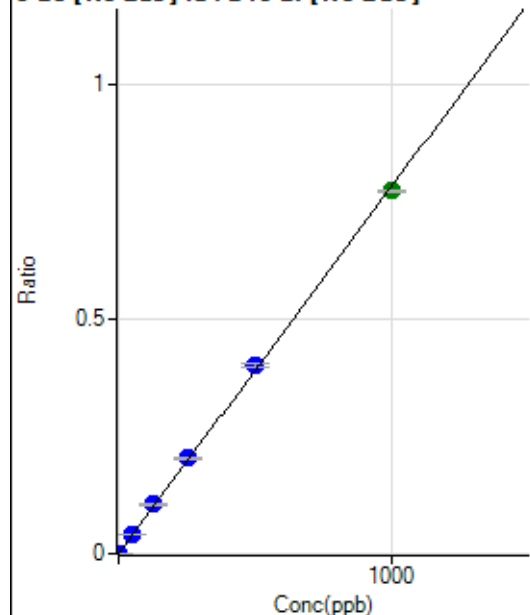


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7040623 MS.b\
Analysis File: P7040623 MS.batch.bin
DA Date-Time: 2023-04-10 21:18:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-06 14:22:17
2	006CALS.d	S02	2023-04-06 14:28:49
3	007CALS.d	S03	2023-04-06 14:32:05
4	008CALS.d	S04	2023-04-06 14:35:12
5	009CALS.d	S05	2023-04-06 14:38:53
6	010CALS.d	S06	2023-04-06 14:41:45
7	011CALS.d	S07	2023-04-06 14:44:30
8	012CALS.d	S08	2023-04-06 14:47:18

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	25.5
2	☐	1.000	1.128	1672.33	0.0009	P	7.2
3	☐	50.000	53.699	74354.31	0.0420	P	2.9
4	☐	125.000	135.047	181895.59	0.1055	P	4.9
5	☐	250.000	260.678	353508.21	0.2037	P	1.8
6	☐	500.000	514.830	694497.23	0.4022	P	2.2
7	☐	1000.000	988.475	1305850.49	0.7722	A	0.7
8	☐			565.57	0.0004	P	6.9

$$y = 7.8114\text{E-}004 * x + 3.8634\text{E-}005$$

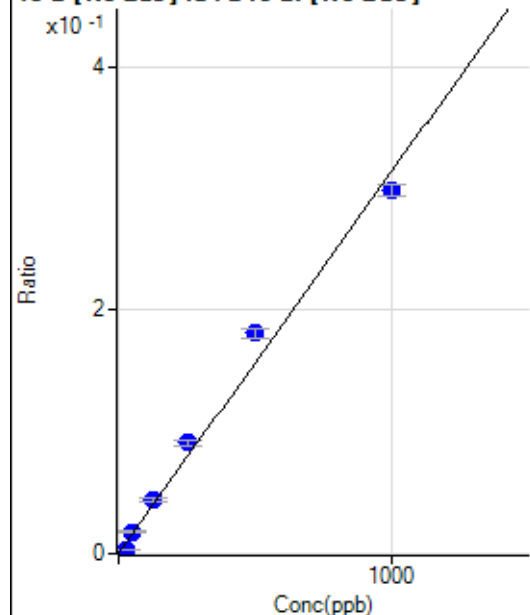
$$R = 0.9997$$

$$DL = 0.03784$$

$$BEC = 0.04946$$

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	331.12	0.0002	P	12.6
2	☐	25.000	8.527	5197.58	0.0029	P	2.2
3	☐	50.000	56.739	31803.81	0.0180	P	8.3
4	☐	125.000	141.182	76533.15	0.0444	P	8.7
5	☐	250.000	289.243	157698.93	0.0909	P	4.3
6	☐	500.000	576.726	312525.20	0.1810	P	4.5
7	☐	1000.000	949.878	503903.25	0.2980	P	3.3
8	☐			18427.86	0.0123	P	14.8

$$y = 3.1353\text{E-}004 * x + 1.8323\text{E-}004$$

$$R = 0.9939$$

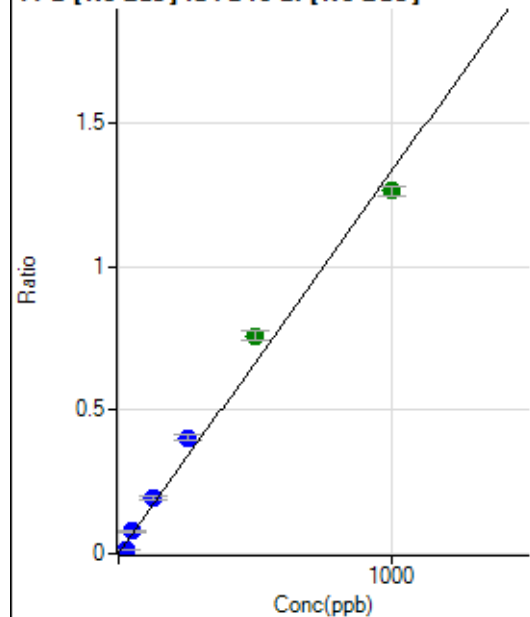
$$DL = 0.2206$$

$$BEC = 0.5844$$

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	1572.32	0.0009	P	4.0
2	☐	25.000	8.717	22731.22	0.0125	P	3.5
3	☐	50.000	59.270	141315.23	0.0799	P	7.5
4	☐	125.000	146.052	336738.77	0.1955	P	7.4
5	☐	250.000	302.607	701253.35	0.4041	P	5.1
6	☐	500.000	569.608	1312083.53	0.7599	A	4.6
7	☐	1000.000	949.356	2140822.59	1.2660	A	2.9
8	☐			81103.71	0.0539	P	15.3

$$y = 0.0013 * x + 8.6954E-004$$

$$R = 0.9938$$

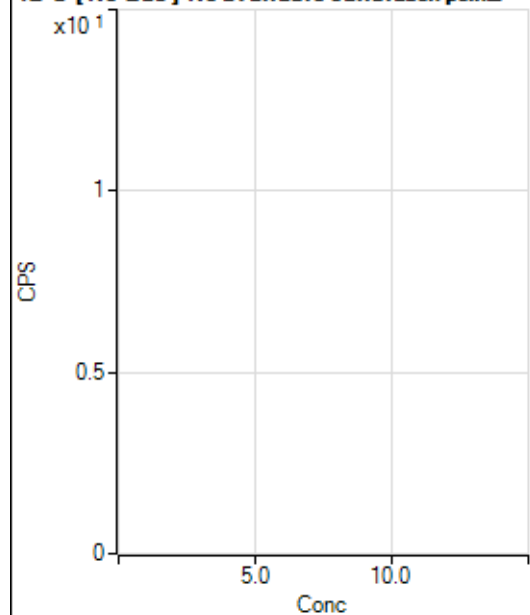
$$DL = 0.0775$$

$$BEC = 0.6525$$

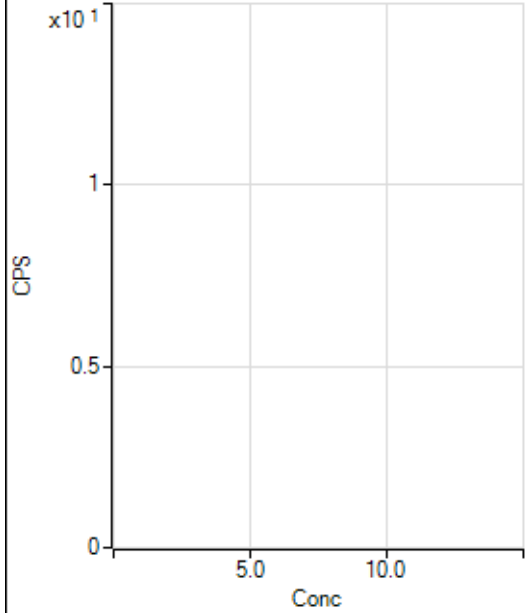
Weight: <None>

Min Conc: 0

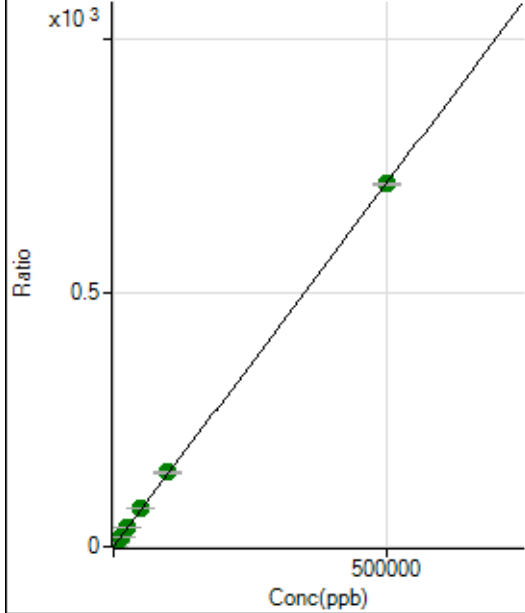
12 C [No Gas] No available calibration points



	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	12010.33	0.0382	P	1.4
2	☐	500.000	515.459	246988.37	0.7770	P	0.7
3	☐	5000.000	5348.704	2411234.84	7.7043	A	1.3
4	☐	12500.000	13168.347	5734792.69	18.9118	A	1.1
5	☐	25000.000	26120.184	11376203.16	37.4752	A	0.3
6	☐	50000.000	52139.136	22864953.55	74.7670	A	0.8
7	☐	100000.00	102193.77	44730494.89	146.5082	A	1.7
8	☐	500000.00	499271.11	194279297.1	715.6224	A	0.2

$$y = 0.0014 * x + 0.0382$$

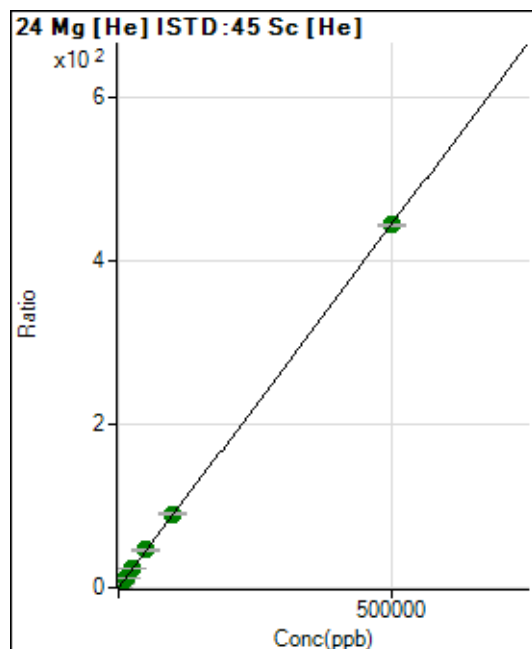
$$R = 1.0000$$

$$DL = 1.121$$

$$BEC = 26.65$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	484.46	0.0015	P	6.7
2	☐	500.000	509.680	144755.82	0.4554	P	0.5
3	☐	5000.000	5388.913	1502229.23	4.7999	A	1.6
4	☐	12500.000	13399.742	3618576.89	11.9329	A	0.2
5	☐	25000.000	26021.212	7033860.45	23.1712	A	0.9
6	☐	50000.000	51723.816	14085053.96	46.0572	A	1.2
7	☐	100000.00	101243.26	27524052.65	90.1501	A	1.6
8	☐	500000.00	499501.51	120746374.8	444.7655	A	0.2

$$y = 8.9042\text{E-}004 * x + 0.0015$$

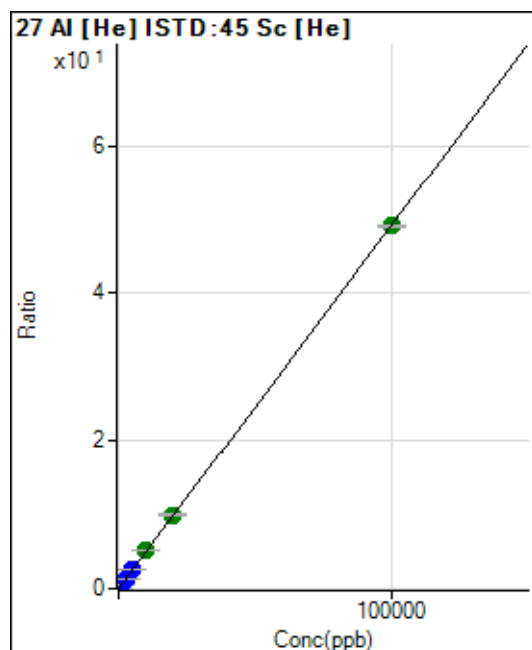
$$R = 1.0000$$

$$DL = 0.3453$$

$$BEC = 1.73$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.22	0.0003	P	27.4
2	☐	20.000	20.731	3344.84	0.0105	P	2.8
3	☐	1000.000	1104.975	170229.75	0.5439	P	0.3
4	☐	2500.000	2721.568	406092.03	1.3391	P	0.7
5	☐	5000.000	5243.529	783127.67	2.5797	P	0.2
6	☐	10000.000	10416.680	1567199.60	5.1246	A	0.5
7	☐	20000.000	20332.169	3053555.06	10.0022	A	2.5
8	☐	100000.00	99873.133	13338272.58	49.1305	A	0.7

$$y = 4.9193\text{E-}004 * x + 3.2482\text{E-}004$$

$$R = 1.0000$$

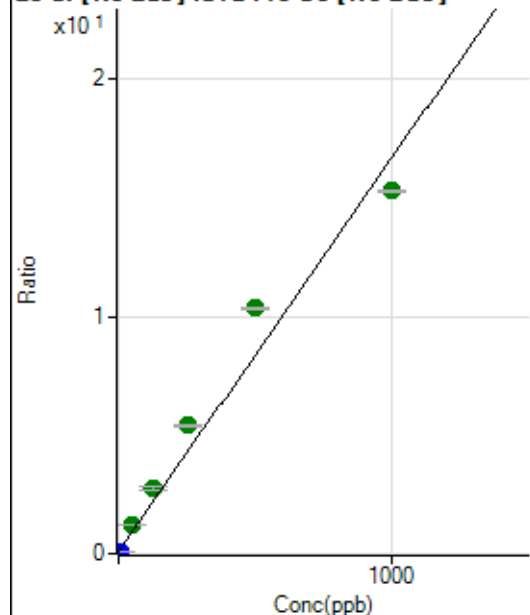
$$DL = 0.5423$$

$$BEC = 0.6603$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	323917.67	0.0837	P	0.8
2	☐	10.000	0.566	372184.12	0.0931	P	0.9
3	☐	50.000	67.924	4626159.44	1.2090	A	3.5
4	☐	125.000	162.040	10137523.74	2.7681	A	6.7
5	☐	250.000	321.199	20319087.61	5.4047	A	2.3
6	☐	500.000	618.449	38717591.64	10.3290	A	0.4
7	☐	1000.000	917.544	57575182.47	15.2839	A	0.8
8	☐			748617.38	0.2209	P	10.3

$$y = 0.0166 * x + 0.0837$$

R = 0.9849

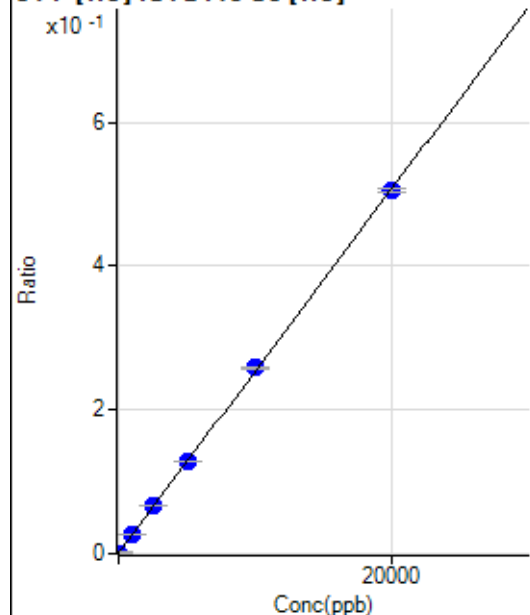
DL = 0.1264

BEC = 5.054

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.911	256.67	0.0008	P	3.4
2	☐	0.000	9.911	418.90	0.0013	P	7.2
3	☐	1000.000	1035.825	8534.67	0.0273	P	4.0
4	☐	2500.000	2593.722	20222.34	0.0667	P	0.3
5	☐	5000.000	5015.968	38845.94	0.1280	P	1.0
6	☐	10000.000	10159.851	78931.01	0.2581	P	0.8
7	☐	20000.000	19902.576	154068.95	0.5046	P	1.2
8	☐			321.12	0.0012	P	7.0

$$y = 2.5299E-005 * x + 0.0011$$

R = 0.9999

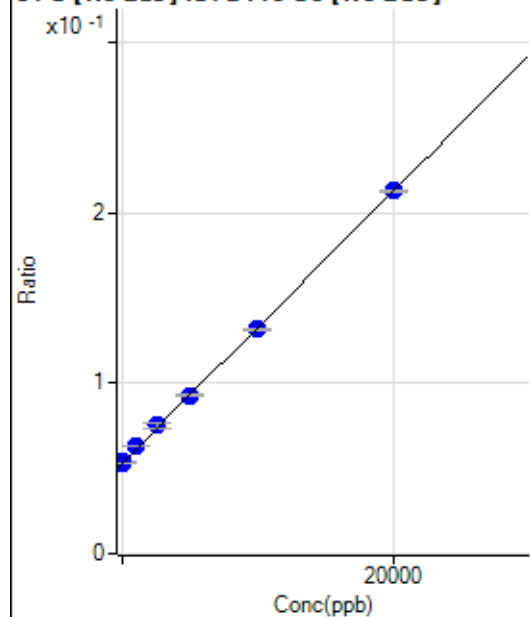
DL = 7.291

BEC = 42.17

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	51.889	207372.46	0.0536	P	1.1
2	☐	0.000	-51.889	210976.13	0.0528	P	0.6
3	☐	1000.000	1228.023	241010.89	0.0630	P	0.7
4	☐	2500.000	2778.151	276060.69	0.0753	P	4.8
5	☐	5000.000	4995.119	349633.13	0.0930	P	1.2
6	☐	10000.000	9853.420	493654.65	0.1317	P	0.5
7	☐	20000.000	20028.340	801465.60	0.2128	P	0.6
8	☐			179240.00	0.0528	P	1.9

