56-2	25017	25033	25089	25046	0.15	cps
Iron	57-2	594	617	722	644	10.59	cps
Iron	54-2	1528	1695	1839	1687	9.23	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:04:29	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	800	743	787	4.89	cps
Lead	206-1	1022	906	1067	998	8.34	cps
Lead	207-1	1050	878	967	965	8.93	cps
Lead	208-1	4256	4089	4239	4195	2.19	cps
Lithium	6-1	1292738	1302565	1269082	1288129	1.34	cps
Magnesium	24-2	4684	4943	4668	4765	3.24	cps
Manganese	55-2	580	610	587	592	2.66	cps
Molybdenum	94-1	3759	3892	3434	3695	6.38	cps
Molybdenum	95-1	4234	4551	4559	4448	4.17	cps
Molybdenum	96-1	4876	4751	5143	4923	4.06	cps
Molybdenum	97-1	2625	2642	2642	2636	0.36	cps
Molybdenum	98-1	6852	6727	6869	6816	1.14	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	347	277	309	11.44	cps
Phosphorus	31-2	175	150	217	181	18.65	cps
Potassium	39-2	26742	27276	26508	26842	1.47	cps
Rhodium	103-1	4568437	4429908	4418958	4472434	1.86	cps
Rhodium	103-2	2255494	2209391	2203757	2222881	1.28	cps
Scandium	45-1	3082996	3101981	3201392	3128790	2.03	cps
Scandium	45-2	133811	137574	136320	135901	1.41	cps
Selenium	82-1	408	431	439	426	3.85	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	47	35	45	42	15.19	cps
Silicon	28-1	894834	887016	906860	896237	1.12	cps
Silver	107-1	592	533	558	561	5.22	cps
Silver	109-1	483	467	458	469	2.71	cps
Sodium	23-2	36755	38251	38084	37697	2.17	cps
Strontium	86-1	1658	1909	1884	1817	7.58	cps
Strontium	88-1	4859	4926	5368	5051	5.47	cps
Sulfur	34-1	368854	363260	373100	368405	1.34	cps
Terbium	159-1	5039370	4996528	5025049	5020316	0.43	cps
Terbium	159-2	2296848	2358016	2372895	2342586	1.72	cps
Thallium	203-1	1142	1050	917	1036	10.92	cps
Thallium	205-1	2534	2825	2942	2767	7.60	cps
Tin	118-1	1442	1367	1308	1372	4.87	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:04:29	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1525	1633	1592	1583	3.45	cps
Uranium	238-1	2925	3175	2834	2978	5.94	cps
Vanadium	51-2	420	537	477	478	12.21	cps
Yttrium	89-1	10439374	10077672	10252529	10256525	1.76	cps
Yttrium	89-2	1248480	1253880	1243550	1248637	0.41	cps
Zinc	66-2	223	200	190	204	8.37	cps
Zirconium	90-1	3075	3351	3109	3178	4.72	cps
Zirconium	91-1	742	733	608	694	10.76	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-09 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:11:08 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	479	469	485	477	1.72	cps
Antimony	121-1	583	808	550	647	21.71	cps
Arsenic	75-2	28	24	35	29	19.20	cps
Barium	135-1	592	842	608	681	20.54	cps
Barium	137-1	1192	1292	1033	1172	11.12	cps
Beryllium	9-1	180	156	108	148	24.77	cps
Bismuth	209-1	2664391	2771345	2740520	2725419	2.02	cps
Bismuth	209-2	1549630	1579795	1569239	1566221	0.98	cps
Boron	10-1	90	152	102	115	28.68	cps
Boron	11-1	454	528	528	503	8.49	cps
Bromine	81-1	4085	3955	3664	3901	5.52	cps
Cadmium	111-1	564	482	525	524	7.84	cps
Cadmium	106-1	2034	1967	2217	2072	6.25	cps
Cadmium	108-1	25	46	21	31	43.84	cps
Calcium	43-1	642	657	687	662	3.46	cps
Calcium	44-1	19150	19480	19612	19414	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	980	950	880	937	5.48	cps
Cobalt	59-2	367	303	407	359	14.52	cps
Copper	63-2	1005	1038	1100	1048	4.59	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	33	83	75	64	41.93	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	4654110	4760848	4758223	4724394	1.29	cps
Holmium	165-2	2309736	2313145	2358305	2327062	1.17	cps
Indium	115-1	4536983	4524538	4494952	4518824	0.48	cps
Indium	115-2	747917	754449	755971	752779	0.57	cps
Iron	56-2	10760	10721	10749	10743	0.19	cps
Iron	57-2	283	222	356	287	23.25	cps
Iron	54-2	906	850	856	870	3.52	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:11:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	813	827	777	806	3.21	cps
Lead	206-1	372	472	411	419	12.05	cps
Lead	207-1	383	517	328	409	23.72	cps
Lead	208-1	1650	2311	1689	1884	19.70	cps
Lithium	6-1	1245258	1278873	1332324	1285485	3.42	cps
Magnesium	24-2	1750	1842	1892	1828	3.93	cps
Manganese	55-2	300	253	240	264	11.92	cps
Molybdenum	94-1	1183	1408	1308	1300	8.67	cps
Molybdenum	95-1	1742	1492	1583	1606	7.88	cps
Molybdenum	96-1	1667	1592	1750	1670	4.74	cps
Molybdenum	97-1	1042	1042	1058	1047	0.92	cps
Molybdenum	98-1	2359	2550	2292	2400	5.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	123	113	132	18.58	cps
Phosphorus	31-2	167	175	167	169	2.84	cps
Potassium	39-2	26825	26366	25306	26166	2.98	cps
Rhodium	103-1	4433229	4592671	4478260	4501386	1.83	cps
Rhodium	103-2	2124486	2109701	2156952	2130380	1.13	cps
Scandium	45-1	3101176	3164786	3131004	3132322	1.02	cps
Scandium	45-2	131782	134786	133292	133287	1.13	cps
Selenium	82-1	453	484	541	493	9.12	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	53	49	53	52	4.47	cps
Silicon	28-1	915692	922139	899717	912516	1.27	cps
Silver	107-1	708	733	808	750	6.94	cps
Silver	109-1	567	658	683	636	9.66	cps
Sodium	23-2	32353	31551	30900	31602	2.30	cps
Strontium	86-1	1575	1617	1500	1564	3.78	cps
Strontium	88-1	1792	1950	1683	1809	7.42	cps
Sulfur	34-1	374333	374753	370935	373340	0.56	cps
Terbium	159-1	4890235	5027703	5048347	4988762	1.72	cps
Terbium	159-2	2328101	2304051	2370739	2334297	1.45	cps
Thallium	203-1	308	392	458	386	19.46	cps
Thallium	205-1	900	1242	825	989	22.46	cps
Tin	118-1	833	942	892	889	6.10	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:11:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	708	975	767	817	17.17	cps
Uranium	238-1	1158	1208	1008	1125	9.25	cps
Vanadium	51-2	147	150	147	148	1.30	cps
Yttrium	89-1	10048109	10158510	10447142	10217920	2.02	cps
Yttrium	89-2	1223176	1225890	1237771	1228946	0.63	cps
Zinc	66-2	153	130	157	147	9.91	cps
Zirconium	90-1	1217	1333	1200	1250	5.81	cps
Zirconium	91-1	300	283	258	281	7.48	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:14:00 DataFile Name : 035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	772	792	737	767	3.63	cps
Antimony	121-1	5009	4534	4484	4676	6.20	cps
Arsenic	75-2	87	90	85	87	2.88	cps
Barium	135-1	4909	5043	4868	4940	1.85	cps
Barium	137-1	8636	8194	8920	8584	4.26	cps
Beryllium	9-1	568	516	580	555	6.13	cps
Bismuth	209-1	2727331	2766189	2707304	2733608	1.10	cps
Bismuth	209-2	1576362	1620591	1585957	1594303	1.46	cps
Boron	10-1	830	928	998	919	9.19	cps
Boron	11-1	3946	4580	4998	4508	11.75	cps
Bromine	81-1	3664	3504	3855	3674	4.78	cps
Cadmium	111-1	938	915	908	920	1.71	cps
Cadmium	106-1	1934	2017	2017	1989	2.42	cps
Cadmium	108-1	46	54	42	47	13.48	cps
Calcium	43-1	3484	3504	3380	3456	1.92	cps
Calcium	44-1	64040	65943	65891	65291	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2410	2297	2510	2406	4.44	cps
Cobalt	59-2	1373	1303	1510	1396	7.53	cps
Copper	63-2	2412	2545	2565	2507	3.32	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	4734320	4807490	4757128	4766313	0.79	cps
Holmium	165-2	2351574	2379231	2388626	2373144	0.81	cps
Indium	115-1	4385950	4485110	4482362	4451141	1.27	cps