$$y = 7.9672\text{E-}006 * x + 0.0532$$

R = 0.9998

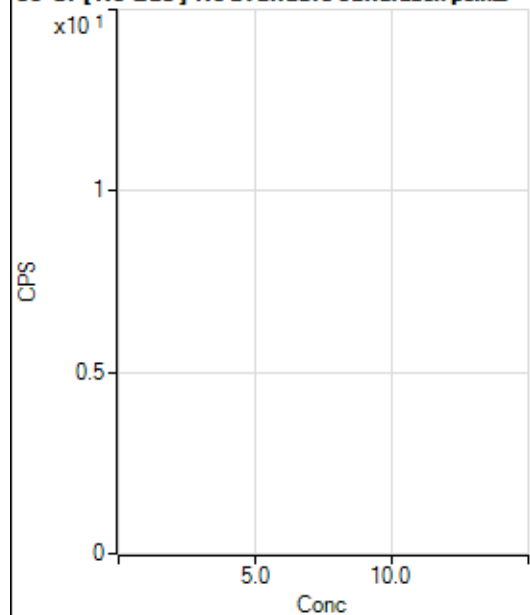
DL = 174.7

BEC = 6676

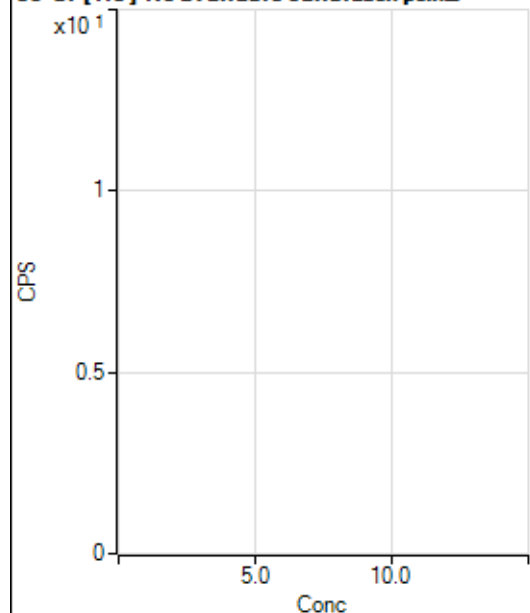
Weight: <None>

Min Conc: 0

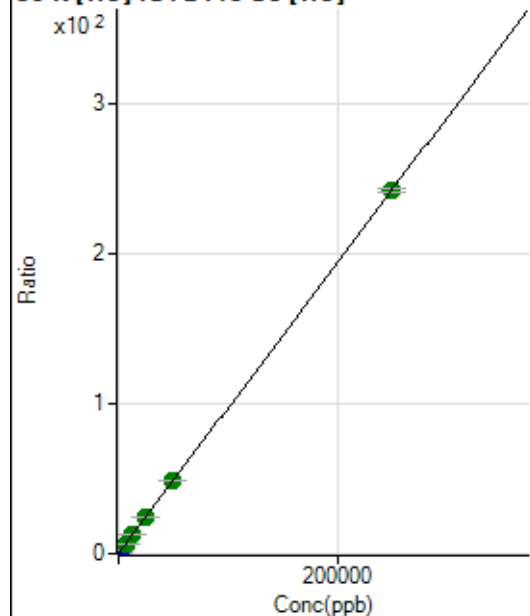
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	49710.89	0.1581	P	1.0
2	☐	500.000	514.027	208050.92	0.6545	P	0.5
3	☐	2500.000	2721.144	871905.79	2.7858	P	0.5
4	☐	6250.000	6485.422	1947041.18	6.4208	A	0.8
5	☐	12500.000	12680.207	3765127.58	12.4028	A	0.4
6	☐	25000.000	25404.728	7550761.62	24.6903	A	1.7
7	☐	50000.000	50163.286	14838547.70	48.5985	A	1.1
8	☐	250000.00	249909.73	65559750.14	241.4843	A	1.1

$$y = 9.6565E-004 * x + 0.1581$$

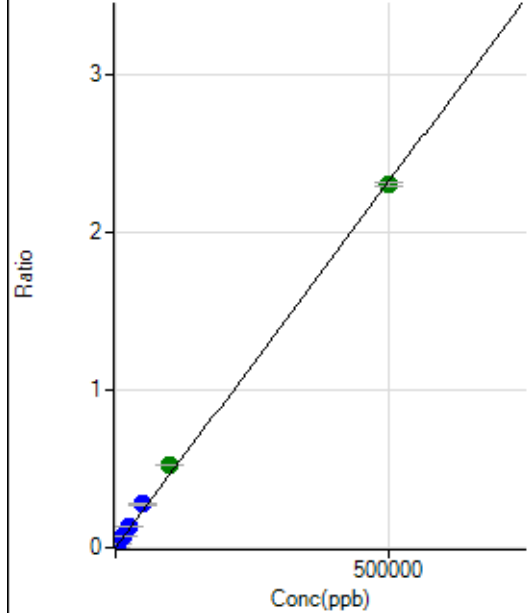
$$R = 1.0000$$

$$DL = 4.774$$

$$BEC = 163.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0000	P	12.7
2	☐	500.000	505.860	9464.14	0.0024	P	2.0
3	☐	5000.000	6085.965	108072.24	0.0282	P	2.4
4	☐	12500.000	15640.425	265730.57	0.0725	P	6.2
5	☐	25000.000	29907.423	521462.01	0.1387	P	1.8
6	☐	50000.000	59243.463	1029796.42	0.2747	P	0.8
7	☐	100000.00	113487.40	1982438.55	0.5262	A	0.8
8	☐	500000.00	496043.42	7800410.51	2.3001	A	0.9

$$y = 4.6368\text{E-}006 * x + 2.2129\text{E-}005$$

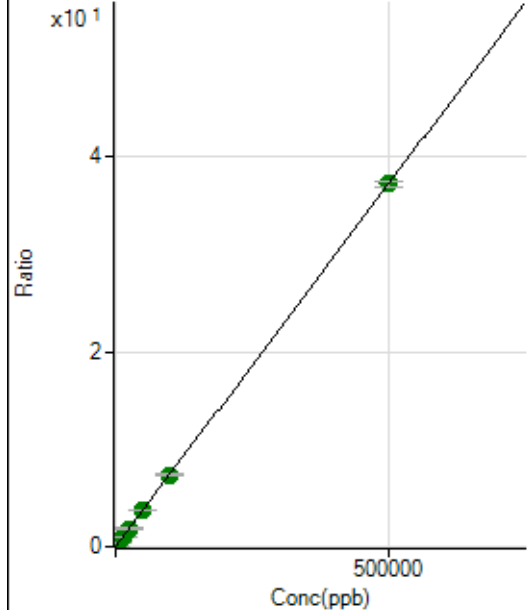
$$R = 0.9995$$

$$DL = 1.82$$

$$BEC = 4.772$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8651.99	0.0022	P	1.9
2	☐	500.000	523.927	164950.35	0.0413	P	0.1
3	☐	5000.000	5061.838	1451514.20	0.3793	A	1.7
4	☐	12500.000	13010.519	3557850.61	0.9714	A	6.5
5	☐	25000.000	25117.683	7042808.27	1.8733	A	1.9
6	☐	50000.000	50085.772	13993755.11	3.7332	A	1.2
7	☐	100000.00	99292.148	27869941.38	7.3986	A	0.8
8	☐	500000.00	500113.70	126343031.6	37.2561	A	1.3

$$y = 7.4491\text{E-}005 * x + 0.0022$$

$$R = 1.0000$$

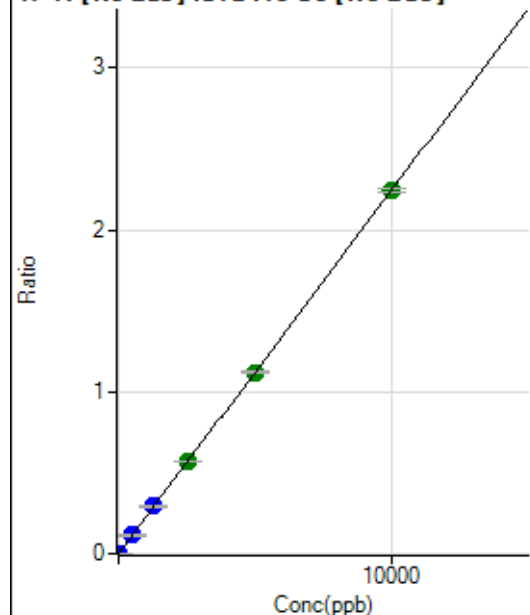
$$DL = 1.667$$

$$BEC = 30.02$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.66	0.0000	P	33.6
2	☐	5.000	4.750	4342.89	0.0011	P	4.0
3	☐	500.000	508.484	436923.11	0.1142	P	2.3
4	☐	1250.000	1301.228	1070026.94	0.2922	P	6.5
5	☐	2500.000	2533.508	2138744.03	0.5688	A	0.8
6	☐	5000.000	5000.836	4208547.72	1.1227	A	0.4
7	☐	10000.000	9984.378	8443797.16	2.2416	A	1.0
8	☐			1237.84	0.0004	P	18.0

$$y = 2.2451\text{E-}004 * x + 1.9848\text{E-}005$$

$$R = 1.0000$$

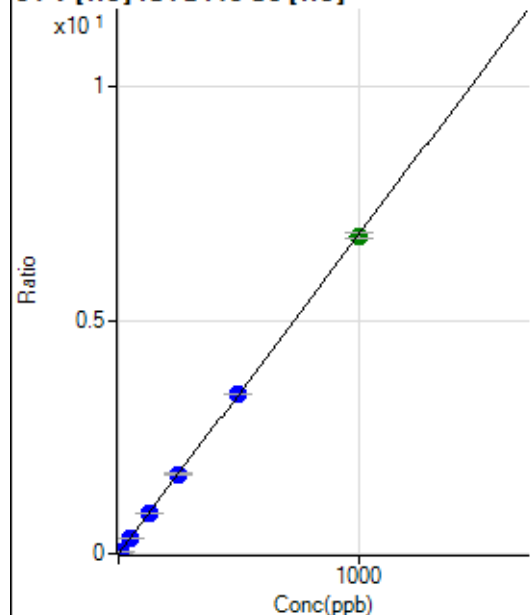
$$DL = 0.0892$$

$$BEC = 0.08841$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	35.0
2	☐	5.000	4.944	10704.97	0.0337	P	1.2
3	☐	50.000	50.650	107941.33	0.3449	P	0.4
4	☐	125.000	128.146	264585.88	0.8725	P	1.2
5	☐	250.000	250.651	518050.10	1.7066	P	0.5
6	☐	500.000	501.877	1044992.10	3.4170	P	0.4
7	☐	1000.000	998.473	2075519.29	6.7981	A	1.7
8	☐			625.58	0.0023	P	6.3

$$y = 0.0068 * x + 1.7687\text{E-}005$$

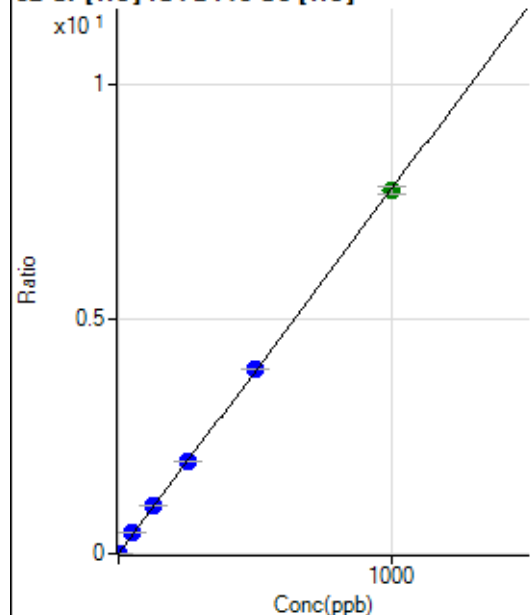
$$R = 1.0000$$

$$DL = 0.002725$$

$$BEC = 0.002598$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	764.47	0.0024	P	9.0
2	☐	2.000	2.006	5728.91	0.0180	P	4.0
3	☐	50.000	56.158	137343.00	0.4388	P	0.9
4	☐	125.000	129.483	305854.39	1.0086	P	0.9
5	☐	250.000	253.969	599843.53	1.9760	P	0.1
6	☐	500.000	506.418	1204215.29	3.9377	P	0.8
7	☐	1000.000	994.931	2361074.69	7.7339	A	2.3
8	☐			15979.66	0.0589	P	1.0

$$y = 0.0078 * x + 0.0024$$

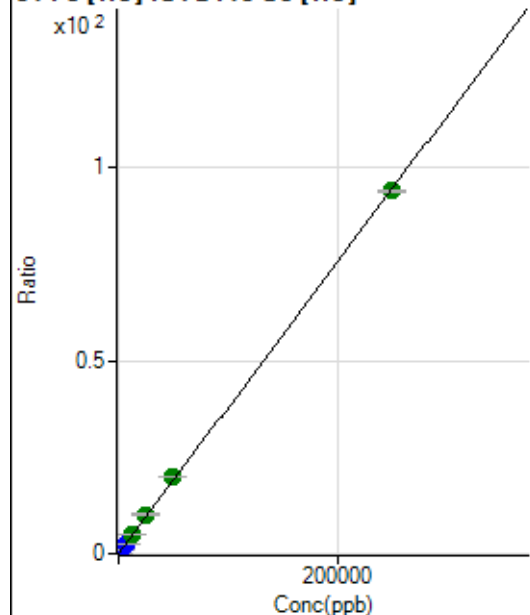
$$R = 0.9999$$

$$DL = 0.08436$$

$$BEC = 0.3128$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1388.97	0.0044	P	3.1
2	☐	50.000	55.255	8026.64	0.0252	P	2.5
3	☐	2500.000	2874.393	340568.98	1.0881	P	0.6
4	☐	6250.000	7092.725	812264.99	2.6786	P	0.6
5	☐	12500.000	13767.276	1577069.49	5.1950	A	0.5
6	☐	25000.000	27026.432	3117392.11	10.1941	A	1.5
7	☐	50000.000	52822.923	6081396.65	19.9200	A	2.3
8	☐	250000.00	249144.59	25502210.73	93.9381	A	0.5

$$y = 3.7702E-004 * x + 0.0044$$

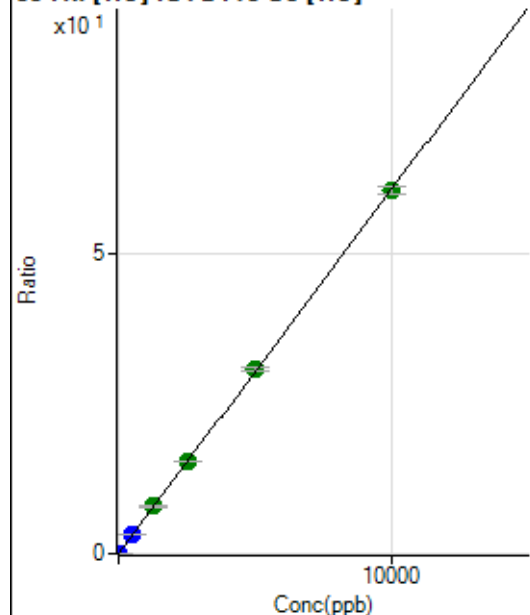
$$R = 0.9999$$

$$DL = 1.092$$

$$BEC = 11.72$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0003	P	24.2
2	☐	1.000	1.020	2054.60	0.0065	P	2.9
3	☐	500.000	515.357	976674.91	3.1206	P	0.9
4	☐	1250.000	1295.161	2378071.96	7.8419	A	0.9
5	☐	2500.000	2521.207	4634004.62	15.2651	A	0.1
6	☐	5000.000	5056.266	9361835.97	30.6138	A	1.6
7	☐	10000.000	9960.152	18410458.76	60.3047	A	2.3
8	☐			8065.56	0.0297	P	0.6

$$y = 0.0061 * x + 2.8972E-004$$

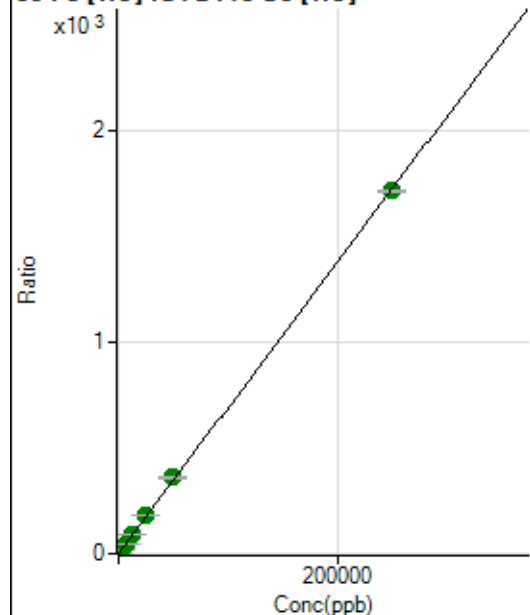
$$R = 1.0000$$

$$DL = 0.03479$$

$$BEC = 0.04785$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8250.10	0.0262	P	1.0
2	☐	50.000	53.044	124371.56	0.3913	P	0.6
3	☐	2500.000	2779.209	5993559.56	19.1510	A	2.0
4	☐	6250.000	6910.193	14427872.84	47.5778	A	0.4
5	☐	12500.000	13383.137	27964309.30	92.1205	A	0.7
6	☐	25000.000	26678.724	56150917.50	183.6123	A	1.0
7	☐	50000.000	52546.430	110408975.0	361.6174	A	1.4
8	☐	250000.00	249259.38	465658553.0	1,715.271	A	0.9

$$y = 0.0069 * x + 0.0262$$

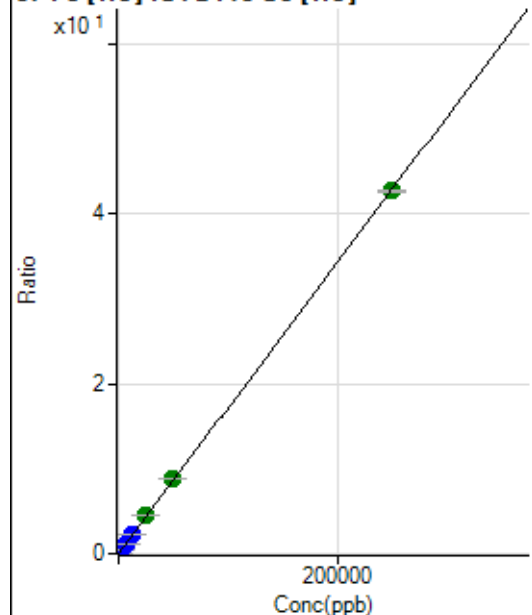
$$R = 0.9999$$

$$DL = 0.1093$$

$$BEC = 3.813$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0010	P	22.6
2	☐	50.000	53.879	3245.94	0.0102	P	3.2
3	☐	2500.000	2804.528	150562.45	0.4811	P	0.5
4	☐	6250.000	6962.709	361719.99	1.1928	P	0.3
5	☐	12500.000	13447.521	699072.29	2.3029	P	0.5
6	☐	25000.000	26612.236	1393456.18	4.5564	A	1.6
7	☐	50000.000	51456.157	2689716.46	8.8090	A	1.2
8	☐	250000.00	249479.30	11593832.74	42.7058	A	0.4