Indium	115-2	756976	764062	771655	764231	0.96	cps
Iron	56-2	34353	33356	34453	34054	1.78	cps
Iron	57-2	878	933	906	906	3.07	cps
Iron	54-2	2089	2250	2511	2284	9.33	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:14:00	DataFile Name :	035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	820	827	750	799	5.32	cps
Lead	206-1	1267	1283	1383	1311	4.81	cps
Lead	207-1	1139	1028	1156	1107	6.27	cps
Lead	208-1	5351	5512	5478	5447	1.56	cps
Lithium	6-1	1302670	1312608	1271768	1295682	1.64	cps
Magnesium	24-2	30691	29121	29622	29812	2.69	cps
Manganese	55-2	573	460	487	507	11.70	cps
Molybdenum	94-1	4868	4818	4826	4837	0.55	cps
Molybdenum	95-1	5910	6302	6227	6146	3.38	cps
Molybdenum	96-1	6643	6568	6960	6724	3.09	cps
Molybdenum	97-1	3784	3542	3959	3762	5.56	cps
Molybdenum	98-1	9529	9604	9945	9693	2.29	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	427	423	497	449	9.23	cps
Phosphorus	31-2	125	242	208	192	31.35	cps
Potassium	39-2	49603	48967	48725	49098	0.92	cps
Rhodium	103-1	4488256	4430779	4378941	4432659	1.23	cps
Rhodium	103-2	2172385	2149614	2156255	2159418	0.54	cps
Scandium	45-1	3177620	3103781	3186444	3155949	1.44	cps
Scandium	45-2	134273	133992	134957	134408	0.37	cps
Selenium	82-1	542	602	665	603	10.18	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	64	54	69	62	12.25	cps
Silicon	28-1	899189	922233	941740	921054	2.31	cps
Silver	107-1	2492	2650	2634	2592	3.36	cps
Silver	109-1	2075	2717	2642	2478	14.16	cps
Sodium	23-2	85677	84134	86472	85428	1.39	cps
Strontium	86-1	1950	1942	2050	1981	3.04	cps
Strontium	88-1	6693	6660	6477	6610	1.77	cps
Sulfur	34-1	371145	377509	374608	374421	0.85	cps
Terbium	159-1	5016334	4996161	5029555	5014017	0.34	cps
Terbium	159-2	2383137	2341560	2370266	2364988	0.90	cps
Thallium	203-1	1358	1533	1675	1522	10.42	cps
Thallium	205-1	3876	3434	3517	3609	6.50	cps
Tin	118-1	8811	8911	9345	9023	3.14	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:14:00	DataFile Name :	035LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1967	1975	2109	2017	3.94	cps
Uranium	238-1	4384	4676	4268	4443	4.74	cps
Vanadium	51-2	3200	3354	3017	3190	5.28	cps
Yttrium	89-1	10258435	9974913	10206108	10146485	1.49	cps
Yttrium	89-2	1229662	1230882	1243577	1234707	0.62	cps
Zinc	66-2	263	367	333	321	16.42	cps
Zirconium	90-1	4034	4434	4593	4354	6.61	cps
Zirconium	91-1	917	925	967	936	2.86	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:16:50 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690	655	624	656	5.05	cps
Antimony	121-1	1708	1575	1825	1703	7.35	cps
Arsenic	75-2	79	76	77	77	1.97	cps
Barium	135-1	1817	1842	1850	1836	0.94	cps
Barium	137-1	3242	3275	3209	3242	1.03	cps
Beryllium	9-1	410	412	388	403	3.30	cps
Bismuth	209-1	2743808	2791820	2834060	2789896	1.62	cps
Bismuth	209-2	1590350	1572510	1575758	1579539	0.60	cps
Boron	10-1	212	228	196	212	7.55	cps
Boron	11-1	1092	1100	986	1059	6.01	cps
Bromine	81-1	3754	3604	3965	3774	4.80	cps
Cadmium	111-1	825	693	804	774	9.23	cps
Cadmium	106-1	2084	1900	2267	2084	8.80	cps
Cadmium	108-1	29	42	58	43	33.98	cps
Calcium	43-1	686	712	694	697	1.94	cps
Calcium	44-1	19636	19875	19811	19774	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1217	1413	1413	1348	8.42	cps
Cobalt	59-2	1000	1023	940	988	4.35	cps
Copper	63-2	1887	1839	1840	1855	1.48	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	42	33	44	28.64	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	67	33	8	36	81.06	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	4745585	4938983	4985225	4889931	2.60	cps
Holmium	165-2	2326625	2272705	2307128	2302152	1.19	cps
Indium	115-1	4607249	4660672	4647924	4638615	0.60	cps
Indium	115-2	773357	750256	751297	758303	1.72	cps
Iron	56-2	24811	24911	25128	24950	0.65	cps
Iron	57-2	689	617	600	635	7.44	cps
Iron	54-2	1745	1945	1711	1800	7.01	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:16:50 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	803	727	753	761	5.11	cps
Lead	206-1	1033	1022	1083	1046	3.11	cps
Lead	207-1	961	989	1078	1009	6.04	cps
Lead	208-1	4178	4011	4245	4145	2.90	cps
Lithium	6-1	1285309	1299522	1322646	1302492	1.45	cps
Magnesium	24-2	4534	4843	4301	4559	5.96	cps
Manganese	55-2	593	603	683	627	7.87	cps
Molybdenum	94-1	3459	3609	3434	3501	2.70	cps
Molybdenum	95-1	4351	4417	4484	4417	1.51	cps
Molybdenum	96-1	4918	5043	5026	4995	1.36	cps
Molybdenum	97-1	2567	2917	2942	2809	7.47	cps
Molybdenum	98-1	7461	6827	6902	7063	4.90	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	280	370	321	14.17	cps
Phosphorus	31-2	158	250	117	175	38.98	cps
Potassium	39-2	27986	26675	27485	27382	2.42	cps
Rhodium	103-1	4556435	4485625	4519230	4520430	0.78	cps
Rhodium	103-2	2207359	2122685	2166027	2165357	1.96	cps
Scandium	45-1	3187153	3174183	3243740	3201692	1.16	cps
Scandium	45-2	137066	134826	132222	134705	1.80	cps
Selenium	82-1	386	426	406	406	4.87	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	40	42	38	40	5.00	cps
Silicon	28-1	899166	908469	899883	902506	0.57	cps
Silver	107-1	542	483	633	553	13.68	cps
Silver	109-1	467	575	508	517	10.58	cps
Sodium	23-2	36830	36538	36012	36460	1.14	cps
Strontium	86-1	1675	1600	1909	1728	9.31	cps
Strontium	88-1	5001	4676	4926	4868	3.50	cps
Sulfur	34-1	378042	379048	379268	378786	0.17	cps
Terbium	159-1	5095730	5171093	5218161	5161661	1.20	cps
Terbium	159-2	2362397	2283217	2346292	2330636	1.80	cps
Thallium	203-1	1033	1108	1258	1133	10.11	cps
Thallium	205-1	2942	2925	2550	2806	7.89	cps
Tin	118-1	1375	1642	1517	1511	8.83	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:16:50	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1433	1392	1550	1458	5.63	cps
Uranium	238-1	3000	3309	3334	3214	5.78	cps
Vanadium	51-2	517	463	413	464	11.13	cps
Yttrium	89-1	10558673	10273240	10645258	10492390	1.86	cps
Yttrium	89-2	1257516	1220722	1229419	1235886	1.56	cps
Zinc	66-2	240	273	277	263	7.70	cps
Zirconium	90-1	3376	3167	3209	3250	3.39	cps
Zirconium	91-1	742	800	967	836	13.97	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : M1458-12 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:28:37 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495	476	505	492	2.97	cps
Antimony	121-1	600	642	608	617	3.58	cps
Arsenic	75-2	36	32	22	30	24.04	cps
Barium	135-1	608	675	658	647	5.36	cps
Barium	137-1	1200	900	1200	1100	15.75	cps
Beryllium	9-1	126	142	144	137	7.18	cps
Bismuth	209-1	2680215	2820348	2701587	2734050	2.76	cps
Bismuth	209-2	1575903	1555280	1567303	1566162	0.66	cps
Boron	10-1	92	88	110	97	12.13	cps
Boron	11-1	376	414	388	393	4.95	cps
Bromine	81-1	3654	3614	3554	3608	1.40	cps
Cadmium	111-1	527	527	562	539	3.80	cps
Cadmium	106-1	2075	2084	2192	2117	3.08	cps
Cadmium	108-1	25	33	38	32	19.92	cps
Calcium	43-1	642	575	647	622	6.51	cps
Calcium	44-1	18103	18148	18274	18175	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1023	830	1053	969	12.51	cps
Cobalt	59-2	443	410	297	383	20.06	cps
Copper	63-2	1008	1010	1055	1024	2.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	42	58	39	53.92	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	4669390	4810584	4775694	4751890	1.55	cps
Holmium	165-2	2293077	2242316	2284545	2273313	1.20	cps
Indium	115-1	4559209	4575203	4568810	4567741	0.18	cps
Indium	115-2	755511	740388	760954	752284	1.42	cps
Iron	56-2	10743	10515	10554	10604	1.15	cps
Iron	57-2	317	278	294	296	6.59	cps
Iron	54-2	861	944	933	913	4.96	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:28:37	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	803	853	833	830	3.03	cps
Lead	206-1	361	456	478	431	14.36	cps
Lead	207-1	400	378	372	383	3.83	cps
Lead	208-1	1633	1683	1661	1659	1.51	cps
Lithium	6-1	1298118	1310601	1323029	1310583	0.95	cps
Magnesium	24-2	2109	1783	2100	1997	9.28	cps
Manganese	55-2	270	237	290	266	10.15	cps
Molybdenum	94-1	1375	1300	1308	1328	3.10	cps
Molybdenum	95-1	1775	1642	1375	1597	12.75	cps
Molybdenum	96-1	1742	1575	1542	1620	6.62	cps
Molybdenum	97-1	1050	950	1033	1011	5.30	cps
Molybdenum	98-1	2492	2225	2300	2339	5.88	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	140	160	150	6.67	cps
Phosphorus	31-2	192	175	175	181	5.33	cps
Potassium	39-2	26124	26709	26258	26363	1.16	cps
Rhodium	103-1	4540636	4457692	4610312	4536213	1.68	cps
Rhodium	103-2	2169002	2131597	2189980	2163526	1.37	cps
Scandium	45-1	3218235	3222300	3231710	3224082	0.21	cps
Scandium	45-2	133555	131561	134965	133360	1.28	cps
Selenium	82-1	540	454	480	491	9.06	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	55	63	56	58	7.51	cps
Silicon	28-1	929392	919911	942708	930670	1.23	cps
Silver	107-1	542	617	733	631	15.32	cps
Silver	109-1	717	633	808	719	12.17	cps
Sodium	23-2	30357	29547	30800	30235	2.10	cps
Strontium	86-1	1617	1608	1417	1547	7.31	cps
Strontium	88-1	1558	1558	1767	1628	7.39	cps
Sulfur	34-1	388531	384386	383612	385510	0.69	cps
Terbium	159-1	5135341	5144650	5107711	5129234	0.37	cps
Terbium	159-2	2343190	2273103	2339422	2318572	1.70	cps
Thallium	203-1	375	417	367	386	6.94	cps
Thallium	205-1	1017	783	817	872	14.47	cps
Tin	118-1	1058	883	1142	1028	12.83	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	M1458-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:28:37	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717	692	592	667	9.92	cps
Uranium	238-1	1092	1083	1075	1083	0.77	cps
Vanadium	51-2	167	150	207	174	16.70	cps
Yttrium	89-1	10453303	10236467	10287201	10325657	1.10	cps
Yttrium	89-2	1227436	1204889	1236642	1222989	1.34	cps
Zinc	66-2	187	183	160	177	8.23	cps
Zirconium	90-1	1167	1208	1408	1261	10.24	cps
Zirconium	91-1	308	250	408	322	24.85	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134949BL Instrumnet Name : P8
 Client Sample ID : PB134949BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:31:30 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	416	379	405	400	4.81	cps
Antimony	121-1	25	25	50	33	43.30	cps
Arsenic	75-2	4	7	3	5	44.61	cps
Barium	135-1	17	8	25	17	50.01	cps
Barium	137-1	42	17	8	22	78.07	cps
Beryllium	9-1	22	34	20	25	29.87	cps
Bismuth	209-1	2781714	2776968	2524277	2694320	5.47	cps
Bismuth	209-2	1581662	1548169	1579024	1569618	1.19	cps
Boron	10-1	88	100	78	89	12.42	cps
Boron	11-1	334	384	326	348	9.03	cps
Bromine	81-1	3304	3554	3624	3494	4.82	cps
Cadmium	111-1	358	406	353	372	7.81	cps
Cadmium	106-1	1784	2059	1733	1859	9.42	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	210	175	191	192	9.12	cps
Calcium	44-1	11657	11493	11522	11557	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	657	740	803	733	10.03	cps
Cobalt	59-2	60	40	40	47	24.74	cps
Copper	63-2	510	465	485	487	4.71	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	4715163	4840259	4380153	4645192	5.12	cps
Holmium	165-2	2328556	2252162	2343866	2308195	2.13	cps
Indium	115-1	4560723	4577375	4203871	4447323	4.74	cps
Indium	115-2	751925	746988	751890	750268	0.38	cps
Iron	56-2	2684	2850	2928	2821	4.43	cps
Iron	57-2	89	156	128	124	26.99	cps
Iron	54-2	428	511	539	493	11.74	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BL	Instrumnet Name :	P8
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:31:30	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	810	863	839	3.21	cps
Lead	206-1	94	61	94	83	23.10	cps
Lead	207-1	89	89	39	72	39.97	cps
Lead	208-1	272	394	244	304	26.28	cps
Lithium	6-1	1346004	1299331	1282788	1309374	2.50	cps
Magnesium	24-2	533	500	475	503	5.82	cps
Manganese	55-2	73	100	83	86	15.75	cps
Molybdenum	94-1	133	158	133	142	10.19	cps
Molybdenum	95-1	25	0	25	17	86.60	cps
Molybdenum	96-1	67	58	33	53	32.87	cps
Molybdenum	97-1	25	0	17	14	91.65	cps
Molybdenum	98-1	17	17	33	22	43.28	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	47	60	48	24.50	cps
Phosphorus	31-2	208	158	133	167	22.91	cps
Potassium	39-2	25481	25415	25874	25590	0.97	cps
Rhodium	103-1	4653386	4484540	4228591	4455506	4.80	cps
Rhodium	103-2	2173243	2107285	2174893	2151807	1.79	cps
Scandium	45-1	3224291	3152280	3082464	3153012	2.25	cps
Scandium	45-2	133992	133272	137275	134846	1.58	cps
Selenium	82-1	385	416	367	389	6.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	39	25	44	36	27.36	cps
Silicon	28-1	899690	930510	922639	917613	1.75	cps
Silver	107-1	58	17	50	42	52.91	cps
Silver	109-1	42	50	33	42	20.00	cps
Sodium	23-2	28086	27359	28670	28039	2.34	cps
Strontium	86-1	1383	1367	1075	1275	13.60	cps
Strontium	88-1	42	67	58	56	22.91	cps
Sulfur	34-1	389321	389686	389944	389650	0.08	cps
Terbium	159-1	5062599	5058704	4861871	4994391	2.30	cps
Terbium	159-2	2387878	2295209	2344242	2342443	1.98	cps
Thallium	203-1	33	33	0	22	86.60	cps
Thallium	205-1	58	50	50	53	9.12	cps
Tin	118-1	292	117	133	181	53.49	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BL	Instrumnet Name :	P8
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:31:30	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	300	250	286	11.03	cps
Uranium	238-1	8	0	33	14	124.91	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	10340499	10164464	9729580	10078181	3.12	cps
Yttrium	89-2	1228563	1210772	1229992	1223109	0.88	cps
Zinc	66-2	83	73	87	81	8.56	cps
Zirconium	90-1	358	308	233	300	20.97	cps
Zirconium	91-1	58	108	33	67	57.29	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	994507	975960	986986	985817	0.95	cps
Antimony	121-1	1197122	1217686	1258032	1224280	2.53	cps
Arsenic	75-2	45150	45387	45548	45362	0.44	cps
Barium	135-1	1298741	1339890	1345933	1328188	1.93	cps
Barium	137-1	2286542	2357503	2328217	2324087	1.53	cps
Beryllium	9-1	279619	287504	291429	286184	2.10	cps
Bismuth	209-1	2734766	2795482	2787748	2772665	1.19	cps
Bismuth	209-2	1621463	1645706	1623255	1630141	0.83	cps
Boron	10-1	18360	20867	22825	20684	10.82	cps
Boron	11-1	90860	104219	111879	102319	10.40	cps
Bromine	81-1	3744	3474	3634	3618	3.76	cps
Cadmium	111-1	255176	264837	261171	260395	1.87	cps
Cadmium	106-1	30309	31294	30676	30760	1.62	cps
Cadmium	108-1	19931	19589	19723	19748	0.87	cps
Calcium	43-1	1692874	1753256	1746118	1730749	1.91	cps