$$y = 1.7118\text{E-}004 * x + 9.8869\text{E-}004$$

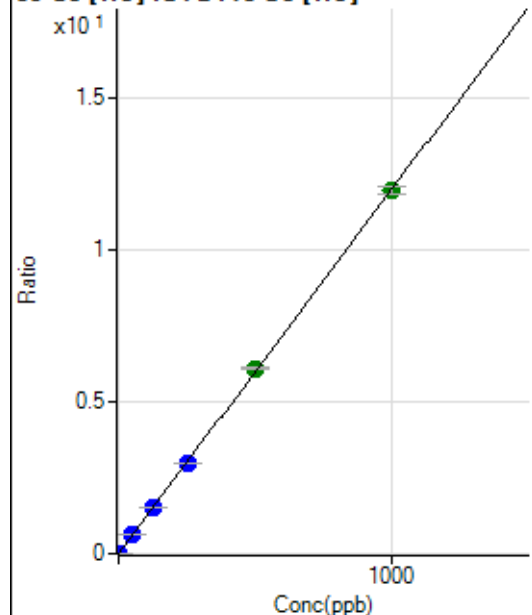
$$R = 1.0000$$

$$DL = 3.922$$

$$BEC = 5.776$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0001	P	43.3
2	☐	1.000	0.977	3768.28	0.0119	P	2.2
3	☐	50.000	50.756	190419.17	0.6084	P	0.6
4	☐	125.000	127.163	462159.20	1.5241	P	0.6
5	☐	250.000	246.476	896696.83	2.9539	P	0.5
6	☐	500.000	507.719	1860739.73	6.0846	A	0.9
7	☐	1000.000	996.713	3646709.84	11.9447	A	2.0
8	☐			3435.98	0.0127	P	2.5

$$y = 0.0120 * x + 1.4858\text{E-}004$$

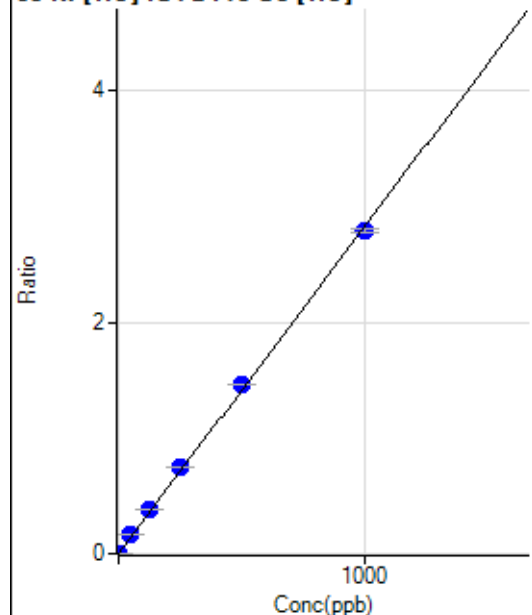
$$R = 0.9999$$

$$DL = 0.01609$$

$$BEC = 0.0124$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.33	0.0002	P	13.5
2	☐	1.000	0.949	917.81	0.0029	P	2.4
3	☐	50.000	57.509	50997.42	0.1629	P	0.9
4	☐	125.000	136.143	116890.08	0.3855	P	0.9
5	☐	250.000	263.325	226263.92	0.7454	P	0.3
6	☐	500.000	516.528	447059.33	1.4619	P	0.9
7	☐	1000.000	986.637	852502.32	2.7922	P	1.5
8	☐			2036.83	0.0075	P	3.5

$$y = 0.0028 * x + 2.0134E-004$$

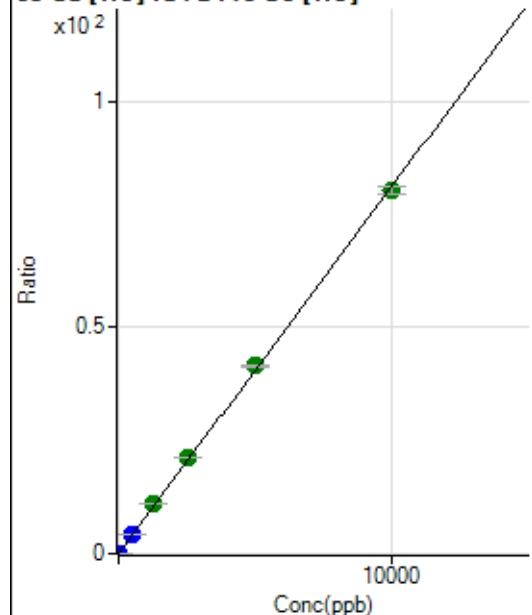
$$R = 0.9997$$

$$DL = 0.0288$$

$$BEC = 0.07115$$

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	692.24	0.0022	P	2.5
2	☐	2.000	2.014	5892.31	0.0185	P	1.5
3	☐	500.000	513.267	1303750.08	4.1656	P	0.9
4	☐	1250.000	1364.763	3357749.92	11.0726	A	0.7
5	☐	2500.000	2633.051	6484527.33	21.3604	A	0.9
6	☐	5000.000	5128.113	12721750.09	41.5994	A	1.3
7	☐	10000.000	9887.672	24486684.64	80.2070	A	2.2
8	☐			3372.63	0.0124	P	1.7

$$y = 0.0081 * x + 0.0022$$

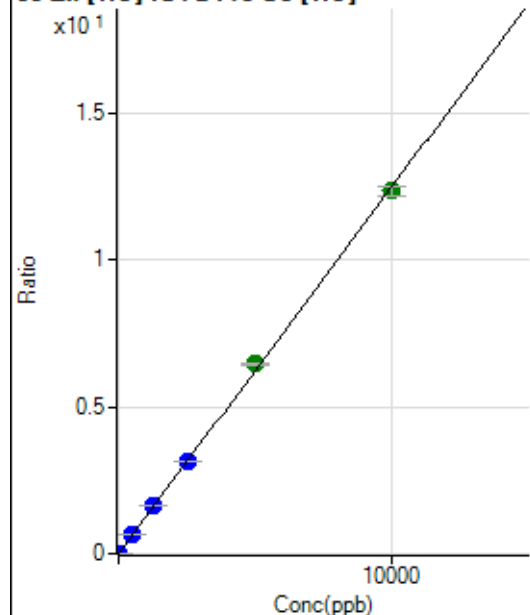
$$R = 0.9997$$

$$DL = 0.02047$$

$$BEC = 0.2714$$

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	135.56	0.0004	P	29.9
2	☐	2.000	2.262	1034.49	0.0033	P	10.4
3	☐	500.000	514.803	201138.47	0.6427	P	0.9
4	☐	1250.000	1295.901	490374.58	1.6171	P	0.5
5	☐	2500.000	2499.676	946767.47	3.1188	P	0.4
6	☐	5000.000	5180.635	1976584.90	6.4634	A	1.1
7	☐	10000.000	9903.286	3771707.41	12.3550	A	2.7
8	☐			2370.21	0.0087	P	2.2

$$y = 0.0012 * x + 4.3135E-004$$

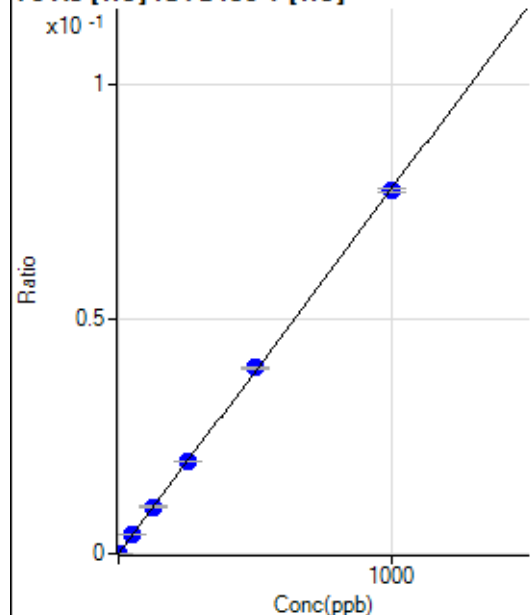
R = 0.9998

DL = 0.3104

BEC = 0.3458

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	2.22	0.0000	P	173.
2	☐	1.000	0.986	257.78	0.0001	P	10.5
3	☐	50.000	51.710	13083.64	0.0040	P	1.8
4	☐	125.000	128.316	32140.33	0.0100	P	1.6
5	☐	250.000	252.122	63021.93	0.0196	P	0.5
6	☐	500.000	508.871	127648.51	0.0396	P	0.8
7	☐	1000.000	994.534	248669.26	0.0774	P	1.2
8	☐			62.22	0.0000	P	27.0

$$y = 7.7816E-005 * x + 6.6843E-007$$

R = 0.9999

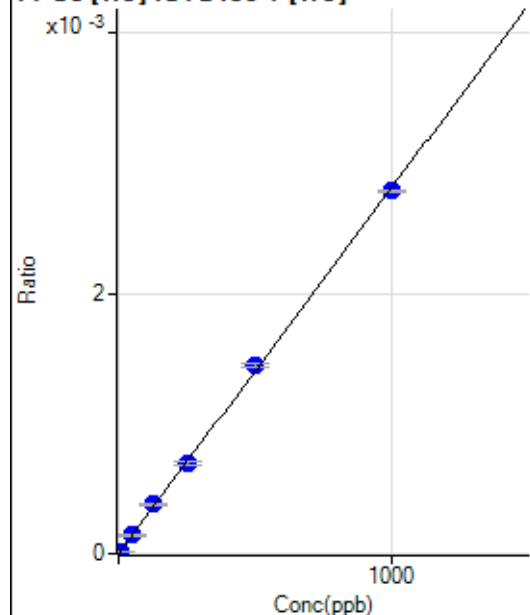
DL = 0.04463

BEC = 0.00859

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.741	44.45	0.0000	P	45.1
3	☐	50.000	49.993	456.68	0.0001	P	7.4
4	☐	125.000	135.835	1228.95	0.0004	P	4.3
5	☐	250.000	246.339	2223.52	0.0007	P	3.0
6	☐	500.000	514.964	4664.11	0.0014	P	2.2
7	☐	1000.000	992.080	8956.11	0.0028	P	0.7
8	☐			1.11	0.0000	P	173.

$$y = 2.8095\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

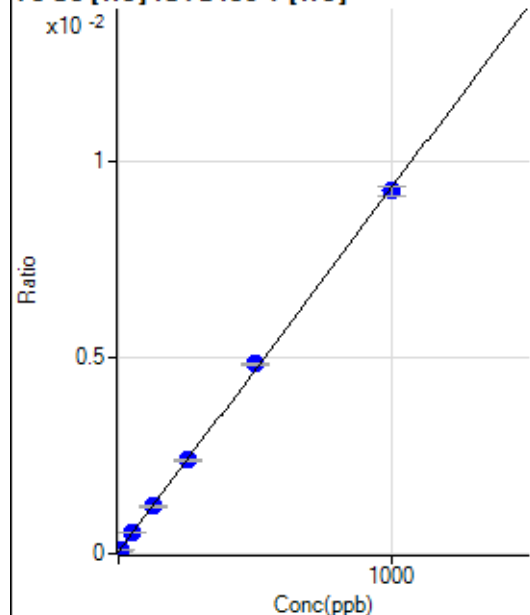
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0001	P	10.9
2	☐	5.000	5.516	347.78	0.0001	P	5.9
3	☐	50.000	52.686	1760.13	0.0005	P	1.7
4	☐	125.000	123.829	3863.88	0.0012	P	3.6
5	☐	250.000	251.488	7655.37	0.0024	P	1.0
6	☐	500.000	515.955	15580.52	0.0048	P	0.5
7	☐	1000.000	991.660	29692.01	0.0092	P	2.7
8	☐			173.34	0.0001	P	19.1

$$y = 9.2641\text{E-}006 * x + 5.3329\text{E-}005$$

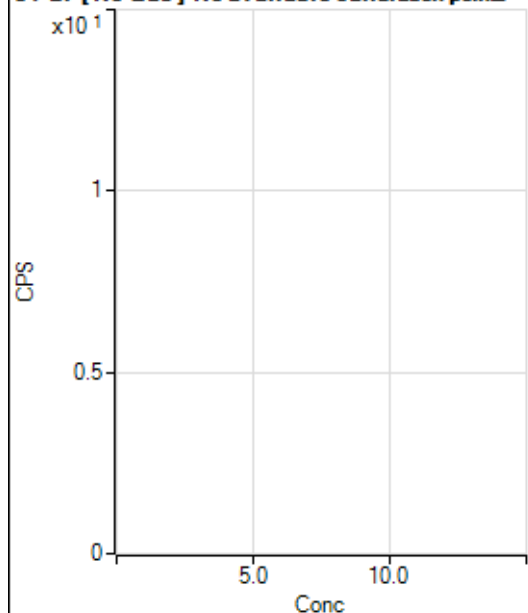
$$R = 0.9998$$

$$DL = 1.883$$

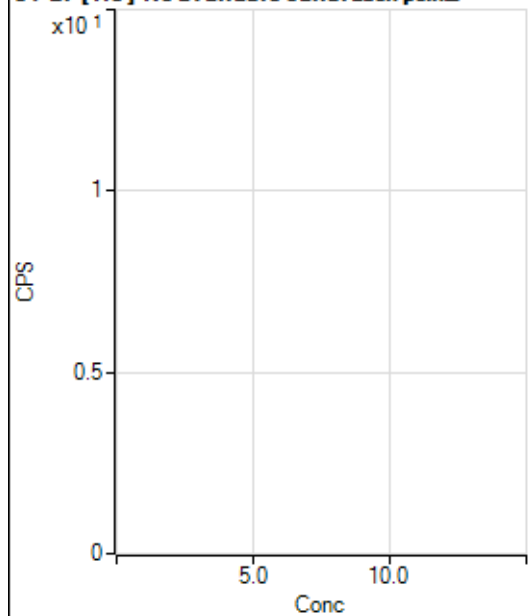
$$BEC = 5.756$$

Weight: <None>

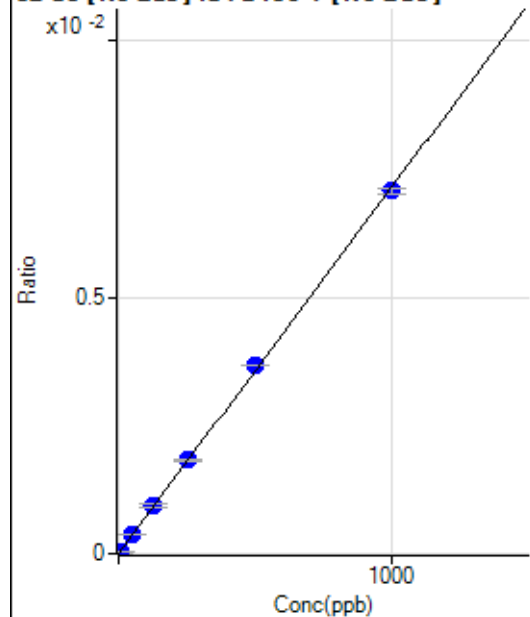
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35324.65		P	0.9
2	☐			36022.96		P	0.9
3	☐			35339.07		P	1.1
4	☐			34511.66		P	1.2
5	☐			34223.14		P	2.2
6	☐			34414.56		P	1.0
7	☐			33889.01		P	2.0
8	☐			33290.95		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			81.11		P	16.6
2	☐			75.56		P	12.7
3	☐			64.45		P	10.8
4	☐			71.11		P	30.5
5	☐			65.56		P	15.5
6	☐			77.78		P	23.6
7	☐			74.45		P	14.4
8	☐			92.22		P	20.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.88	0.0000	P	56.6
2	☐	5.000	4.932	522.94	0.0000	P	13.1
3	☐	50.000	51.863	5224.75	0.0004	P	1.7
4	☐	125.000	132.742	12835.07	0.0009	P	7.2
5	☐	250.000	255.315	25524.17	0.0018	P	1.4
6	☐	500.000	513.874	51196.63	0.0037	P	0.7
7	☐	1000.000	990.674	99491.96	0.0071	P	1.5
8	☐			219.84	0.0000	P	4.2

$$y = 7.1407\text{E-}006 * x + 1.6265\text{E-}006$$

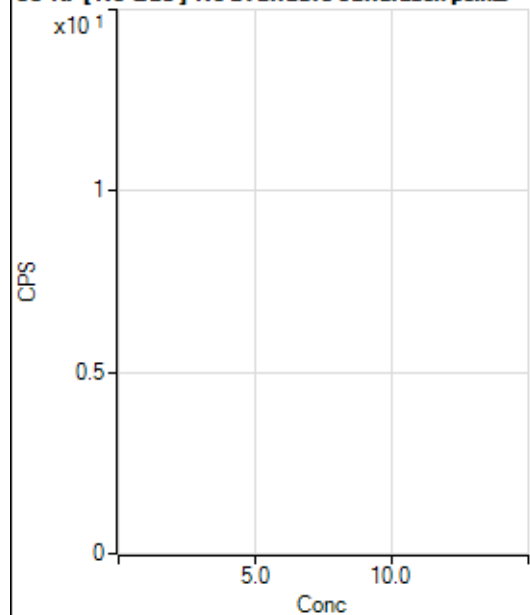
$$R = 0.9998$$

$$DL = 0.3867$$

$$BEC = 0.2278$$

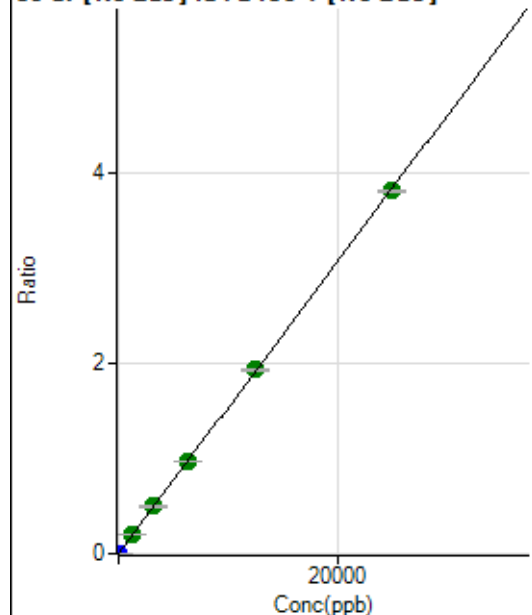
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			91.11		P	14.8
2	☐			98.89		P	27.5
3	☐			84.44		P	22.8
4	☐			72.22		P	25.4
5	☐			96.67		P	12.4
6	☐			101.11		P	25.0
7	☐			115.56		P	22.0
8	☐			104.45		P	16.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0000	P	14.5
2	☐	1.000	0.903	2136.84	0.0002	P	3.9
3	☐	1250.000	1276.526	2749299.44	0.1957	A	1.6
4	☐	3125.000	3259.824	6761079.83	0.4998	A	5.4
5	☐	6250.000	6310.529	13535305.63	0.9676	A	0.6
6	☐	12500.000	12646.802	27043016.26	1.9392	A	1.2
7	☐	25000.000	24893.288	53672815.87	3.8169	A	0.5
8	☐			13149.33	0.0011	P	9.7