Calcium	44-1	28622807	28676192	28718974	28672658	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	410665	406977	409138	408927	0.45	cps
Cobalt	59-2	678224	681612	678964	679600	0.26	cps
Copper	63-2	5027977	4985077	4888768	4967274	1.44	cps
Dysprosium	156-1	317	375	217	303	26.45	cps
Dysprosium	156-2	163	173	183	173	5.77	cps
Erbium	164-1	100	83	58	81	26.03	cps
Erbium	164-2	13	40	53	36	57.29	cps
Gadolinium	160-1	342	242	342	308	18.72	cps
Gadolinium	160-2	163	213	190	189	13.24	cps
Holmium	165-1	4857834	5084506	5089895	5010745	2.64	cps
Holmium	165-2	2507327	2431594	2460016	2466313	1.55	cps
Indium	115-1	4445589	4713132	4518278	4559000	3.03	cps
Indium	115-2	762167	763620	762908	762898	0.10	cps
Iron	56-2	78468621	78453735	77364899	78095752	0.81	cps
Iron	57-2	1984343	1999901	1967905	1984050	0.81	cps
Iron	54-2	4305276	4363937	4288297	4319170	0.92	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	767	740	867	791	8.44	cps
Lead	206-1	3362708	3409867	3382540	3385038	0.70	cps
Lead	207-1	3023439	3145450	3070758	3079882	2.00	cps
Lead	208-1	13438033	13783482	13614999	13612171	1.27	cps
Lithium	6-1	1367902	1413236	1421030	1400723	2.05	cps
Magnesium	24-2	15052010	14923177	14947298	14974162	0.46	cps
Manganese	55-2	1944823	1994221	1987485	1975510	1.36	cps
Molybdenum	94-1	2565654	2626699	2680883	2624412	2.20	cps
Molybdenum	95-1	3255665	3314736	3381407	3317269	1.90	cps
Molybdenum	96-1	3548144	3630902	3654726	3611257	1.55	cps
Molybdenum	97-1	2013250	2055745	2078090	2049028	1.61	cps
Molybdenum	98-1	5109805	5343165	5218927	5223966	2.24	cps
Neodymium	150-1	93	53	33	60	50.93	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	187996	185804	186723	186841	0.59	cps
Phosphorus	31-2	12931	12447	13498	12959	4.06	cps
Potassium	39-2	5802131	5920348	5873139	5865206	1.01	cps
Rhodium	103-1	4421950	4492317	4367252	4427173	1.42	cps
Rhodium	103-2	2146702	2180211	2117703	2148205	1.46	cps
Scandium	45-1	3227319	3373701	3317251	3306090	2.23	cps
Scandium	45-2	135798	133629	134593	134674	0.81	cps
Selenium	82-1	19319	19868	20037	19741	1.90	cps
Selenium	77-2	727	690	713	710	2.61	cps
Selenium	78-2	2333	2329	2366	2343	0.87	cps
Silicon	28-1	1677861	1768069	1790988	1745639	3.43	cps
Silver	107-1	1447239	1462571	1491734	1467181	1.54	cps
Silver	109-1	1377118	1401432	1435484	1404678	2.09	cps
Sodium	23-2	29356043	28739541	28794259	28963281	1.18	cps
Strontium	86-1	386599	393529	397778	392635	1.44	cps
Strontium	88-1	3220555	3311404	3346001	3292653	1.97	cps
Sulfur	34-1	500437	505629	507205	504424	0.70	cps
Terbium	159-1	5103118	5302413	5186340	5197290	1.93	cps
Terbium	159-2	2423857	2469824	2503893	2465858	1.63	cps
Thallium	203-1	791621	813122	843928	816224	3.22	cps
Thallium	205-1	1917841	1969284	1923116	1936747	1.46	cps
Tin	118-1	877157	906057	915858	899691	2.24	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:34:20	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	918638	962133	960826	947199	2.61	cps
Uranium	238-1	2192687	2329748	2338683	2287039	3.58	cps
Vanadium	51-2	333468	331483	332079	332344	0.31	cps
Yttrium	89-1	10302484	10575420	10635738	10504547	1.69	cps
Yttrium	89-2	1243209	1258815	1258236	1253420	0.71	cps
Zinc	66-2	615568	618917	618995	617827	0.32	cps
Zirconium	90-1	2059878	2115394	2118634	2097969	1.57	cps
Zirconium	91-1	457900	466928	473992	466273	1.73	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:41:36 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	312	360	350	9.61	cps
Antimony	121-1	83	150	233	156	48.31	cps
Arsenic	75-2	12	9	7	9	26.96	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	42	32	40	38	13.93	cps
Bismuth	209-1	2850425	2890012	2877402	2872613	0.70	cps
Bismuth	209-2	1651748	1623475	1605930	1627051	1.42	cps
Boron	10-1	578	660	660	633	7.48	cps
Boron	11-1	3060	2954	2878	2964	3.08	cps
Bromine	81-1	3804	3474	3714	3664	4.66	cps
Cadmium	111-1	427	391	439	419	5.89	cps
Cadmium	106-1	2059	2000	2175	2078	4.29	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	205	176	200	194	7.93	cps
Calcium	44-1	12035	11773	11780	11863	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	743	720	690	718	3.73	cps
Cobalt	59-2	47	47	50	48	4.02	cps
Copper	63-2	604	601	558	588	4.45	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	3	17	17	12	63.01	cps
Holmium	165-1	5018498	4993013	5050937	5020816	0.58	cps
Holmium	165-2	2287252	2307925	2314061	2303080	0.61	cps
Indium	115-1	4663589	4682088	4715172	4686950	0.56	cps
Indium	115-2	755387	741012	754694	750364	1.08	cps
Iron	56-2	3317	3239	3495	3350	3.91	cps
Iron	57-2	56	144	94	98	45.40	cps
Iron	54-2	522	550	472	515	7.66	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:36	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	797	860	790	9.31	cps
Lead	206-1	417	461	383	420	9.28	cps
Lead	207-1	461	394	417	424	8.00	cps
Lead	208-1	1817	1872	1672	1787	5.78	cps
Lithium	6-1	1438885	1403419	1387403	1409903	1.87	cps
Magnesium	24-2	575	525	583	561	5.62	cps
Manganese	55-2	107	87	90	94	11.35	cps
Molybdenum	94-1	208	258	142	203	28.86	cps
Molybdenum	95-1	192	67	117	125	50.33	cps
Molybdenum	96-1	292	183	158	211	33.57	cps
Molybdenum	97-1	125	75	17	72	75.07	cps
Molybdenum	98-1	242	150	200	197	23.27	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	50	43	44	11.46	cps
Phosphorus	31-2	183	200	167	183	9.09	cps
Potassium	39-2	24521	25081	25256	24953	1.54	cps
Rhodium	103-1	4616740	4537463	4531084	4561762	1.05	cps
Rhodium	103-2	2201469	2139579	2131822	2157623	1.77	cps
Scandium	45-1	3228437	3187467	3258278	3224727	1.10	cps
Scandium	45-2	133464	130827	131872	132054	1.01	cps
Selenium	82-1	414	360	319	364	12.99	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	33	31	43	36	18.03	cps
Silicon	28-1	919947	921649	913274	918290	0.48	cps
Silver	107-1	92	58	58	69	27.72	cps
Silver	109-1	67	67	125	86	39.11	cps
Sodium	23-2	31017	29839	29397	30084	2.78	cps
Strontium	86-1	1183	1158	1208	1183	2.11	cps
Strontium	88-1	42	100	33	58	62.27	cps
Sulfur	34-1	377085	373699	374581	375122	0.47	cps
Terbium	159-1	5301435	5221881	5263850	5262389	0.76	cps
Terbium	159-2	2390665	2326349	2401776	2372930	1.72	cps
Thallium	203-1	42	33	25	33	25.01	cps
Thallium	205-1	100	50	58	69	38.57	cps
Tin	118-1	333	250	242	275	18.43	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:36	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	300	233	289	17.63	cps
Uranium	238-1	42	33	8	28	62.46	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	10427530	10388511	10311462	10375834	0.57	cps
Yttrium	89-2	1222962	1194156	1217752	1211623	1.27	cps
Zinc	66-2	60	103	80	81	26.74	cps
Zirconium	90-1	325	325	375	342	8.45	cps
Zirconium	91-1	50	67	58	58	14.29	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134949BS Instrumnet Name : P8
 Client Sample ID : PB134949BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:44:28 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195593	197424	196601	196540	0.47	cps
Antimony	121-1	1221428	1238076	1232396	1230634	0.69	cps
Arsenic	75-2	44617	44554	44411	44528	0.24	cps