$$y = 1.5333\text{E-}004 * x + 1.1978\text{E-}005$$

$$R = 1.0000$$

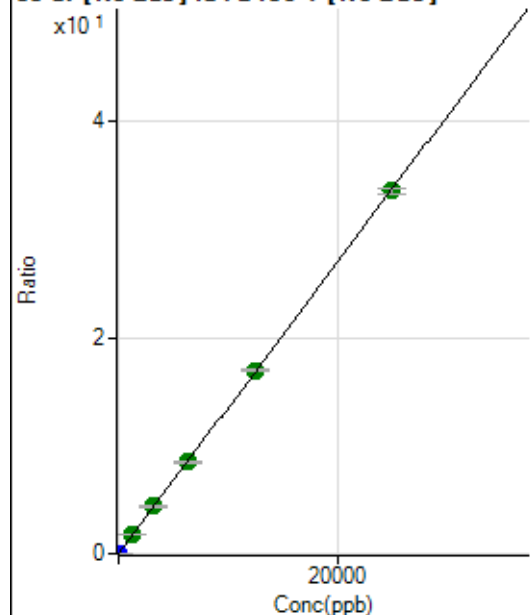
$$DL = 0.03395$$

$$BEC = 0.07812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	9.3
2	☐	1.000	0.945	18206.91	0.0013	P	1.2
3	☐	1250.000	1280.092	24225644.08	1.7249	A	2.2
4	☐	3125.000	3259.779	59426880.23	4.3924	A	4.7
5	☐	6250.000	6287.499	118506018.2	8.4720	A	1.1
6	☐	12500.000	12584.278	236475794.2	16.9566	A	1.2
7	☐	25000.000	24930.135	472306521.8	33.5919	A	1.9
8	☐			114843.57	0.0094	P	10.1

$$y = 0.0013 * x + 9.4610\text{E-}006$$

$$R = 1.0000$$

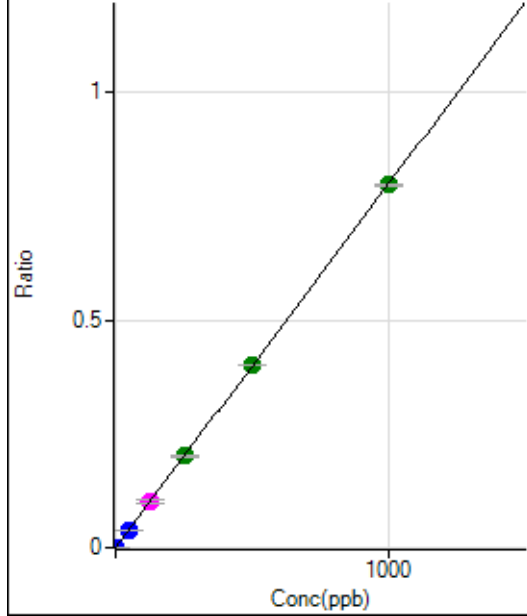
$$DL = 0.001957$$

$$BEC = 0.007021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.01	0.0000	P	7.5
2	☐	1.000	0.909	10690.64	0.0008	P	1.4
3	☐	50.000	49.038	550368.38	0.0392	P	3.0
4	☐	125.000	127.324	1374687.04	0.1017	M	7.6
5	☐	250.000	252.805	2824258.57	0.2019	A	1.8
6	☐	500.000	502.938	5601675.54	0.4017	A	0.7
7	☐	1000.000	997.588	11203168.86	0.7967	A	0.6
8	☐			2408.00	0.0002	P	14.0

$$y = 7.9859\text{E-}004 * x + 2.6955\text{E-}005$$

$$R = 1.0000$$

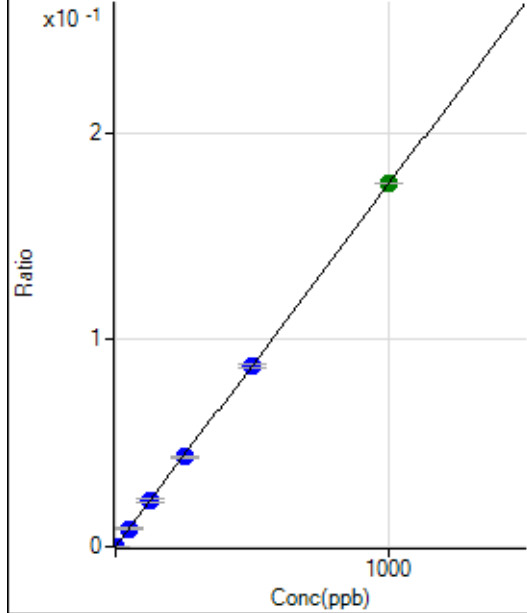
$$DL = 0.007579$$

$$BEC = 0.03375$$

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	64.44	0.0000	P	21.1
2	☐	1.000	0.920	2350.21	0.0002	P	1.4
3	☐	50.000	49.875	122689.62	0.0087	P	2.7
4	☐	125.000	128.756	304856.32	0.0225	P	6.3
5	☐	250.000	247.233	605468.69	0.0433	P	1.9
6	☐	500.000	497.890	1215584.33	0.0872	P	2.2
7	☐	1000.000	1001.283	2465071.74	0.1753	A	0.1
8	☐			510.01	0.0000	P	20.3

$$y = 1.7506\text{E-}004 * x + 4.5689\text{E-}006$$

$$R = 1.0000$$

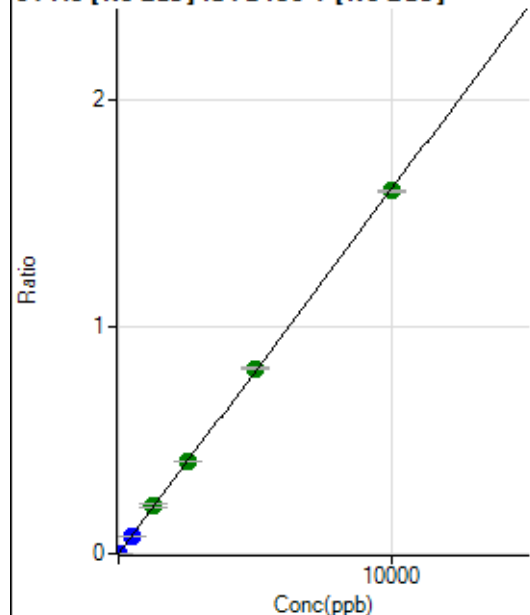
$$DL = 0.01649$$

$$BEC = 0.0261$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	124.45	0.0000	P	13.7
2	☐	5.000	5.430	12504.31	0.0009	P	2.8
3	☐	500.000	490.858	1107069.42	0.0788	P	2.6
4	☐	1250.000	1310.289	2845180.62	0.2104	A	6.2
5	☐	2500.000	2524.851	5670957.48	0.4054	A	1.2
6	☐	5000.000	5070.321	11353940.25	0.8141	A	0.9
7	☐	10000.000	9951.548	22469610.22	1.5979	A	0.5
8	☐			4716.37	0.0004	P	14.8

$$y = 1.6057E-004 * x + 8.8327E-006$$

$$R = 0.9999$$

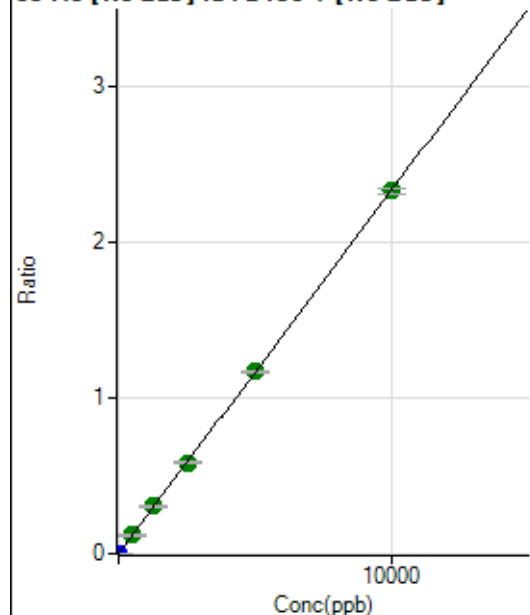
$$DL = 0.02267$$

$$BEC = 0.05501$$

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	44.44	0.0000	P	18.9
2	☐	5.000	4.573	15179.07	0.0011	P	1.2
3	☐	500.000	503.893	1650046.17	0.1175	A	1.2
4	☐	1250.000	1302.044	4104225.28	0.3035	A	6.7
5	☐	2500.000	2502.720	8161476.89	0.5835	A	1.0
6	☐	5000.000	5018.619	16316616.42	1.1700	A	1.1
7	☐	10000.000	9983.310	32725665.90	2.3274	A	1.3
8	☐			5640.05	0.0005	P	14.5

$$y = 2.3313E-004 * x + 3.1535E-006$$

$$R = 1.0000$$

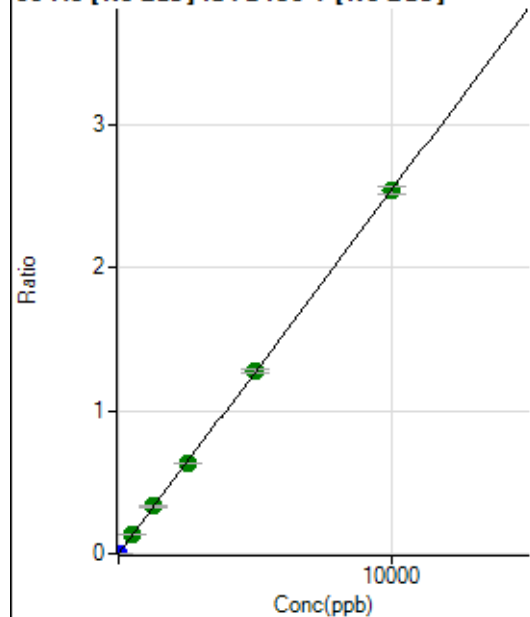
$$DL = 0.00768$$

$$BEC = 0.01353$$

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	91.11	0.0000	P	24.9
2	☐	5.000	4.659	16906.50	0.0012	P	0.5
3	☐	500.000	511.309	1825718.10	0.1300	A	0.9
4	☐	1250.000	1299.171	4465141.67	0.3303	A	6.7
5	☐	2500.000	2490.759	8856467.65	0.6332	A	1.3
6	☐	5000.000	5026.626	17819509.32	1.2778	A	1.3
7	☐	10000.000	9982.286	35677150.30	2.5375	A	2.0
8	☐			17587.38	0.0014	P	6.0

$$y = 2.5420\text{E-}004 * x + 6.4695\text{E-}006$$

$$R = 1.0000$$

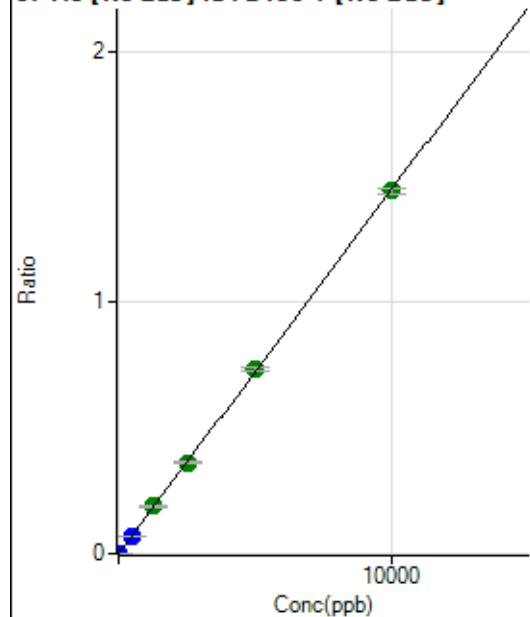
$$DL = 0.01903$$

$$BEC = 0.02545$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	39.7
2	☐	5.000	4.597	9476.48	0.0007	P	2.0
3	☐	500.000	490.942	999094.30	0.0711	P	2.6
4	☐	1250.000	1301.739	2550862.41	0.1886	A	6.0
5	☐	2500.000	2502.718	5072664.68	0.3626	A	0.9
6	☐	5000.000	5059.185	10223264.43	0.7331	A	1.8
7	☐	10000.000	9963.714	20299028.59	1.4437	A	1.8
8	☐			3644.94	0.0003	P	16.1

$$y = 1.4490\text{E-}004 * x + 1.4981\text{E-}006$$

$$R = 1.0000$$

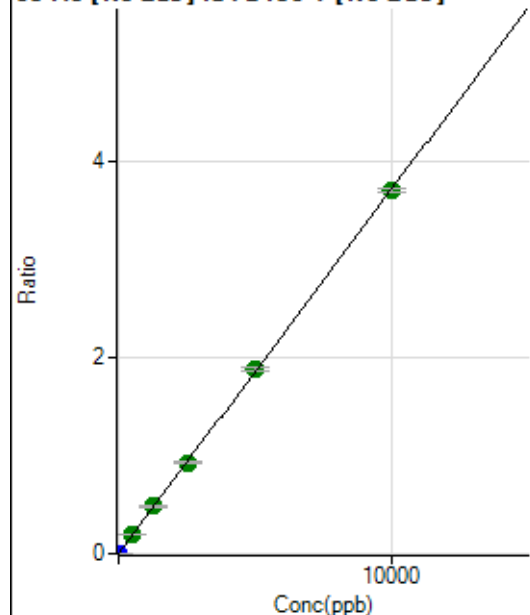
$$DL = 0.01232$$

$$BEC = 0.01034$$

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	68.89	0.0000	P	24.1
2	☐	5.000	4.594	24324.77	0.0017	P	0.5
3	☐	500.000	506.126	2644110.01	0.1882	A	1.1
4	☐	1250.000	1304.414	6562479.63	0.4851	A	5.3
5	☐	2500.000	2507.104	13043238.28	0.9325	A	1.1
6	☐	5000.000	5065.818	26275506.55	1.8841	A	1.6
7	☐	10000.000	9958.207	52079025.89	3.7037	A	1.0
8	☐			8667.14	0.0007	P	17.3

$$y = 3.7193\text{E-}004 * x + 4.8850\text{E-}006$$

$$R = 1.0000$$

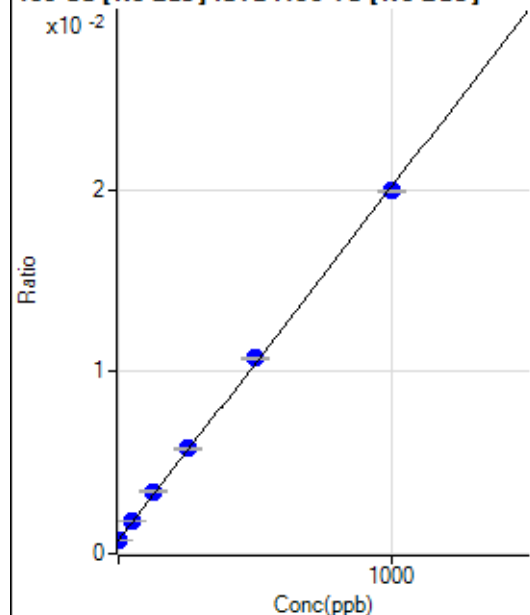
$$DL = 0.009499$$

$$BEC = 0.01313$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6380.34	0.0007	P	1.6
2	☐	1.000	1.230	6579.33	0.0008	P	1.9
3	☐	50.000	55.841	15449.38	0.0018	P	2.3
4	☐	125.000	137.186	28221.90	0.0034	P	3.8
5	☐	250.000	258.746	49380.31	0.0058	P	0.4
6	☐	500.000	514.759	92109.59	0.0107	P	1.2
7	☐	1000.000	988.618	172792.56	0.0199	P	0.5
8	☐			5700.05	0.0008	P	0.7

$$y = 1.9424\text{E-}005 * x + 7.4058\text{E-}004$$

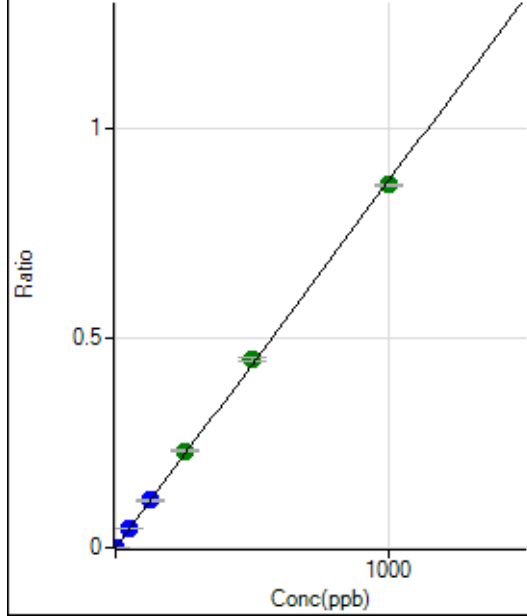
$$R = 0.9998$$

$$DL = 1.875$$

$$BEC = 38.13$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0000	P	11.6
2	☐	1.000	0.981	7473.09	0.0009	P	1.7
3	☐	50.000	51.641	382808.77	0.0452	P	2.7
4	☐	125.000	129.267	937188.79	0.1132	P	6.6
5	☐	250.000	264.118	1980561.64	0.2313	A	1.2
6	☐	500.000	512.783	3851175.01	0.4490	A	2.0
7	☐	1000.000	989.464	7506535.37	0.8664	A	0.7
8	☐			2679.16	0.0004	P	8.4

$$y = 8.7565\text{E-}004 * x + 8.8994\text{E-}006$$

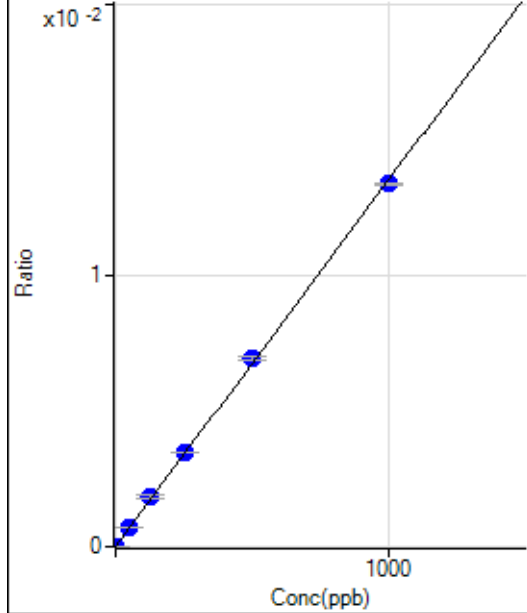
$$R = 0.9998$$

$$DL = 0.003539$$

$$BEC = 0.01016$$

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	12.22	0.0000	P	41.7
2	☐	1.000	1.061	135.56	0.0000	P	14.3
3	☐	50.000	53.572	6134.68	0.0007	P	2.3
4	☐	125.000	137.620	15390.47	0.0019	P	7.6
5	☐	250.000	257.329	29766.12	0.0035	P	0.7
6	☐	500.000	513.506	59479.03	0.0069	P	1.6
7	☐	1000.000	989.659	115785.32	0.0134	P	0.7
8	☐			60.00	0.0000	P	10.5

$$y = 1.3502\text{E-}005 * x + 1.4186\text{E-}006$$

$$R = 0.9998$$

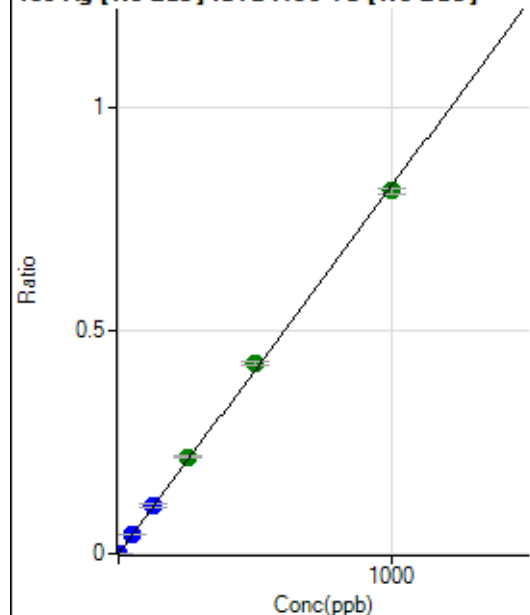
$$DL = 0.1313$$

$$BEC = 0.1051$$

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	21.11	0.0000	P	50.5
2	☐	1.000	0.997	7084.02	0.0008	P	1.4
3	☐	50.000	51.607	359672.81	0.0425	P	3.1
4	☐	125.000	129.849	885387.09	0.1069	P	5.9
5	☐	250.000	263.583	1858507.26	0.2170	A	0.9
6	☐	500.000	517.775	3656563.63	0.4263	A	1.6
7	☐	1000.000	987.030	7040645.87	0.8127	A	1.5
8	☐			2505.80	0.0003	P	8.1

$$y = 8.2338\text{E-}004 * x + 2.4483\text{E-}006$$

$$R = 0.9997$$

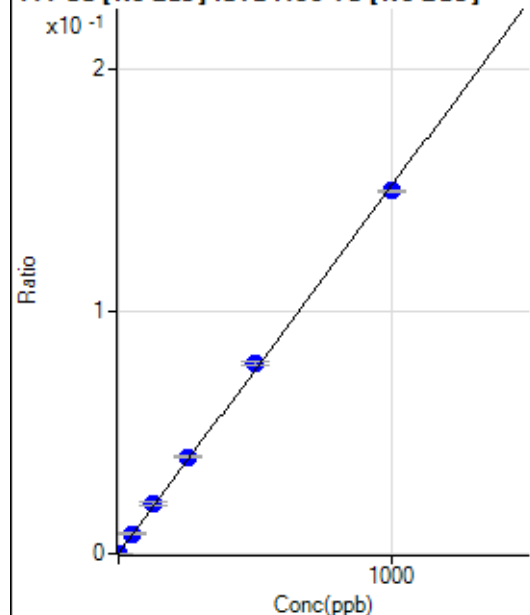
$$DL = 0.004504$$

$$BEC = 0.002974$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	638.37	0.0001	P	1.9
2	☐	1.000	1.082	2050.92	0.0002	P	6.0
3	☐	50.000	54.386	70482.45	0.0083	P	2.7
4	☐	125.000	137.086	172843.38	0.0209	P	6.5
5	☐	250.000	262.573	341841.33	0.0399	P	1.0
6	☐	500.000	516.583	673000.86	0.0785	P	1.4
7	☐	1000.000	986.835	1298049.54	0.1498	P	0.6
8	☐			949.12	0.0001	P	3.7

$$y = 1.5175\text{E-}004 * x + 7.4098\text{E-}005$$

$$R = 0.9997$$

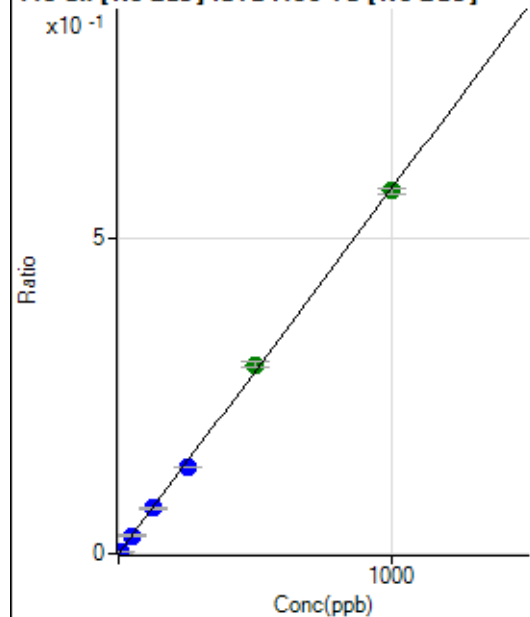
$$DL = 0.02769$$

$$BEC = 0.4883$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.80	0.0001	P	5.8
2	☐	5.000	4.649	23780.82	0.0028	P	0.4
3	☐	50.000	49.619	243451.82	0.0288	P	2.4
4	☐	125.000	124.599	597122.28	0.0721	P	6.2
5	☐	250.000	237.585	1176933.03	0.1374	P	0.9
6	☐	500.000	518.327	2570912.23	0.2998	A	2.8
7	☐	1000.000	994.011	4979319.37	0.5748	A	1.7
8	☐			2775.85	0.0004	P	5.4

$$y = 5.7816\text{E-}004 * x + 7.5184\text{E-}005$$

$$R = 0.9997$$

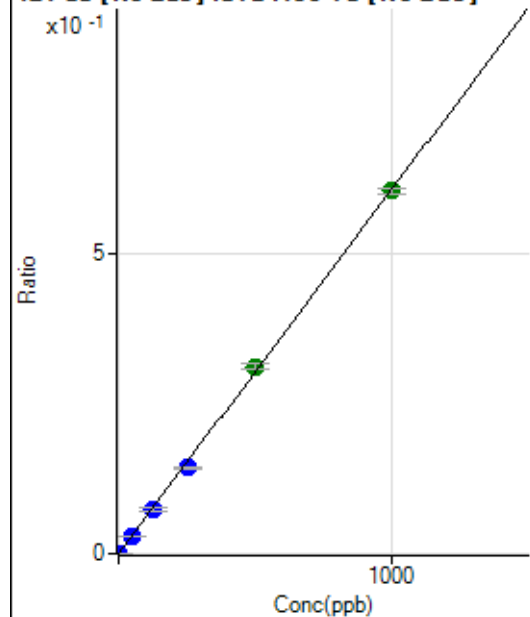
$$DL = 0.02258$$

$$BEC = 0.13$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	31.0
2	☐	2.000	1.886	9889.04	0.0011	P	0.9
3	☐	50.000	48.099	247162.31	0.0292	P	2.4
4	☐	125.000	123.120	618651.24	0.0747	P	7.1
5	☐	250.000	235.901	1226285.47	0.1432	P	0.7
6	☐	500.000	513.674	2674248.41	0.3118	A	2.8
7	☐	1000.000	997.018	5243080.83	0.6052	A	1.6
8	☐			3052.57	0.0004	P	1.6

$$y = 6.0701\text{E-}004 * x + 4.3852\text{E-}006$$

$$R = 0.9998$$

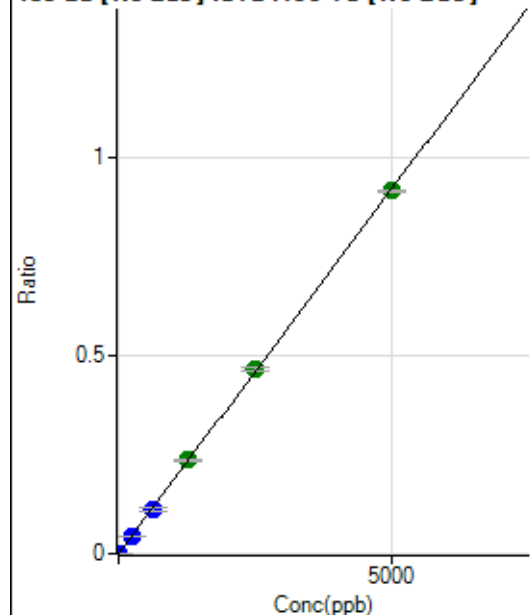
$$DL = 0.006725$$

$$BEC = 0.007224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	90.0
2	☐	10.000	8.967	14241.65	0.0017	P	2.3
3	☐	250.000	236.072	368386.39	0.0435	P	2.4
4	☐	625.000	605.160	923623.96	0.1116	P	6.7
5	☐	1250.000	1283.043	2025578.22	0.2365	A	1.2
6	☐	2500.000	2531.983	4003512.89	0.4668	A	2.0
7	☐	5000.000	4978.926	7952678.14	0.9179	A	0.6
8	☐			4280.68	0.0006	P	3.5

$$y = 1.8436\text{E-}004 * x + 1.5455\text{E-}006$$

$$R = 0.9999$$

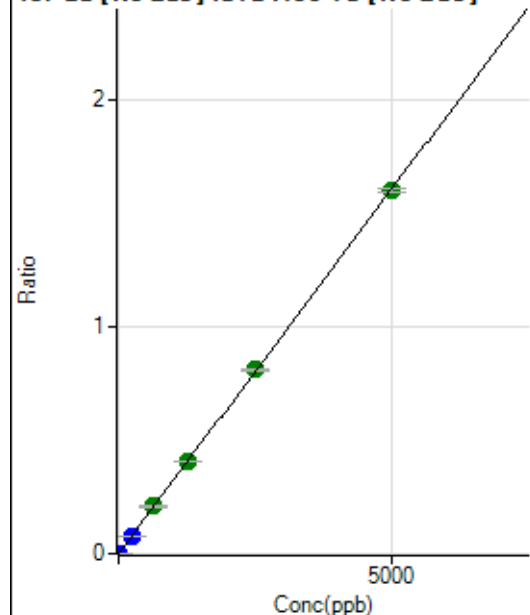
$$DL = 0.02262$$

$$BEC = 0.008383$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	19.9
2	☐	10.000	9.046	25028.73	0.0029	P	1.8
3	☐	250.000	234.684	637939.21	0.0754	P	2.4
4	☐	625.000	650.341	1729196.29	0.2089	A	6.4
5	☐	1250.000	1263.934	3475913.00	0.4059	A	0.6
6	☐	2500.000	2529.595	6967542.60	0.8124	A	1.0
7	☐	5000.000	4979.319	13853585.49	1.5991	A	0.9
8	☐			7428.68	0.0010	P	4.9

$$y = 3.2114\text{E-}004 * x + 2.9662\text{E-}006$$

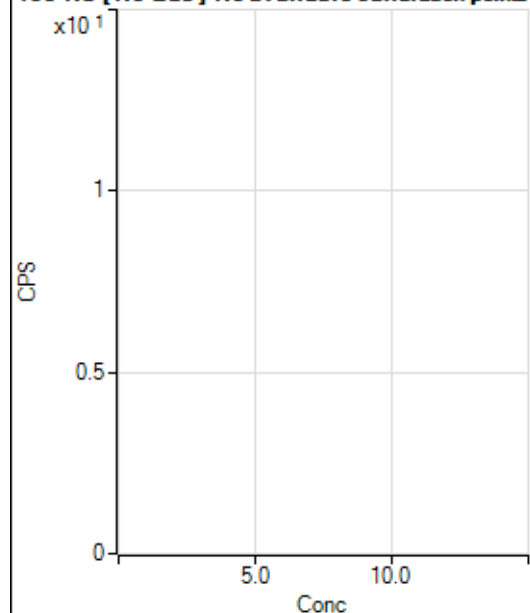
$$R = 0.9999$$

$$DL = 0.005514$$

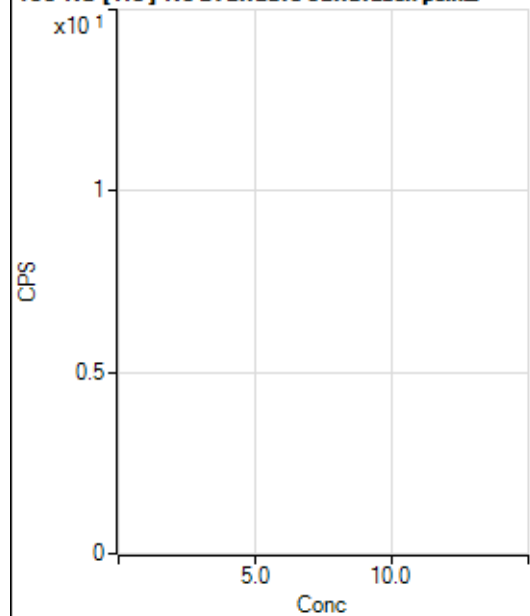
$$BEC = 0.009236$$

Weight: <None>

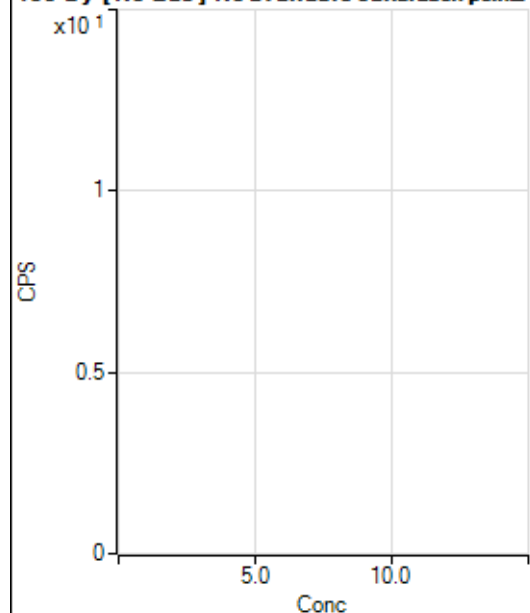
Min Conc: 0

150 Nd [No Gas] No available calibration points

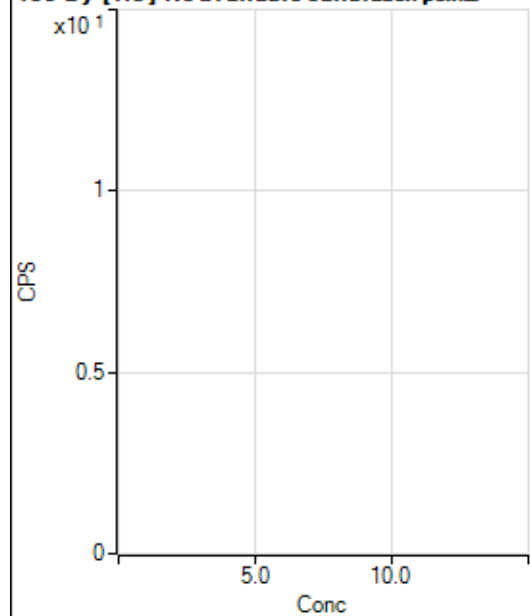
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			5.55		P	124.
3	☐			90.00		P	14.8
4	☐			192.22		P	20.7
5	☐			386.67		P	7.7
6	☐			796.70		P	2.9
7	☐			1441.20		P	4.6
8	☐			42.22		P	36.5

150 Nd [He] No available calibration points

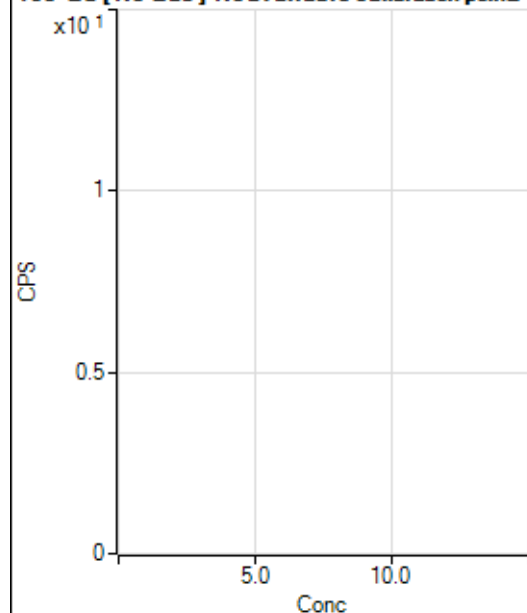
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	173.
3	☐			23.33		P	24.7
4	☐			25.56		P	39.8
5	☐			98.89		P	9.7
6	☐			142.23		P	9.8
7	☐			288.90		P	8.7
8	☐			32.22		P	6.0

156 Dy [No Gas] No available calibration points

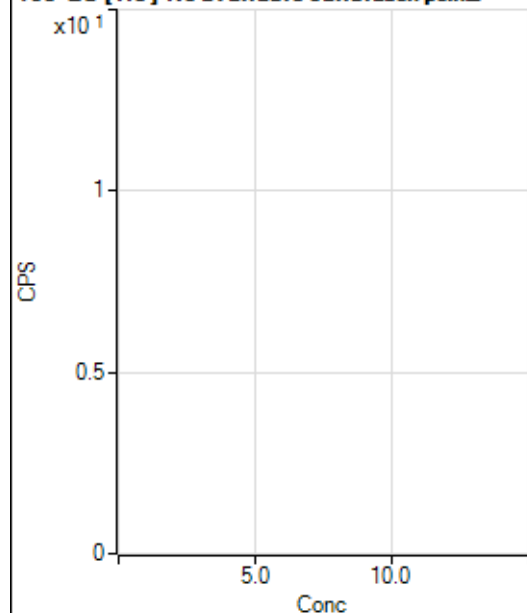
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			13.33		P	66.2
3	☐			40.00		P	16.7
4	☐			84.45		P	8.2
5	☐			131.11		P	34.1
6	☐			275.56		P	21.0
7	☐			518.90		P	8.2
8	☐			1248.96		P	4.3

156 Dy [He] No available calibration points

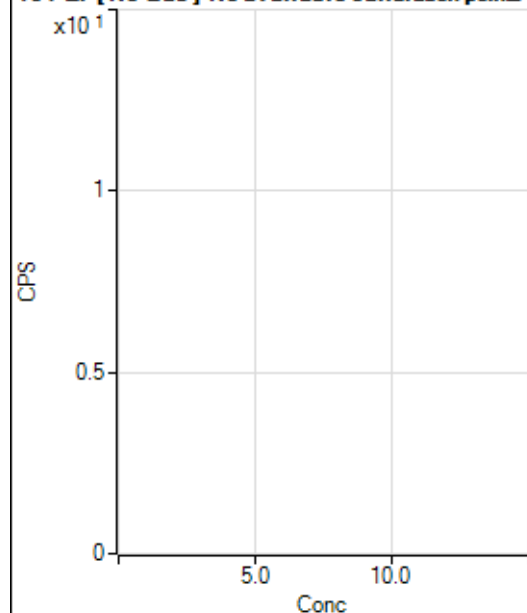
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			6.67		P	50.0
3	☐			27.78		P	59.2
4	☐			67.78		P	12.4
5	☐			111.11		P	9.6
6	☐			254.45		P	4.2
7	☐			434.45		P	4.6
8	☐			792.25		P	5.1

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

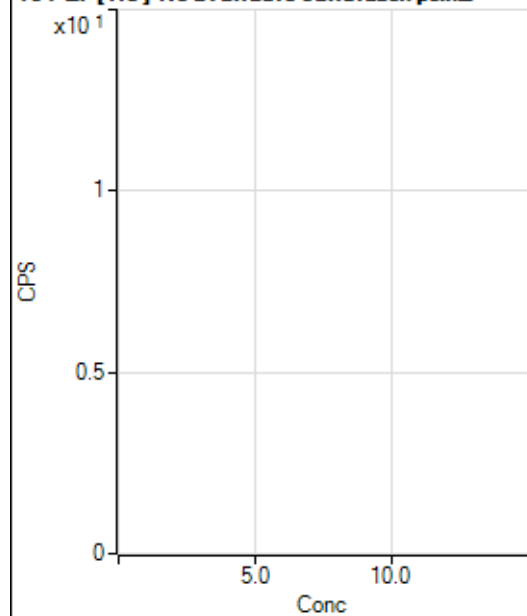
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	31.9
2	☐			38.89		P	27.5
3	☐			51.11		P	38.2
4	☐			81.11		P	6.3
5	☐			125.56		P	10.7
6	☐			194.45		P	19.0
7	☐			392.23		P	1.8
8	☐			1358.97		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			203.34		P	10.0
2	☐			217.78		P	6.2
3	☐			235.56		P	4.3
4	☐			234.45		P	8.3
5	☐			280.01		P	4.3
6	☐			334.45		P	6.5
7	☐			485.57		P	4.4
8	☐			1063.38		P	4.4