Barium	135-1	1283591	1339110	1339311	1320671	2.43	cps
Barium	137-1	2257836	2334970	2320678	2304495	1.78	cps
Beryllium	9-1	274789	280134	281510	278811	1.27	cps
Bismuth	209-1	2892180	2853022	3001057	2915420	2.63	cps
Bismuth	209-2	1700003	1655010	1608860	1654624	2.75	cps
Boron	10-1	16134	18626	20472	18411	11.83	cps
Boron	11-1	82500	93605	100428	92177	9.82	cps
Bromine	81-1	3684	3794	3845	3774	2.17	cps
Cadmium	111-1	260495	269777	264954	265076	1.75	cps
Cadmium	106-1	30843	31353	31595	31264	1.23	cps
Cadmium	108-1	19773	19814	19977	19855	0.54	cps
Calcium	43-1	342296	345849	345214	344453	0.55	cps
Calcium	44-1	5736609	5862593	5796930	5798710	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	400691	399139	398653	399494	0.27	cps
Cobalt	59-2	673348	673929	676356	674544	0.24	cps
Copper	63-2	4927879	4914967	4841819	4894888	0.95	cps
Dysprosium	156-1	125	92	67	94	30.98	cps
Dysprosium	156-2	40	40	37	39	4.94	cps
Erbium	164-1	25	67	17	36	74.18	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	75	83	83	81	5.98	cps
Gadolinium	160-2	30	40	40	37	15.75	cps
Holmium	165-1	5217668	5033935	5216034	5155879	2.05	cps
Holmium	165-2	2486666	2373032	2367645	2409114	2.79	cps
Indium	115-1	4639319	4643378	4781280	4687992	1.72	cps
Indium	115-2	764463	763036	756687	761395	0.54	cps
Iron	56-2	15306626	15592805	15382635	15427355	0.96	cps
Iron	57-2	381517	382956	387501	383991	0.81	cps
Iron	54-2	868949	861301	864078	864776	0.45	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BS	Instrumnet Name :	P8
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:28	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	793	850	799	6.08	cps
Lead	206-1	3434335	3390053	3451897	3425428	0.93	cps
Lead	207-1	3114056	3170137	3178881	3154358	1.12	cps
Lead	208-1	13782226	14018755	14126987	13975989	1.26	cps
Lithium	6-1	1449748	1427053	1453395	1443399	0.99	cps
Magnesium	24-2	3010385	2963117	3002534	2992012	0.85	cps
Manganese	55-2	1979285	1948998	1951270	1959851	0.86	cps
Molybdenum	94-1	2519643	2563290	2613628	2565520	1.83	cps
Molybdenum	95-1	3171084	3253345	3251865	3225431	1.46	cps
Molybdenum	96-1	3432453	3445195	3556378	3478009	1.96	cps
Molybdenum	97-1	1954506	2001907	2034147	1996853	2.01	cps
Molybdenum	98-1	5127434	5214842	5122249	5154842	1.01	cps
Neodymium	150-1	60	87	33	60	44.45	cps
Neodymium	150-2	0	7	20	9	114.55	cps
Nickel	60-2	187006	183636	186496	185713	0.98	cps
Phosphorus	31-2	13482	12706	12039	12742	5.67	cps
Potassium	39-2	1198207	1198365	1198393	1198322	0.01	cps
Rhodium	103-1	4688652	4589975	4690690	4656439	1.24	cps
Rhodium	103-2	2162522	2175260	2066965	2134916	2.77	cps
Scandium	45-1	3372364	3326907	3426755	3375342	1.48	cps
Scandium	45-2	134994	134886	131348	133743	1.55	cps
Selenium	82-1	19592	19966	19636	19731	1.04	cps
Selenium	77-2	673	537	710	640	14.27	cps
Selenium	78-2	2197	2124	2245	2189	2.78	cps
Silicon	28-1	1700482	1815860	1829005	1781782	3.97	cps
Silver	107-1	1417517	1471484	1462714	1450572	2.00	cps
Silver	109-1	1349542	1392207	1376864	1372871	1.57	cps
Sodium	23-2	5740755	5675930	5684647	5700444	0.62	cps
Strontium	86-1	379103	387820	385445	384123	1.17	cps
Strontium	88-1	3205014	3310216	3231374	3248868	1.68	cps
Sulfur	34-1	493634	486716	482876	487742	1.12	cps
Terbium	159-1	5459565	5254541	5459949	5391352	2.20	cps
Terbium	159-2	2444396	2437789	2372124	2418103	1.65	cps
Thallium	203-1	819366	835908	833204	829492	1.07	cps
Thallium	205-1	1930613	1990973	1992019	1971202	1.78	cps
Tin	118-1	902951	910304	901232	904829	0.53	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134949BS	Instrumnet Name :	P8
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:28	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	910407	941129	920638	924058	1.69	cps
Uranium	238-1	2254199	2338287	2355904	2316130	2.35	cps
Vanadium	51-2	322338	323138	321660	322378	0.23	cps
Yttrium	89-1	10713186	10515134	10692252	10640190	1.02	cps
Yttrium	89-2	1256364	1235682	1222705	1238250	1.37	cps
Zinc	66-2	619084	622403	611026	617504	0.95	cps
Zirconium	90-1	2077952	2090171	2086436	2084853	0.30	cps
Zirconium	91-1	453284	468394	465852	462510	1.75	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134950BL Instrumnet Name : P8
 Client Sample ID : PB134950BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:01:46 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	369	404	321	365	11.36	cps
Antimony	121-1	50	167	108	108	53.85	cps
Arsenic	75-2	10	7	4	7	42.86	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	42	17	8	22	78.07	cps
Beryllium	9-1	28	16	32	25	32.85	cps
Bismuth	209-1	2797444	2819376	2871443	2829421	1.34	cps
Bismuth	209-2	1646689	1616790	1599044	1620841	1.49	cps
Boron	10-1	312	318	334	321	3.54	cps
Boron	11-1	1576	1528	1480	1528	3.14	cps
Bromine	81-1	3674	3424	3905	3668	6.55	cps
Cadmium	111-1	395	450	422	422	6.42	cps
Cadmium	106-1	2050	2267	2075	2131	5.56	cps
Cadmium	108-1	21	29	8	19	53.95	cps
Calcium	43-1	166	192	185	181	7.46	cps
Calcium	44-1	11437	11501	11561	11499	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	813	793	853	820	3.73	cps
Cobalt	59-2	50	33	60	48	28.20	cps
Copper	63-2	541	478	484	501	6.92	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	25	58	39	44.61	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4791427	4844727	4898148	4844767	1.10	cps
Holmium	165-2	2381948	2352624	2361461	2365344	0.64	cps
Indium	115-1	4509075	4533922	4676570	4573189	1.98	cps
Indium	115-2	748271	753018	749752	750347	0.32	cps
Iron	56-2	2967	2550	2739	2752	7.58	cps
Iron	57-2	100	106	83	96	12.01	cps
Iron	54-2	489	467	461	472	3.11	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BL	Instrumnet Name :	P8
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:01:46	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	743	813	741	9.90	cps
Lead	206-1	222	228	256	235	7.59	cps
Lead	207-1	267	267	250	261	3.68	cps
Lead	208-1	1056	950	1083	1030	6.83	cps
Lithium	6-1	1369696	1310484	1355257	1345146	2.30	cps
Magnesium	24-2	458	442	600	500	17.40	cps
Manganese	55-2	73	67	47	62	22.30	cps
Molybdenum	94-1	92	158	92	114	33.80	cps
Molybdenum	95-1	117	58	8	61	88.73	cps
Molybdenum	96-1	75	142	67	94	43.53	cps
Molybdenum	97-1	33	58	17	36	58.08	cps
Molybdenum	98-1	100	75	83	86	14.78	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	50	47	77	58	28.46	cps
Phosphorus	31-2	208	92	208	169	39.75	cps
Potassium	39-2	24179	25014	24680	24624	1.71	cps
Rhodium	103-1	4518835	4477717	4489653	4495402	0.47	cps
Rhodium	103-2	2115414	2167947	2127139	2136833	1.29	cps
Scandium	45-1	3210107	3184057	3236757	3210307	0.82	cps
Scandium	45-2	132633	133451	132179	132754	0.49	cps
Selenium	82-1	431	393	413	412	4.66	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	31	39	46	39	19.41	cps
Silicon	28-1	912714	911781	911021	911839	0.09	cps
Silver	107-1	75	75	25	58	49.49	cps
Silver	109-1	42	17	33	31	41.66	cps
Sodium	23-2	28403	28737	27794	28311	1.69	cps
Strontium	86-1	1175	1217	1342	1245	6.97	cps
Strontium	88-1	50	92	58	67	33.08	cps