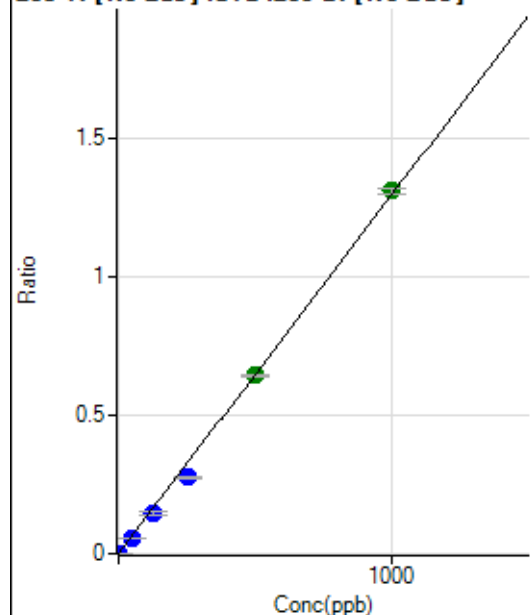
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	15.8
2	☐			51.11		P	26.4
3	☐			53.33		P	33.1
4	☐			55.56		P	15.1
5	☐			90.00		P	23.1
6	☐			127.78		P	6.0
7	☐			147.78		P	24.8
8	☐			97.78		P	12.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	39.6
2	☐			32.22		P	29.8
3	☐			53.33		P	21.7
4	☐			55.56		P	39.0
5	☐			48.89		P	21.9
6	☐			76.67		P	15.1
7	☐			95.56		P	23.7
8	☐			67.78		P	10.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0000	P	30.3
2	☐	1.000	0.798	5780.17	0.0010	P	0.5
3	☐	50.000	42.530	300764.24	0.0551	P	2.0
4	☐	125.000	112.126	764422.54	0.1451	P	6.2
5	☐	250.000	213.503	1512186.44	0.2763	P	2.0
6	☐	500.000	498.427	3471527.21	0.6451	A	1.1
7	☐	1000.000	1011.894	6852148.16	1.3097	A	1.6
8	☐			672.24	0.0002	P	21.5

$$y = 0.0013 * x + 1.1778E-005$$

$$R = 0.9993$$

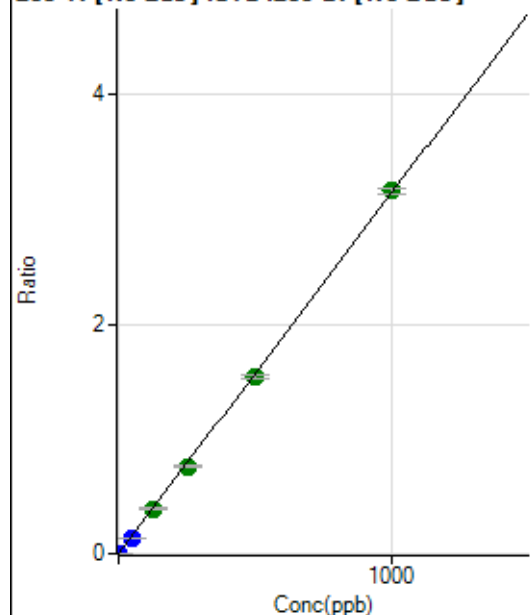
$$DL = 0.008268$$

$$BEC = 0.0091$$

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	174.45	0.0000	P	10.9
2	☐	1.000	0.803	14139.64	0.0026	P	1.6
3	☐	50.000	41.556	713629.71	0.1306	P	2.5
4	☐	125.000	125.217	2073416.55	0.3936	A	5.7
5	☐	250.000	241.426	4152470.70	0.7588	A	1.7
6	☐	500.000	491.865	8318904.32	1.5460	A	2.1
7	☐	1000.000	1006.606	16552466.14	3.1638	A	1.4
8	☐			1556.77	0.0004	P	20.3

$$y = 0.0031 * x + 3.1370E-005$$

$$R = 0.9999$$

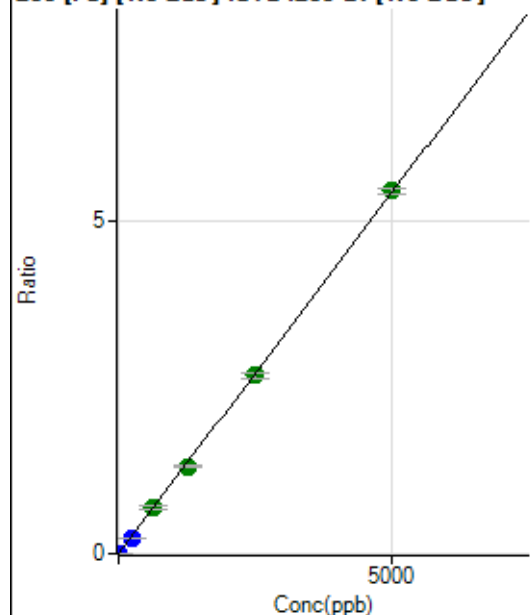
$$DL = 0.00326$$

$$BEC = 0.009981$$

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	340.01	0.0001	P	7.8
2	☐	1.000	0.793	5098.78	0.0009	P	3.6
3	☐	250.000	210.910	1250445.76	0.2289	P	3.3
4	☐	625.000	638.362	3648242.93	0.6928	A	6.6
5	☐	1250.000	1210.235	7186421.63	1.3133	A	2.3
6	☐	2500.000	2465.368	14395333.67	2.6753	A	3.0
7	☐	5000.000	5027.542	28542993.19	5.4557	A	1.7
8	☐			4969.85	0.0012	P	10.0

$$y = 0.0011 * x + 6.1129E-005$$

$$R = 0.9999$$

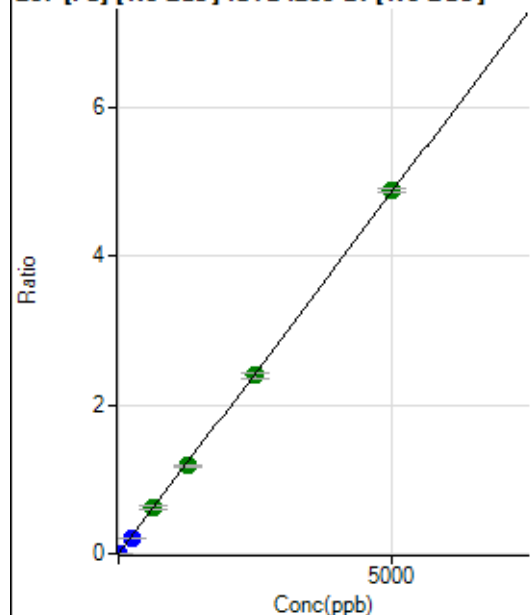
$$DL = 0.01318$$

$$BEC = 0.05633$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	303.34	0.0001	P	8.1
2	☐	1.000	0.781	4488.56	0.0008	P	1.4
3	☐	250.000	209.395	1108817.07	0.2030	P	3.0
4	☐	625.000	645.694	3295080.95	0.6258	A	7.3
5	☐	1250.000	1218.801	6463499.49	1.1813	A	2.9
6	☐	2500.000	2466.594	12863593.97	2.3906	A	2.5
7	☐	5000.000	5023.946	25475051.84	4.8691	A	1.2
8	☐			4189.59	0.0010	P	14.3

$$y = 9.6918E-004 * x + 5.4545E-005$$

$$R = 0.9999$$

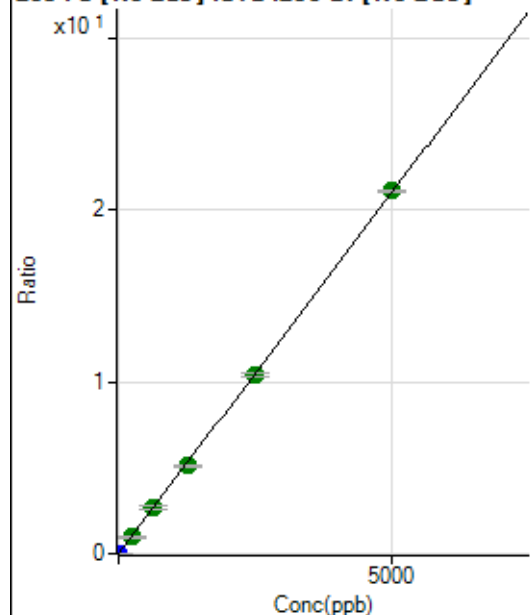
$$DL = 0.01366$$

$$BEC = 0.05628$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1368.71	0.0002	P	3.3
2	☐	1.000	0.808	20145.14	0.0036	P	1.0
3	☐	250.000	226.914	5205632.98	0.9530	A	2.9
4	☐	625.000	638.842	14128947.05	2.6827	A	6.3
5	☐	1250.000	1212.475	27857310.15	5.0912	A	2.8
6	☐	2500.000	2466.099	55719676.74	10.3550	A	2.2
7	☐	5000.000	5025.756	110409386.6	21.1026	A	0.6
8	☐			18564.12	0.0044	P	12.2

$$y = 0.0042 * x + 2.4606E-004$$

$$R = 0.9999$$

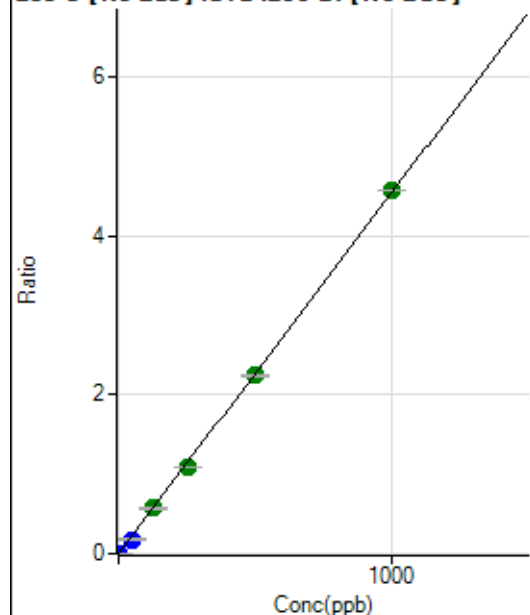
$$DL = 0.00575$$

$$BEC = 0.0586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	1.000	0.753	18909.15	0.0034	P	0.9
3	☐	50.000	39.577	980156.13	0.1794	P	3.0
4	☐	125.000	126.705	3025811.86	0.5745	A	6.2
5	☐	250.000	239.451	5941002.69	1.0856	A	1.6
6	☐	500.000	493.538	12041001.77	2.2376	A	1.6
7	☐	1000.000	1006.177	23868464.09	4.5619	A	0.0
8	☐			1725.69	0.0004	P	27.3

$$y = 0.0045 * x + 1.9945E-006$$

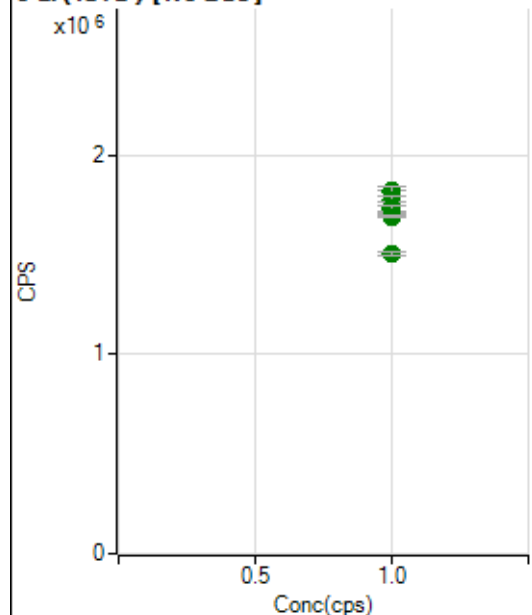
$$R = 0.9999$$

$$DL = 0.001143$$

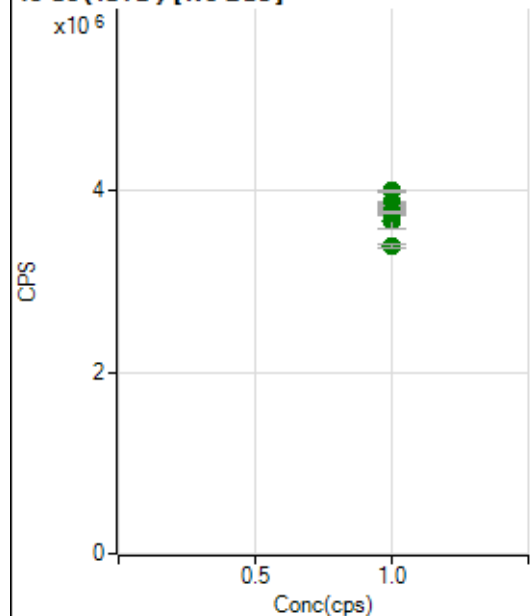
$$BEC = 0.0004399$$

Weight: <None>

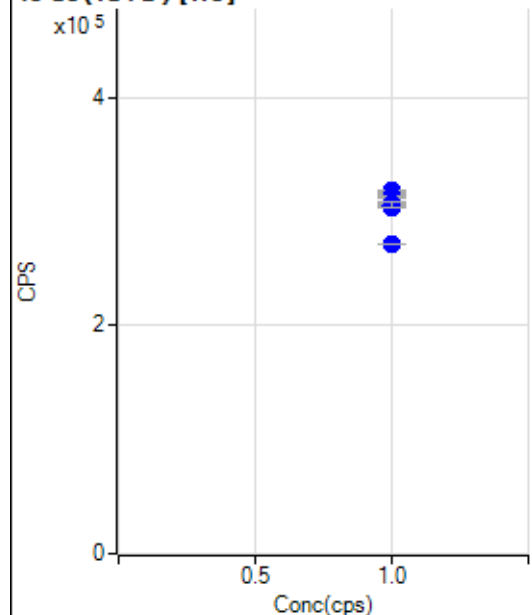
Min Conc: 0

6 Li (ISTD) [No Gas]

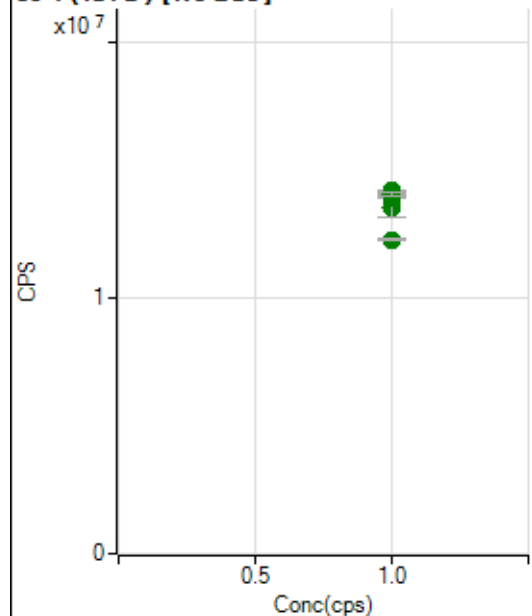
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1808883.88		A	1.4
2	☐	1.000		1820055.01		A	2.5
3	☐	1.000		1771799.16		A	2.5
4	☐	1.000		1725996.80		A	4.2
5	☐	1.000		1736064.40		A	1.6
6	☐	1.000		1727182.48		A	1.8
7	☐	1.000		1691183.45		A	0.8
8	☐	1.000		1505138.41		A	1.2

45 Sc (ISTD) [No Gas]

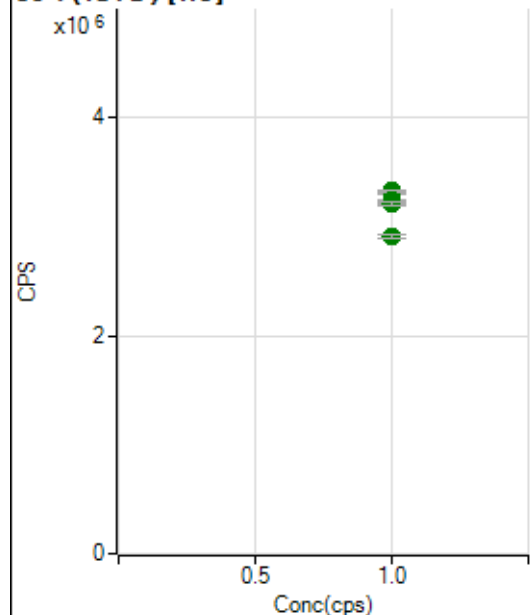
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3868742.16		A	0.9
2	☐	1.000		3997442.03		A	0.6
3	☐	1.000		3827115.95		A	0.7
4	☐	1.000		3671079.39		A	5.3
5	☐	1.000		3760315.85		A	1.5
6	☐	1.000		3748441.26		A	0.2
7	☐	1.000		3767028.56		A	0.6
8	☐	1.000		3391644.84		A	1.5

45 Sc (ISTD) [He]

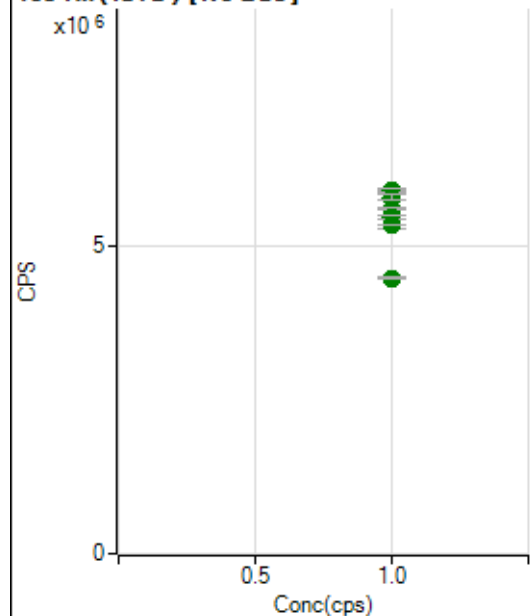
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		314438.18		P	0.5
2	☐	1.000		317887.03		P	0.4
3	☐	1.000		312990.08		P	0.7
4	☐	1.000		303244.97		P	0.3
5	☐	1.000		303567.91		P	0.5
6	☐	1.000		305821.77		P	0.6
7	☐	1.000		305370.20		P	1.7
8	☐	1.000		271482.45		P	0.4