Sulfur	34-1	373307	370324	373869	372500	0.51	cps
Terbium	159-1	5172560	5134066	5152771	5153132	0.37	cps
Terbium	159-2	2341718	2370722	2358781	2357074	0.62	cps
Thallium	203-1	8	42	8	19	99.00	cps
Thallium	205-1	58	33	50	47	26.97	cps
Tin	118-1	250	267	225	247	8.48	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BL	Instrumnet Name :	P8
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:01:46	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	325	175	239	32.41	cps
Uranium	238-1	25	0	0	8	173.21	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	10350194	10095135	10515898	10320409	2.05	cps
Yttrium	89-2	1204742	1217653	1196452	1206282	0.89	cps
Zinc	66-2	83	80	107	90	16.15	cps
Zirconium	90-1	267	333	292	297	11.33	cps
Zirconium	91-1	42	50	100	64	49.38	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198658	195544	196641	196947	0.80	cps
Antimony	121-1	1198589	1232203	1238585	1223126	1.76	cps
Arsenic	75-2	45096	43775	44805	44559	1.56	cps
Barium	135-1	1309943	1312447	1313725	1312038	0.15	cps
Barium	137-1	2312487	2288212	2365897	2322199	1.71	cps
Beryllium	9-1	271943	278287	282384	277538	1.90	cps
Bismuth	209-1	2839011	2915252	2838992	2864418	1.54	cps
Bismuth	209-2	1607446	1818724	1774672	1733614	6.43	cps
Boron	10-1	16548	18908	20664	18707	11.04	cps
Boron	11-1	82096	92094	101993	92061	10.81	cps
Bromine	81-1	3484	3534	3624	3547	2.00	cps
Cadmium	111-1	259298	261528	265120	261982	1.12	cps
Cadmium	106-1	29766	30342	30885	30331	1.85	cps
Cadmium	108-1	19973	19718	20561	20084	2.15	cps
Calcium	43-1	341538	350033	350672	347414	1.47	cps
Calcium	44-1	5653572	5805678	5907187	5788813	2.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	402582	400113	398574	400423	0.50	cps
Cobalt	59-2	677057	667201	676904	673721	0.84	cps
Copper	63-2	4976406	4962483	4911119	4950003	0.69	cps
Dysprosium	156-1	67	67	67	67	0.00	cps
Dysprosium	156-2	37	40	27	34	20.14	cps
Erbium	164-1	50	100	33	61	56.78	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	133	108	133	125	11.55	cps
Gadolinium	160-2	50	60	70	60	16.67	cps
Holmium	165-1	4958505	4990440	4842919	4930621	1.57	cps
Holmium	165-2	2462515	2599609	2634694	2565606	3.55	cps
Indium	115-1	4678273	4730136	4570955	4659788	1.74	cps
Indium	115-2	775606	827529	812985	805373	3.33	cps
Iron	56-2	15581238	15353615	15607221	15514025	0.90	cps
Iron	57-2	383931	386558	385054	385181	0.34	cps
Iron	54-2	860568	855107	864795	860157	0.56	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	830	750	827	802	5.64	cps
Lead	206-1	3389012	3380156	3562658	3443942	2.99	cps
Lead	207-1	3058528	3059537	3158060	3092042	1.85	cps
Lead	208-1	13597943	13662571	14017308	13759274	1.64	cps
Lithium	6-1	1386655	1349806	1325099	1353853	2.29	cps
Magnesium	24-2	3076789	2994018	2963179	3011328	1.95	cps
Manganese	55-2	1943868	1930350	1931106	1935108	0.39	cps
Molybdenum	94-1	2536082	2659886	2655591	2617186	2.68	cps
Molybdenum	95-1	3142507	3326837	3367344	3278896	3.65	cps
Molybdenum	96-1	3479099	3599502	3583974	3554192	1.84	cps
Molybdenum	97-1	1986916	2017291	2048596	2017601	1.53	cps
Molybdenum	98-1	4996991	5134442	5204488	5111973	2.06	cps
Neodymium	150-1	113	73	120	102	24.69	cps
Neodymium	150-2	23	7	17	16	53.90	cps
Nickel	60-2	188393	184885	188539	187272	1.10	cps
Phosphorus	31-2	12898	12097	12564	12520	3.21	cps
Potassium	39-2	1207506	1209302	1197859	1204889	0.51	cps
Rhodium	103-1	4622231	4643900	4399821	4555318	2.97	cps
Rhodium	103-2	2239370	2338488	2288683	2288847	2.17	cps
Scandium	45-1	3308972	3379279	3170364	3286205	3.23	cps
Scandium	45-2	136519	146176	144677	142457	3.65	cps
Selenium	82-1	19818	19757	19967	19847	0.54	cps
Selenium	77-2	660	647	670	659	1.78	cps
Selenium	78-2	2263	2212	2278	2251	1.54	cps
Silicon	28-1	1625074	1652909	1676968	1651650	1.57	cps
Silver	107-1	1435367	1457721	1454268	1449118	0.83	cps
Silver	109-1	1349343	1370432	1382406	1367393	1.22	cps
Sodium	23-2	5881458	5766426	5645609	5764498	2.05	cps
Strontium	86-1	374458	374925	384570	377984	1.51	cps
Strontium	88-1	3198361	3250225	3260063	3236216	1.02	cps
Sulfur	34-1	488705	486504	487509	487572	0.23	cps
Terbium	159-1	5310605	5287149	5189623	5262459	1.22	cps
Terbium	159-2	2444238	2639727	2664017	2582661	4.67	cps
Thallium	203-1	804129	830218	831904	822084	1.89	cps
Thallium	205-1	1942191	2017959	1975432	1978527	1.92	cps
Tin	118-1	887549	888399	910055	895334	1.42	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134950BS	Instrumnet Name :	P8
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:04:36	DataFile Name :	046LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	913970	933473	934733	927392	1.26	cps
Uranium	238-1	2243970	2312491	2267583	2274681	1.53	cps
Vanadium	51-2	325446	319792	326728	323988	1.14	cps
Yttrium	89-1	10502764	10669487	10279831	10484027	1.86	cps
Yttrium	89-2	1264287	1336987	1321509	1307594	2.93	cps
Zinc	66-2	623441	616011	619303	619585	0.60	cps
Zirconium	90-1	2019366	2106585	2143206	2089719	3.04	cps
Zirconium	91-1	449383	467219	474169	463590	2.76	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134947BL Instrumnet Name : P8
 Client Sample ID : PB134947BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:16:48 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382	400	362	382	4.92	cps
Antimony	121-1	158	117	150	142	15.56	cps
Arsenic	75-2	6	7	8	7	14.29	cps
Barium	135-1	17	8	17	14	34.67	cps
Barium	137-1	33	17	42	31	41.66	cps
Beryllium	9-1	40	34	52	42	21.83	cps
Bismuth	209-1	2795015	2833033	2750571	2792873	1.48	cps
Bismuth	209-2	1602839	1585559	1598616	1595671	0.56	cps
Boron	10-1	410	378	390	393	4.12	cps
Boron	11-1	2084	2058	2074	2072	0.63	cps
Bromine	81-1	3464	3594	3594	3551	2.12	cps
Cadmium	111-1	382	421	375	393	6.32	cps
Cadmium	106-1	1934	2059	1875	1956	4.79	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	184	191	206	194	5.91	cps
Calcium	44-1	11652	11782	11757	11730	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	740	647	707	698	6.78	cps
Cobalt	59-2	73	30	43	49	45.40	cps
Copper	63-2	486	559	478	508	8.73	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	33	33	0	22	86.60	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	3	30	7	13	108.98	cps
Holmium	165-1	4875323	4769175	4667113	4770537	2.18	cps
Holmium	165-2	2371047	2336105	2357616	2354923	0.75	cps
Indium	115-1	4505962	4650201	4483156	4546440	1.99	cps
Indium	115-2	753171	751060	757469	753900	0.43	cps
Iron	56-2	2611	2834	2850	2765	4.82	cps
Iron	57-2	122	100	111	111	10.00	cps
Iron	54-2	467	528	494	496	6.17	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BL	Instrumnet Name :	P8
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	823	713	770	769	7.15	cps
Lead	206-1	444	400	378	407	8.33	cps
Lead	207-1	328	267	339	311	12.50	cps
Lead	208-1	1433	1450	1356	1413	3.57	cps
Lithium	6-1	1312116	1316135	1327678	1318643	0.61	cps
Magnesium	24-2	467	358	492	439	16.15	cps
Manganese	55-2	57	80	107	81	30.84	cps
Molybdenum	94-1	175	150	133	153	13.73	cps
Molybdenum	95-1	150	58	50	86	64.44	cps
Molybdenum	96-1	192	108	42	114	65.99	cps
Molybdenum	97-1	92	67	75	78	16.37	cps
Molybdenum	98-1	142	175	125	147	17.30	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	70	47	54	24.74	cps
Phosphorus	31-2	108	183	133	142	26.96	cps
Potassium	39-2	24955	24071	25273	24766	2.52	cps
Rhodium	103-1	4531462	4590221	4515580	4545754	0.86	cps
Rhodium	103-2	2199297	2155804	2108677	2154593	2.10	cps
Scandium	45-1	3256846	3141669	3264552	3221022	2.14	cps
Scandium	45-2	135018	131957	133780	133585	1.15	cps
Selenium	82-1	372	494	417	428	14.37	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	50	47	32	43	22.43	cps
Silicon	28-1	892461	878338	906775	892525	1.59	cps
Silver	107-1	50	58	67	58	14.29	cps
Silver	109-1	75	17	75	56	60.62	cps
Sodium	23-2	28503	27852	28336	28231	1.20	cps
Strontium	86-1	1200	1558	1283	1347	13.92	cps
Strontium	88-1	83	133	42	86	53.30	cps
Sulfur	34-1	367531	369102	369181	368605	0.25	cps
Terbium	159-1	5258611	5171110	5147899	5192540	1.12	cps
Terbium	159-2	2360978	2345977	2365499	2357485	0.43	cps
Thallium	203-1	0	0	33	11	173.21	cps
Thallium	205-1	58	50	42	50	16.67	cps
Tin	118-1	217	192	233	214	9.81	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BL	Instrumnet Name :	P8
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	242	292	264	9.65	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	0	13	10	8	89.21	cps
Yttrium	89-1	10321364	10258944	10386299	10322202	0.62	cps
Yttrium	89-2	1229018	1215349	1217029	1220465	0.61	cps
Zinc	66-2	73	77	93	81	13.21	cps
Zirconium	90-1	267	383	392	347	20.13	cps
Zirconium	91-1	67	83	42	64	32.83	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : PB134947BS Instrumnet Name : P8
 Client Sample ID : PB134947BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:19:38 DataFile Name : 048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200971	197745	195756	198157	1.33	cps
Antimony	121-1	1208034	1232091	1244466	1228197	1.51	cps
Arsenic	75-2	45602	45050	44630	45094	1.08	cps
Barium	135-1	1277459	1318628	1340064	1312050	2.42	cps
Barium	137-1	2235283	2318130	2340407	2297940	2.41	cps
Beryllium	9-1	268765	272772	273880	271805	0.99	cps
Bismuth	209-1	2833313	2891638	2816835	2847262	1.38	cps
Bismuth	209-2	1644532	1599239	1647988	1630586	1.67	cps
Boron	10-1	16220	18554	20490	18421	11.61	cps
Boron	11-1	79739	91550	100275	90522	11.39	cps
Bromine	81-1	3564	3444	3364	3457	2.92	cps
Cadmium	111-1	254138	261106	265802	260349	2.25	cps
Cadmium	106-1	30401	30626	31328	30785	1.57	cps
Cadmium	108-1	19447	20015	19902	19788	1.52	cps
Calcium	43-1	335676	347287	351113	344692	2.33	cps
Calcium	44-1	5460264	5751744	5841923	5684644	3.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	408107	402438	403346	404630	0.75	cps
Cobalt	59-2	693026	681481	678404	684303	1.13	cps
Copper	63-2	5055784	5029247	5048349	5044460	0.27	cps
Dysprosium	156-1	75	83	183	114	52.93	cps
Dysprosium	156-2	43	17	50	37	48.10	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	117	167	108	131	24.16	cps
Gadolinium	160-2	53	70	87	70	23.81	cps
Holmium	165-1	5003774	4892707	4937975	4944818	1.13	cps
Holmium	165-2	2429820	2375424	2389759	2398334	1.18	cps
Indium	115-1	4668146	4674885	4635058	4659363	0.46	cps
Indium	115-2	755736	757702	764793	759410	0.63	cps
Iron	56-2	15841480	15969003	15589580	15800021	1.22	cps
Iron	57-2	391889	387563	382990	387481	1.15	cps
Iron	54-2	887248	873436	871614	877432	0.97	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BS	Instrumnet Name :	P8
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:19:38	DataFile Name :	048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	843	863	808	9.85	cps
Lead	206-1	3269205	3415411	3424381	3369666	2.59	cps
Lead	207-1	2972654	3067348	3131944	3057315	2.62	cps
Lead	208-1	13265154	13791636	13891301	13649364	2.46	cps
Lithium	6-1	1359222	1355032	1352244	1355499	0.26	cps
Magnesium	24-2	3072715	3045531	2962649	3026965	1.89	cps
Manganese	55-2	2001038	1987659	1975235	1987977	0.65	cps
Molybdenum	94-1	2548937	2638750	2624968	2604218	1.86	cps
Molybdenum	95-1	3115502	3273014	3230576	3206364	2.54	cps
Molybdenum	96-1	3459642	3639448	3577087	3558726	2.57	cps
Molybdenum	97-1	1932713	2013203	2079525	2008480	3.66	cps
Molybdenum	98-1	4897155	5110638	5164154	5057316	2.79	cps
Neodymium	150-1	80	87	140	102	32.17	cps
Neodymium	150-2	20	30	7	19	61.96	cps
Nickel	60-2	190430	186749	187318	188165	1.05	cps
Phosphorus	31-2	13198	13073	13215	13162	0.59	cps
Potassium	39-2	1246228	1230134	1189400	1221921	2.40	cps
Rhodium	103-1	4500225	4508133	4481564	4496641	0.30	cps
Rhodium	103-2	2162741	2140475	2149580	2150932	0.52	cps
Scandium	45-1	3278395	3317974	3334327	3310232	0.87	cps
Scandium	45-2	136590	134850	136011	135817	0.65	cps
Selenium	82-1	19100	19756	19544	19466	1.72	cps
Selenium	77-2	647	650	733	677	7.26	cps
Selenium	78-2	2254	2306	2227	2263	1.78	cps
Silicon	28-1	1636612	1653653	1689221	1659829	1.62	cps
Silver	107-1	1420303	1456819	1466107	1447743	1.67	cps
Silver	109-1	1323971	1376095	1373526	1357864	2.16	cps
Sodium	23-2	5838646	5815465	5780178	5811430	0.51	cps
Strontium	86-1	378940	383161	383314	381805	0.65	cps
Strontium	88-1	3279056	3348140	3296244	3307813	1.09	cps
Sulfur	34-1	483236	480177	485467	482960	0.55	cps
Terbium	159-1	5173870	5277700	5273596	5241722	1.12	cps
Terbium	159-2	2452808	2363782	2448304	2421631	2.07	cps
Thallium	203-1	812290	818766	824859	818638	0.77	cps
Thallium	205-1	1917001	1955542	1980083	1950875	1.63	cps
Tin	118-1	891745	910342	913773	905287	1.31	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	PB134947BS	Instrumnet Name :	P8
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:19:38	DataFile Name :	048LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	895486	935356	941353	924065	2.70	cps
Uranium	238-1	2206336	2313914	2353217	2291156	3.32	cps
Vanadium	51-2	332052	329660	326208	329307	0.89	cps
Yttrium	89-1	10611079	10825162	10418742	10618328	1.91	cps
Yttrium	89-2	1240993	1238317	1251133	1243481	0.54	cps
Zinc	66-2	635015	628578	624632	629408	0.83	cps
Zirconium	90-1	2007824	2089986	2070053	2055954	2.08	cps
Zirconium	91-1	451184	466952	468180	462105	2.05	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCV10 Instrumnet Name : P8
 Client Sample ID : CCV10 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:22:28 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	974868	970149	969917	971645	0.29	cps
Antimony	121-1	1205617	1245881	1249383	1233627	1.97	cps
Arsenic	75-2	44401	44689	45034	44708	0.71	cps
Barium	135-1	1310778	1340490	1331296	1327521	1.15	cps
Barium	137-1	2268833	2277407	2322253	2289498	1.25	cps
Beryllium	9-1	275657	283493	285038	281396	1.79	cps
Bismuth	209-1	2676871	2756960	2826718	2753516	2.72	cps
Bismuth	209-2	1582992	1606007	1625475	1604824	1.33	cps
Boron	10-1	21189	22775	23877	22614	5.97	cps
Boron	11-1	104958	115649	120031	113546	6.83	cps
Bromine	81-1	3654	3694	3915	3754	3.73	cps
Cadmium	111-1	254391	259916	262628	258978	1.62	cps
Cadmium	106-1	29457	29758	29741	29652	0.57	cps