89 Y (ISTD) [No Gas]

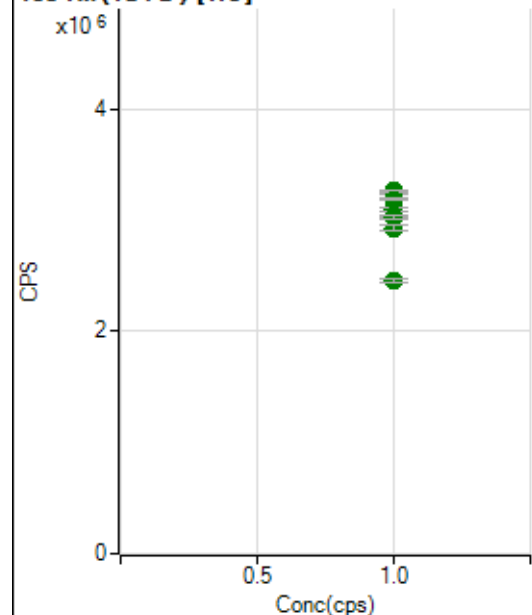
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14095611.04		A	0.5
2	☐	1.000		14196259.51		A	0.4
3	☐	1.000		14046982.29		A	1.1
4	☐	1.000		13551754.52		A	5.2
5	☐	1.000		13988794.79		A	0.9
6	☐	1.000		13946333.68		A	0.5
7	☐	1.000		14062518.12		A	1.4
8	☐	1.000		12284132.60		A	0.5

89 Y (ISTD) [He]

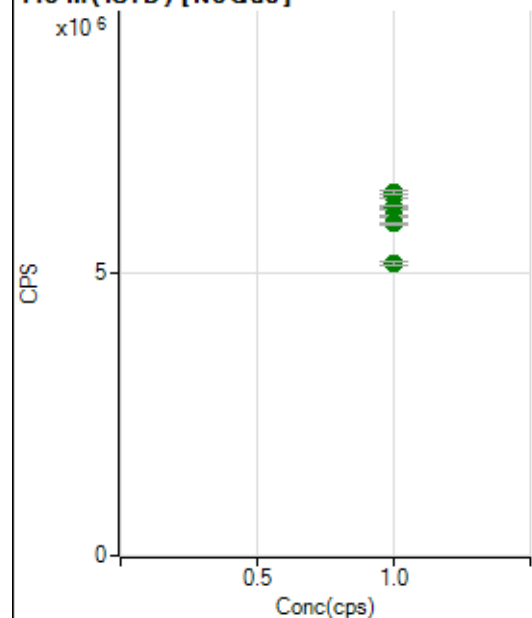
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3313827.04		A	0.4
2	☐	1.000		3330699.60		A	0.7
3	☐	1.000		3251053.46		A	0.3
4	☐	1.000		3219101.55		A	1.3
5	☐	1.000		3212265.65		A	0.8
6	☐	1.000		3223704.15		A	0.9
7	☐	1.000		3213428.46		A	1.1
8	☐	1.000		2919666.41		A	1.3

103 Rh (ISTD) [No Gas]

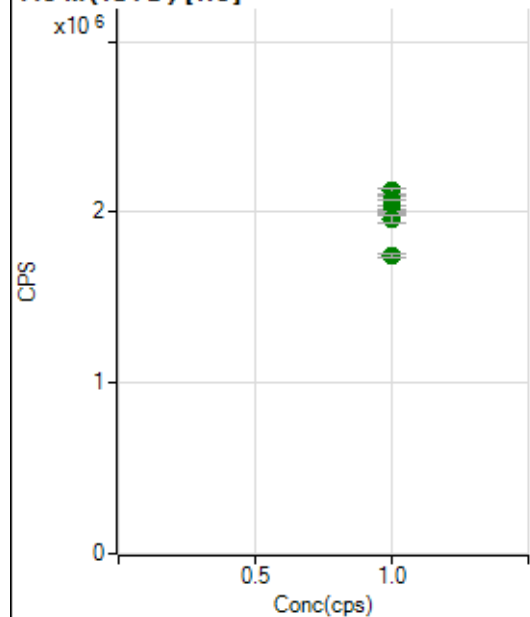
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5890786.30		A	0.8
2	☐	1.000		5893827.34		A	1.1
3	☐	1.000		5784709.15		A	1.5
4	☐	1.000		5422925.51		A	5.7
5	☐	1.000		5601106.72		A	0.3
6	☐	1.000		5465062.77		A	1.4
7	☐	1.000		5339148.15		A	0.5
8	☐	1.000		4475255.70		A	0.6

103 Rh (ISTD) [He]

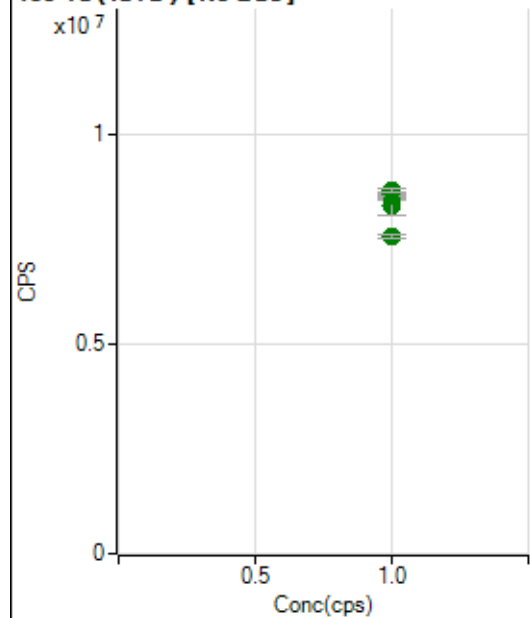
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3249246.27		A	0.7
2	☐	1.000		3263773.53		A	0.3
3	☐	1.000		3187417.63		A	0.6
4	☐	1.000		3098230.61		A	1.2
5	☐	1.000		3045888.01		A	1.7
6	☐	1.000		3025570.89		A	0.7
7	☐	1.000		2927897.87		A	2.1
8	☐	1.000		2454709.20		A	1.2

115 In (ISTD) [No Gas]

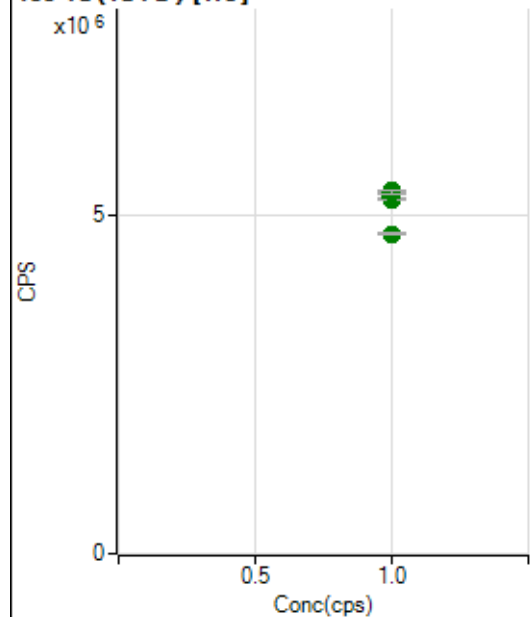
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6346757.41		A	0.8
2	☐	1.000		6403791.25		A	1.2
3	☐	1.000		6154066.47		A	0.8
4	☐	1.000		5988942.18		A	5.4
5	☐	1.000		6135296.68		A	1.2
6	☐	1.000		5992847.29		A	0.1
7	☐	1.000		5866018.29		A	0.4
8	☐	1.000		5160034.78		A	1.0

115 In (ISTD) [He]

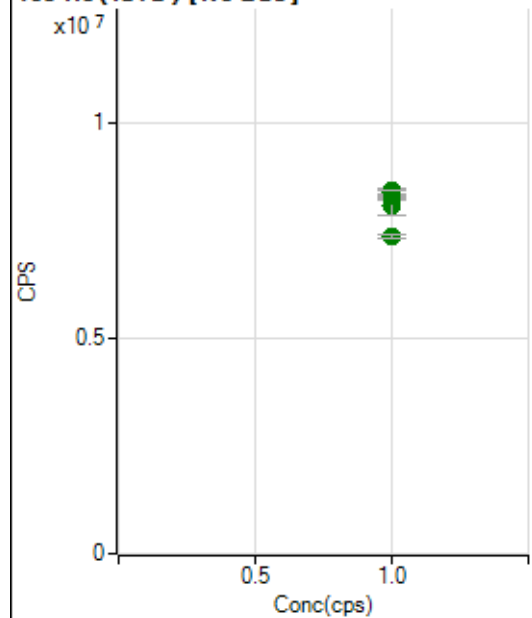
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2099326.83		A	0.7
2	☐	1.000		2124185.87		A	1.6
3	☐	1.000		2072900.21		A	0.4
4	☐	1.000		2015813.63		A	2.0
5	☐	1.000		2013143.70		A	0.4
6	☐	1.000		2000555.75		A	0.5
7	☐	1.000		1961457.59		A	2.0
8	☐	1.000		1747288.90		A	1.4

159 Tb (ISTD) [No Gas]

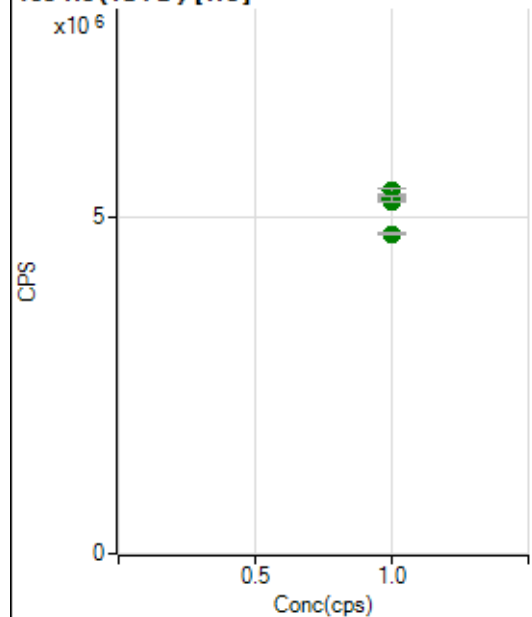
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8615438.34		A	0.2
2	☐	1.000		8606675.57		A	0.2
3	☐	1.000		8465215.99		A	0.8
4	☐	1.000		8299239.88		A	5.5
5	☐	1.000		8563519.80		A	0.4
6	☐	1.000		8577527.37		A	1.0
7	☐	1.000		8664126.95		A	1.0
8	☐	1.000		7568025.79		A	1.1

159 Tb (ISTD) [He]

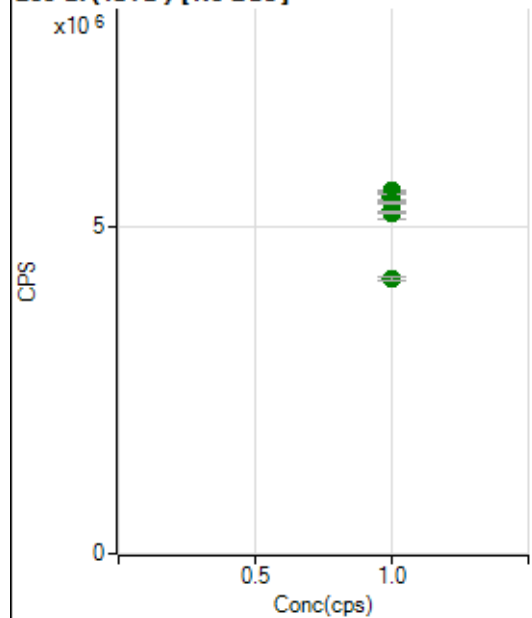
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5324600.09		A	0.4
2	☐	1.000		5361859.95		A	0.4
3	☐	1.000		5288160.23		A	1.6
4	☐	1.000		5240335.23		A	0.2
5	☐	1.000		5267574.33		A	1.3
6	☐	1.000		5337900.44		A	0.5
7	☐	1.000		5335246.59		A	1.1
8	☐	1.000		4731284.48		A	1.0

165 Ho (ISTD) [No Gas]

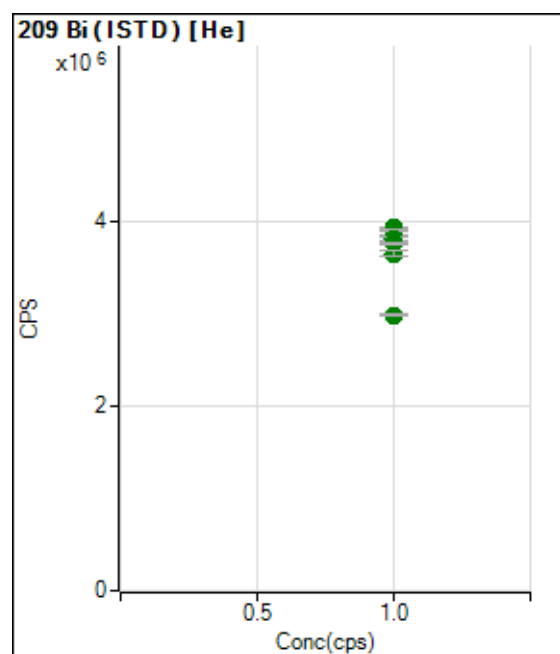
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8303289.81		A	1.1
2	☐	1.000		8364215.29		A	1.5
3	☐	1.000		8223936.96		A	0.3
4	☐	1.000		8086905.78		A	5.5
5	☐	1.000		8314772.10		A	0.3
6	☐	1.000		8413404.11		A	1.5
7	☐	1.000		8427091.40		A	0.1
8	☐	1.000		7371242.67		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5316899.36		A	0.3
2	☐	1.000		5300613.25		A	0.4
3	☐	1.000		5277877.49		A	1.3
4	☐	1.000		5228065.72		A	0.9
5	☐	1.000		5242515.48		A	0.6
6	☐	1.000		5379235.37		A	1.9
7	☐	1.000		5255923.25		A	1.3
8	☐	1.000		4741139.62		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5562568.88		A	0.4
2	☐	1.000		5534319.92		A	0.7
3	☐	1.000		5463725.65		A	1.5
4	☐	1.000		5278450.41		A	5.3
5	☐	1.000		5473195.20		A	1.6
6	☐	1.000		5381462.90		A	0.7
7	☐	1.000		5232143.60		A	0.6
8	☐	1.000		4214894.73		A	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3930554.25		A	0.2
2	☐	1.000		3919912.44		A	0.1
3	☐	1.000		3903436.19		A	0.8
4	☐	1.000		3820521.19		A	1.2
5	☐	1.000		3818474.70		A	1.2
6	☐	1.000		3765535.92		A	0.5
7	☐	1.000		3651867.69		A	1.4
8	☐	1.000		2988707.21		A	0.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7040623 MS.b

Acq. Date-Time 2023-04-06 13:46:41

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		7802	78017.38			0.392	5.000
24		80873	808733.23			0.663	5.000
25		11267	112667.16			0.394	5.000
26		13058	130577.78			0.522	5.000
59		56668	566681.11			0.633	5.000
113		7456	74561.52			0.739	5.000
115		98885	988849.71			0.638	5.000
206		24511	245113.95			0.658	5.000
207		22767	227667.78			0.490	5.000
208		52856	528562.43			0.566	5.000
220		0	1.40			92.444	

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

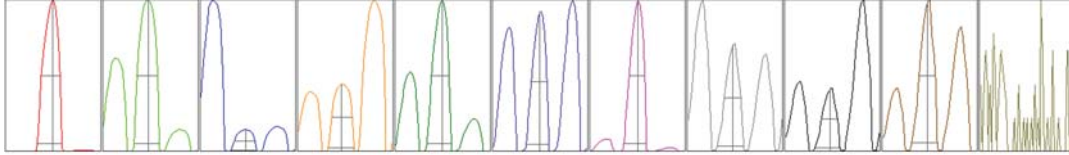
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7796	7751	7813	7823	7825
24	80213	80549	80926	81632	81047
25	11223	11226	11261	11303	11321
26	13030	12976	13027	13139	13117
59	56474	56219	56613	57138	56896
113	7407	7406	7484	7536	7448
115	98571	98222	99849	99140	98643
206	24267	24440	24614	24672	24564
207	22645	22677	22752	22905	22855
208	52591	52615	52716	53151	53207

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14213.63	9.00	8.90 - 9.10	
24	131256.84	23.95	23.90 - 24.10	
25	18285.12	24.95	24.90 - 25.10	
26	20777.95	25.90	25.90 - 26.10	
59	107886.64	59.00	58.90 - 59.10	
113	15589.42	113.00	112.90 - 113.10	
115	207437.62	115.05	114.90 - 115.10	
206	48531.35	205.95	205.90 - 206.10	
207	43970.23	206.95	206.90 - 207.10	
208	105773.03	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.778	0.900	
24	0.66	0.792	0.900	
25	0.64	0.806	0.900	
26	0.65	0.826	0.900	
59	0.55	0.781	0.900	
113	0.48	0.725	0.900	
115	0.49	0.719	0.900	
206	0.52	0.831	0.900	
207	0.51	0.780	0.900	
208	0.51	0.808	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.8 V	Deflect	15.8 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0002	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.1 mm
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EM

Discriminator	3.2 mV	Analog HV	2258 V	Pulse HV	1490 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		19067	190665.40			0.374	
89		27752	277519.91			0.350	
205		22579	225792.32			0.346	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	19007	19053	19021	19187	19063
89	27768	27786	27603	27870	27733
205	22633	22606	22497	22663	22496

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	3.4 V
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US EPA Tune Check Report

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

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0002	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.1 mm
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EM

Discriminator	3.2 mV	Analog HV	2258 V	Pulse HV	1490 V
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LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.21	0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.08	-0.06	-0.02	0.00	N/A	ppb
Boron	11-1	0.01	-0.03	0.02	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.71	-0.46	-0.26	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.05	0.01	0.00	N/A	ppb
Calcium	43-1	0.67	-0.51	-0.16	0.00	N/A	ppb
Calcium	44-1	0.14	-0.61	0.47	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	0.00	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	0.04	-0.03	0.00	0.00	N/A	ppb
Iron	57-2	0.10	-1.35	1.26	0.00	N/A	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.37	0.02	0.35	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.11	0.01	-0.12	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-9.96	-10.99	-8.79	-9.91		ppb
Potassium	39-2	0.43	1.33	-1.76	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	0.02	0.12	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	-0.67	0.10	0.00	N/A	ppb
Silicon	28-1	0.04	0.00	-0.04	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.05	0.35	-0.40	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	133.24	37.50	-15.07	51.89	144.92	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