Cadmium	108-1	19326	19956	20048	19777	1.99	cps
Calcium	43-1	1700458	1720408	1765264	1728710	1.92	cps
Calcium	44-1	28102351	28613496	28935836	28550561	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404672	406260	404016	404983	0.28	cps
Cobalt	59-2	673657	675895	671333	673628	0.34	cps
Copper	63-2	4757494	4711219	4809472	4759395	1.03	cps
Dysprosium	156-1	292	350	275	306	12.89	cps
Dysprosium	156-2	157	173	187	172	8.73	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	23	37	27	29	24.03	cps
Gadolinium	160-1	333	367	342	347	5.00	cps
Gadolinium	160-2	180	187	157	174	9.03	cps
Holmium	165-1	4862163	5064636	5019419	4982073	2.13	cps
Holmium	165-2	2427802	2477374	2451812	2452330	1.01	cps
Indium	115-1	4434587	4549418	4571450	4518485	1.63	cps
Indium	115-2	745982	755668	757897	753182	0.84	cps
Iron	56-2	76633118	76765149	77994874	77131047	0.97	cps
Iron	57-2	1943072	1965713	1924103	1944296	1.07	cps
Iron	54-2	4273845	4274806	4257703	4268784	0.23	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:22:28	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	790	740	768	3.32	cps
Lead	206-1	3359188	3384035	3392381	3378535	0.51	cps
Lead	207-1	3050984	3112247	3097293	3086841	1.03	cps
Lead	208-1	13419943	13812559	13656854	13629785	1.45	cps
Lithium	6-1	1377555	1408740	1404536	1396944	1.21	cps
Magnesium	24-2	14757820	14666177	14686543	14703513	0.33	cps
Manganese	55-2	1965120	1961904	1977647	1968224	0.42	cps
Molybdenum	94-1	2605841	2576130	2657337	2613102	1.57	cps
Molybdenum	95-1	3208804	3297169	3317088	3274354	1.76	cps
Molybdenum	96-1	3424799	3512878	3629117	3522265	2.91	cps
Molybdenum	97-1	1994305	2029032	2037851	2020396	1.14	cps
Molybdenum	98-1	5196521	5243658	5170502	5203561	0.71	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	183203	183501	186451	184385	0.97	cps
Phosphorus	31-2	12664	13348	12222	12745	4.45	cps
Potassium	39-2	5828930	5766316	5710589	5768612	1.03	cps
Rhodium	103-1	4381128	4474922	4471009	4442353	1.19	cps
Rhodium	103-2	2102219	2151818	2101186	2118408	1.37	cps
Scandium	45-1	3176024	3249058	3272749	3232610	1.56	cps
Scandium	45-2	131254	134318	134968	133513	1.49	cps
Selenium	82-1	19092	19352	19822	19422	1.91	cps
Selenium	77-2	647	727	687	687	5.83	cps
Selenium	78-2	2179	2193	2263	2212	2.03	cps
Silicon	28-1	1643542	1744377	1764163	1717361	3.77	cps
Silver	107-1	1435700	1493288	1491755	1473581	2.23	cps
Silver	109-1	1379552	1390692	1409859	1393368	1.10	cps
Sodium	23-2	29114562	28538570	28927682	28860271	1.02	cps
Strontium	86-1	388747	389092	389121	388987	0.05	cps
Strontium	88-1	3243683	3274747	3356488	3291639	1.77	cps
Sulfur	34-1	474906	478425	478231	477187	0.41	cps
Terbium	159-1	5156387	5264828	5428460	5283225	2.59	cps
Terbium	159-2	2429763	2434985	2466232	2443660	0.81	cps
Thallium	203-1	803761	815997	826152	815303	1.38	cps
Thallium	205-1	1905394	1917653	1965492	1929513	1.65	cps
Tin	118-1	896911	899215	911287	902471	0.86	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:22:28	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	937871	931630	932405	933969	0.36	cps
Uranium	238-1	2251211	2314693	2335639	2300514	1.91	cps
Vanadium	51-2	329486	329192	326639	328439	0.48	cps
Yttrium	89-1	10420637	10520610	10509578	10483608	0.52	cps
Yttrium	89-2	1232419	1251521	1243510	1242483	0.77	cps
Zinc	66-2	604989	604680	610846	606838	0.57	cps
Zirconium	90-1	2059740	2153506	2085913	2099720	2.30	cps
Zirconium	91-1	453312	475029	480124	469488	3.03	cps

LB Number : LB113416 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P8
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:32:32 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	370	370	366	1.77	cps
Antimony	121-1	233	242	283	253	10.60	cps
Arsenic	75-2	8	9	7	8	12.50	cps
Barium	135-1	17	8	33	19	65.47	cps
Barium	137-1	50	33	33	39	24.75	cps
Beryllium	9-1	52	62	34	49	28.77	cps
Bismuth	209-1	2681541	2776120	2811922	2756528	2.44	cps
Bismuth	209-2	1524316	1601984	1478106	1534802	4.08	cps
Boron	10-1	790	770	728	763	4.15	cps
Boron	11-1	3880	3884	3764	3842	1.77	cps
Bromine	81-1	3534	3915	3734	3728	5.11	cps
Cadmium	111-1	348	387	365	367	5.24	cps
Cadmium	106-1	1759	2000	1909	1889	6.46	cps
Cadmium	108-1	17	25	29	24	26.95	cps
Calcium	43-1	236	222	200	220	8.33	cps
Calcium	44-1	11606	11593	11665	11621	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	757	780	810	782	3.42	cps
Cobalt	59-2	43	73	33	50	41.64	cps
Copper	63-2	538	630	568	579	8.08	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	17	8	67	31	103.26	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	4600601	4916679	4781327	4766202	3.33	cps
Holmium	165-2	2269486	2365359	2191489	2275445	3.83	cps
Indium	115-1	4381346	4517379	4509352	4469359	1.71	cps
Indium	115-2	722623	756367	699065	726018	3.97	cps
Iron	56-2	3156	3378	3517	3350	5.44	cps
Iron	57-2	144	150	144	146	2.19	cps
Iron	54-2	572	528	506	535	6.34	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:32:32	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	920	803	767	830	9.65	cps
Lead	206-1	572	544	500	539	6.76	cps
Lead	207-1	417	517	406	446	13.71	cps
Lead	208-1	2072	2033	1856	1987	5.81	cps
Lithium	6-1	1296817	1323877	1289049	1303248	1.40	cps
Magnesium	24-2	525	442	533	500	10.14	cps
Manganese	55-2	120	97	97	104	12.90	cps
Molybdenum	94-1	133	108	175	139	24.25	cps
Molybdenum	95-1	175	117	108	133	27.24	cps
Molybdenum	96-1	200	142	142	161	20.91	cps
Molybdenum	97-1	158	83	75	106	43.48	cps
Molybdenum	98-1	242	83	100	142	61.41	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	33	57	83	58	43.30	cps
Phosphorus	31-2	142	258	133	178	39.31	cps
Potassium	39-2	24713	24989	25289	24997	1.15	cps
Rhodium	103-1	4345912	4469250	4429431	4414864	1.43	cps
Rhodium	103-2	2108547	2195712	2038836	2114365	3.72	cps
Scandium	45-1	2986545	3155662	3133431	3091879	2.97	cps
Scandium	45-2	125457	129527	122497	125827	2.81	cps
Selenium	82-1	331	467	407	402	16.97	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	44	39	38	40	7.97	cps
Silicon	28-1	896286	913289	918987	909521	1.30	cps
Silver	107-1	125	100	100	108	13.32	cps
Silver	109-1	83	50	92	75	29.40	cps
Sodium	23-2	31008	31059	29923	30663	2.09	cps
Strontium	86-1	1383	1400	1275	1353	5.02	cps
Strontium	88-1	75	83	117	92	24.05	cps
Sulfur	34-1	366513	367036	366961	366836	0.08	cps
Terbium	159-1	5098909	5123797	5067926	5096877	0.55	cps
Terbium	159-2	2262629	2353109	2227106	2280948	2.85	cps
Thallium	203-1	25	42	42	36	26.65	cps
Thallium	205-1	50	50	58	53	9.12	cps
Tin	118-1	200	300	258	253	19.87	cps

LB Number :	LB113416	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:32:32	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	283	258	281	7.48	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	13	13	13	13	0.00	cps
Yttrium	89-1	9897577	10328209	10159656	10128481	2.14	cps
Yttrium	89-2	1170865	1224269	1123989	1173041	4.28	cps
Zinc	66-2	130	97	90	106	20.30	cps
Zirconium	90-1	425	392	300	372	17.39	cps
Zirconium	91-1	67	67	108	81	29.86	cps