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.03	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.04	-0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.17	21.36	20.66	20.73	2.87	ppb
Antimony	121-1	1.87	1.88	1.91	1.89	0.93	ppb
Arsenic	75-2	0.96	0.90	1.10	0.99	10.62	ppb
Barium	135-1	9.20	8.87	8.82	8.97	2.31	ppb
Barium	137-1	8.92	8.99	9.23	9.05	1.82	ppb
Beryllium	9-1	1.14	1.20	1.04	1.13	7.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	8.71	8.54	8.32	8.53	2.30	ppb
Boron	11-1	8.35	8.99	8.81	8.72	3.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.00	1.18	1.08	8.75	ppb
Cadmium	106-1	1.49	1.81	0.39	1.23	60.70	ppb
Cadmium	108-1	1.13	0.87	1.18	1.06	15.67	ppb
Calcium	43-1	515.83	506.35	495.40	505.86	2.02	ppb
Calcium	44-1	524.05	524.65	523.08	523.93	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.92	2.10	2.01	4.60	ppb
Cobalt	59-2	0.96	0.97	1.00	0.98	2.25	ppb
Copper	63-2	2.02	1.97	2.04	2.01	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	52.67	53.36	53.09	53.04	0.66	ppb
Iron	57-2	53.12	52.47	56.05	53.88	3.55	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.75	53.36	56.66	55.26	3.09	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.78	0.83	0.79	3.89	ppb
Lead	207-1	0.77	0.77	0.79	0.78	1.49	ppb
Lead	208-1	0.80	0.81	0.82	0.81	1.03	ppb
Lithium	6-1				101		%
Magnesium	24-2	509.47	512.55	507.03	509.68	0.54	ppb
Manganese	55-2	1.01	1.06	1.00	1.02	3.08	ppb
Molybdenum	94-1	5.41	5.29	5.59	5.43	2.79	ppb
Molybdenum	95-1	4.54	4.54	4.64	4.57	1.25	ppb
Molybdenum	96-1	4.68	4.66	4.64	4.66	0.47	ppb
Molybdenum	97-1	4.49	4.67	4.63	4.60	2.01	ppb
Molybdenum	98-1	4.57	4.61	4.61	4.59	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.92	0.95	0.95	2.57	ppb
Phosphorus	31-2	11.86	5.58	12.30	9.91	37.94	ppb
Potassium	39-2	518.25	512.25	511.58	514.03	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.88	5.63	4.28	4.93	13.73	ppb
Selenium	77-2	4.29	7.07	2.86	4.74	45.13	ppb
Selenium	78-2	6.28	5.07	5.20	5.52	12.08	ppb
Silicon	28-1	0.59	0.50	0.60	0.57	9.39	ppb
Silver	107-1	1.00	0.97	0.97	0.98	1.73	ppb
Silver	109-1	0.98	1.01	1.00	1.00	1.40	ppb
Sodium	23-2	511.50	516.49	518.39	515.46	0.69	ppb
Strontium	86-1	0.94	0.86	0.91	0.90	4.24	ppb
Strontium	88-1	0.95	0.93	0.96	0.94	1.23	ppb
Sulfur	34-1	-20.16	-36.96	-98.55	-51.89		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.79	0.80	0.80	0.80	0.49	ppb
Thallium	205-1	0.80	0.80	0.82	0.80	1.62	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.67	4.63	4.64	4.65	0.42	ppb
Titanium	47-1	4.53	4.88	4.84	4.75	4.07	ppb
Uranium	238-1	0.75	0.75	0.76	0.75	0.91	ppb
Vanadium	51-2	4.88	4.96	4.99	4.94	1.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.36	2.47	1.96	2.26	11.94	ppb
Zirconium	90-1	0.89	0.92	0.91	0.91	1.42	ppb
Zirconium	91-1	0.90	0.93	0.93	0.92	1.43	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1106.12	1107.94	1100.87	1104.98	0.33	ppb
Antimony	121-1	46.86	48.32	49.11	48.10	2.37	ppb
Arsenic	75-2	51.67	52.64	50.82	51.71	1.76	ppb
Barium	135-1	230.32	236.18	241.72	236.07	2.41	ppb
Barium	137-1	228.56	235.79	239.71	234.68	2.41	ppb
Beryllium	9-1	51.96	54.07	55.06	53.70	2.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	51.40	58.35	60.47	56.74	8.37	ppb
Boron	11-1	54.45	60.07	63.29	59.27	7.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.71	55.03	55.41	54.39	2.68	ppb
Cadmium	106-1	55.66	53.73	58.13	55.84	3.95	ppb
Cadmium	108-1	52.16	54.13	54.42	53.57	2.29	ppb
Calcium	43-1	5917.48	6146.54	6193.88	6085.97	2.43	ppb
Calcium	44-1	4963.97	5129.92	5091.63	5061.84	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.18	56.66	55.63	56.16	0.91	ppb
Cobalt	59-2	50.76	51.06	50.44	50.76	0.61	ppb
Copper	63-2	512.98	517.89	508.94	513.27	0.87	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				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	2790.54	2827.65	2719.44	2779.21	1.98	ppb
Iron	57-2	2808.63	2816.68	2788.27	2804.53	0.52	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2867.51	2892.58	2863.09	2874.39	0.55	ppb
Krypton	83-1						cps
Lead	206-1	202.83	214.56	215.33	210.91	3.32	ppb
Lead	207-1	202.22	213.17	212.80	209.40	2.97	ppb
Lead	208-1	219.47	231.92	229.36	226.91	2.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	5460.44	5416.84	5289.46	5388.91	1.65	ppb
Manganese	55-2	519.71	515.52	510.84	515.36	0.86	ppb
Molybdenum	94-1	476.23	496.48	499.87	490.86	2.60	ppb
Molybdenum	95-1	496.84	508.28	506.56	503.89	1.22	ppb
Molybdenum	96-1	506.61	516.31	511.01	511.31	0.95	ppb
Molybdenum	97-1	476.49	499.53	496.81	490.94	2.56	ppb
Molybdenum	98-1	499.89	508.71	509.77	506.13	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.17	58.13	57.23	57.51	0.93	ppb
Phosphorus	31-2	1070.75	1049.77	986.95	1035.82	4.21	ppb
Potassium	39-2	2717.35	2737.00	2709.08	2721.14	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	51.83	52.75	51.00	51.86	1.69	ppb
Selenium	77-2	45.75	51.88	52.35	49.99	7.37	ppb
Selenium	78-2	53.07	53.41	51.58	52.69	1.85	ppb
Silicon	28-1	65.02	69.34	69.42	67.92	3.71	ppb
Silver	107-1	50.22	51.65	53.05	51.64	2.75	ppb
Silver	109-1	49.83	52.00	52.99	51.61	3.13	ppb
Sodium	23-2	5399.30	5376.78	5270.03	5348.70	1.29	ppb
Strontium	86-1	1252.63	1287.20	1289.75	1276.53	1.62	ppb
Strontium	88-1	1247.52	1294.01	1298.75	1280.09	2.21	ppb
Sulfur	34-1	1169.00	1270.51	1244.55	1228.02	4.29	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	41.52	43.07	43.00	42.53	2.05	ppb
Thallium	205-1	40.37	42.18	42.12	41.56	2.47	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	48.37	49.70	50.79	49.62	2.44	ppb
Titanium	47-1	495.32	511.83	518.30	508.48	2.33	ppb
Uranium	238-1	38.21	40.27	40.26	39.58	3.00	ppb
Vanadium	51-2	50.76	50.44	50.76	50.65	0.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	513.40	520.09	510.92	514.80	0.92	ppb
Zirconium	90-1	47.33	49.90	49.89	49.04	3.02	ppb
Zirconium	91-1	48.36	50.91	50.36	49.87	2.69	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2739.48	2699.40	2725.82	2721.57	0.75	ppb
Antimony	121-1	116.28	120.06	133.02	123.12	7.13	ppb
Arsenic	75-2	126.76	127.50	130.69	128.32	1.63	ppb
Barium	135-1	573.30	591.06	651.12	605.16	6.74	ppb
Barium	137-1	617.87	635.49	697.66	650.34	6.45	ppb
Beryllium	9-1	129.48	133.34	142.33	135.05	4.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	129.59	139.70	154.26	141.18	8.78	ppb
Boron	11-1	136.29	144.04	157.82	146.05	7.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	130.12	133.89	147.24	137.09	6.56	ppb
Cadmium	106-1	131.96	135.01	144.59	137.19	4.80	ppb
Cadmium	108-1	128.67	135.08	149.11	137.62	7.60	ppb
Calcium	43-1	14914.15	15271.51	16735.61	15640.42	6.17	ppb
Calcium	44-1	12367.50	12695.82	13968.24	13010.52	6.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.86	130.76	128.83	129.48	0.85	ppb
Cobalt	59-2	126.78	128.01	126.71	127.16	0.57	ppb
Copper	63-2	1369.54	1354.03	1370.72	1364.76	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	6945.50	6888.92	6896.16	6910.19	0.45	ppb
Iron	57-2	6941.65	6963.86	6982.62	6962.71	0.29	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7113.16	7039.95	7125.07	7092.73	0.65	ppb
Krypton	83-1						cps
Lead	206-1	607.73	620.58	686.78	638.36	6.64	ppb
Lead	207-1	614.16	623.27	699.65	645.69	7.27	ppb
Lead	208-1	611.35	620.14	685.03	638.84	6.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	13372.61	13392.27	13434.34	13399.74	0.24	ppb
Manganese	55-2	1308.82	1288.19	1288.47	1295.16	0.91	ppb
Molybdenum	94-1	1238.83	1293.76	1398.28	1310.29	6.18	ppb
Molybdenum	95-1	1245.92	1257.65	1402.56	1302.04	6.70	ppb
Molybdenum	96-1	1225.88	1276.39	1395.24	1299.17	6.69	ppb
Molybdenum	97-1	1234.14	1284.77	1386.30	1301.74	5.95	ppb
Molybdenum	98-1	1249.93	1280.68	1382.63	1304.41	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.92	134.77	136.74	136.14	0.88	ppb
Phosphorus	31-2	2603.84	2591.03	2586.30	2593.72	0.35	ppb
Potassium	39-2	6459.72	6545.72	6450.82	6485.42	0.81	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	124.68	130.16	143.39	132.74	7.25	ppb
Selenium	77-2	139.64	138.76	129.10	135.84	4.30	ppb
Selenium	78-2	126.07	118.50	126.92	123.83	3.74	ppb
Silicon	28-1	153.19	158.19	174.74	162.04	6.96	ppb
Silver	107-1	122.79	126.06	138.95	129.27	6.61	ppb
Silver	109-1	124.17	126.75	138.63	129.85	5.94	ppb
Sodium	23-2	13059.39	13330.51	13115.14	13168.35	1.09	ppb
Strontium	86-1	3120.68	3201.87	3456.92	3259.82	5.38	ppb
Strontium	88-1	3132.45	3216.24	3430.64	3259.78	4.72	ppb
Sulfur	34-1	2449.53	2594.74	3290.18	2778.15	16.17	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	106.78	109.61	119.99	112.13	6.21	ppb
Thallium	205-1	120.51	121.78	133.36	125.22	5.66	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	118.72	121.76	133.32	124.60	6.18	ppb
Titanium	47-1	1236.21	1270.09	1397.39	1301.23	6.53	ppb
Uranium	238-1	122.20	122.16	135.76	126.71	6.19	ppb
Vanadium	51-2	129.50	126.44	128.50	128.15	1.22	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	1298.33	1300.79	1288.58	1295.90	0.50	ppb
Zirconium	90-1	119.34	124.60	138.03	127.32	7.57	ppb
Zirconium	91-1	121.74	126.84	137.69	128.76	6.32	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5233.31	5247.06	5250.23	5243.53	0.17	ppb
Antimony	121-1	233.98	236.45	237.27	235.90	0.73	ppb
Arsenic	75-2	250.77	253.48	252.11	252.12	0.54	ppb
Barium	135-1	1271.56	1276.93	1300.64	1283.04	1.21	ppb
Barium	137-1	1271.57	1256.13	1264.11	1263.93	0.61	ppb
Beryllium	9-1	256.61	265.84	259.59	260.68	1.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	274.87	294.54	298.32	289.24	4.35	ppb
Boron	11-1	284.85	312.05	310.91	302.61	5.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	261.66	260.52	265.54	262.57	1.00	ppb
Cadmium	106-1	257.89	258.14	260.21	258.75	0.49	ppb
Cadmium	108-1	259.11	255.59	257.28	257.33	0.68	ppb
Calcium	43-1	29307.74	30331.61	30082.91	29907.42	1.79	ppb
Calcium	44-1	24569.45	25458.04	25325.55	25117.68	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.57	254.09	254.24	253.97	0.14	ppb
Cobalt	59-2	245.19	247.72	246.52	246.48	0.51	ppb
Copper	63-2	2656.04	2608.89	2634.22	2633.05	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	13408.67	13460.31	13280.43	13383.14	0.69	ppb
Iron	57-2	13380.64	13499.70	13462.23	13447.52	0.45	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13785.06	13689.33	13827.44	13767.28	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1180.14	1215.45	1235.12	1210.24	2.30	ppb
Lead	207-1	1178.94	1231.89	1245.58	1218.80	2.89	ppb
Lead	208-1	1173.47	1225.87	1238.09	1212.48	2.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	26040.57	26236.18	25786.88	26021.21	0.87	ppb
Manganese	55-2	2519.25	2519.57	2524.81	2521.21	0.12	ppb
Molybdenum	94-1	2488.89	2540.09	2545.57	2524.85	1.24	ppb
Molybdenum	95-1	2475.52	2505.65	2526.98	2502.72	1.03	ppb
Molybdenum	96-1	2474.05	2468.82	2529.41	2490.76	1.35	ppb
Molybdenum	97-1	2496.43	2483.66	2528.06	2502.72	0.91	ppb
Molybdenum	98-1	2474.69	2519.51	2527.11	2507.10	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.69	264.27	263.02	263.32	0.32	ppb
Phosphorus	31-2	4958.32	5046.63	5042.95	5015.97	1.00	ppb
Potassium	39-2	12737.16	12635.67	12667.78	12680.21	0.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	252.63	254.09	259.22	255.31	1.36	ppb
Selenium	77-2	251.11	237.93	249.98	246.34	2.97	ppb
Selenium	78-2	249.06	251.02	254.39	251.49	1.07	ppb
Silicon	28-1	312.73	325.66	325.21	321.20	2.29	ppb
Silver	107-1	267.29	260.86	264.21	264.12	1.22	ppb
Silver	109-1	263.46	261.15	266.14	263.58	0.95	ppb
Sodium	23-2	26166.98	26156.30	26037.28	26120.18	0.28	ppb
Strontium	86-1	6264.24	6340.62	6326.73	6310.53	0.64	ppb
Strontium	88-1	6227.75	6269.25	6365.50	6287.50	1.12	ppb
Sulfur	34-1	4845.40	5136.38	5003.58	4995.12	2.92	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	208.57	215.24	216.70	213.50	2.03	ppb
Thallium	205-1	236.78	242.59	244.90	241.43	1.73	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	235.51	237.49	239.76	237.58	0.90	ppb
Titanium	47-1	2510.58	2552.59	2537.35	2533.51	0.84	ppb
Uranium	238-1	235.18	241.09	242.08	239.45	1.56	ppb
Vanadium	51-2	249.35	251.95	250.66	250.65	0.52	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2487.05	2505.55	2506.43	2499.68	0.44	ppb
Zirconium	90-1	247.61	254.17	256.63	252.80	1.84	ppb
Zirconium	91-1	241.81	250.13	249.76	247.23	1.90	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10460.42	10429.81	10359.81	10416.68	0.50	ppb
Antimony	121-1	497.71	525.28	518.03	513.67	2.78	ppb
Arsenic	75-2	513.85	506.32	506.44	508.87	0.85	ppb
Barium	135-1	2479.55	2580.59	2535.81	2531.98	2.00	ppb
Barium	137-1	2518.22	2559.16	2511.41	2529.60	1.02	ppb
Beryllium	9-1	504.61	526.67	513.21	514.83	2.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	547.24	595.59	587.35	576.73	4.49	ppb
Boron	11-1	540.01	589.65	579.16	569.61	4.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	508.25	521.56	519.94	516.58	1.41	ppb
Cadmium	106-1	507.72	521.35	515.21	514.76	1.33	ppb
Cadmium	108-1	506.54	522.51	511.47	513.51	1.59	ppb
Calcium	43-1	58736.92	59425.67	59567.80	59243.46	0.75	ppb
Calcium	44-1	49526.82	50749.85	49980.65	50085.77	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.07	504.22	503.96	506.42	0.80	ppb
Cobalt	59-2	511.05	502.27	509.84	507.72	0.94	ppb
Copper	63-2	5200.12	5117.00	5067.22	5128.11	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	26719.90	26399.75	26916.52	26678.72	0.98	ppb
Iron	57-2	26185.32	26617.52	27033.87	26612.24	1.59	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27417.83	26624.38	27037.08	27026.43	1.47	ppb
Krypton	83-1						cps
Lead	206-1	2382.44	2491.94	2521.72	2465.37	2.97	ppb
Lead	207-1	2400.74	2474.01	2525.03	2466.59	2.53	ppb
Lead	208-1	2404.04	2485.58	2508.67	2466.10	2.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	52371.09	51605.15	51195.20	51723.82	1.15	ppb
Manganese	55-2	5145.57	4984.10	5039.13	5056.27	1.62	ppb
Molybdenum	94-1	5015.14	5097.85	5097.97	5070.32	0.94	ppb
Molybdenum	95-1	4979.95	5080.17	4995.74	5018.62	1.07	ppb
Molybdenum	96-1	4954.52	5073.76	5051.59	5026.63	1.26	ppb
Molybdenum	97-1	4967.61	5057.06	5152.88	5059.18	1.83	ppb
Molybdenum	98-1	4974.53	5088.26	5134.66	5065.82	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.46	512.88	515.24	516.53	0.86	ppb
Phosphorus	31-2	10214.49	10061.32	10203.75	10159.85	0.84	ppb
Potassium	39-2	25803.49	25465.70	24945.00	25404.73	1.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	509.59	516.26	515.78	513.87	0.72	ppb
Selenium	77-2	517.50	524.92	502.47	514.96	2.22	ppb
Selenium	78-2	517.11	513.07	517.68	515.96	0.49	ppb
Silicon	28-1	619.33	615.54	620.48	618.45	0.42	ppb
Silver	107-1	501.96	521.70	514.69	512.78	1.95	ppb
Silver	109-1	509.07	525.11	519.15	517.77	1.57	ppb
Sodium	23-2	52632.67	51951.39	51833.34	52139.14	0.83	ppb
Strontium	86-1	12538.66	12814.23	12587.51	12646.80	1.16	ppb
Strontium	88-1	12419.42	12634.77	12698.64	12584.28	1.16	ppb
Sulfur	34-1	9935.33	9853.82	9771.12	9853.42	0.83	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	492.37	499.47	503.45	498.43	1.13	ppb
Thallium	205-1	480.98	501.41	493.21	491.86	2.09	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	501.38	526.56	527.05	518.33	2.83	ppb
Titanium	47-1	4980.62	5020.25	5001.63	5000.84	0.40	ppb
Uranium	238-1	486.24	492.29	502.09	493.54	1.62	ppb
Vanadium	51-2	504.29	501.25	500.08	501.88	0.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5246.18	5152.27	5143.45	5180.64	1.10	ppb
Zirconium	90-1	498.98	506.20	503.64	502.94	0.73	ppb
Zirconium	91-1	485.42	505.09	503.17	497.89	2.18	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20910.65	19940.60	20145.27	20332.17	2.51	ppb
Antimony	121-1	1009.59	979.18	1002.28	997.02	1.59	ppb
Arsenic	75-2	995.44	982.47	1005.69	994.53	1.17	ppb
Barium	135-1	5012.25	4953.93	4970.60	4978.93	0.60	ppb
Barium	137-1	4975.67	4935.18	5027.10	4979.32	0.93	ppb
Beryllium	9-1	983.03	986.28	996.12	988.47	0.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	919.73	948.29	981.61	949.88	3.26	ppb
Boron	11-1	919.44	955.47	973.16	949.36	2.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	987.50	980.62	992.39	986.84	0.60	ppb
Cadmium	106-1	983.01	991.20	991.64	988.62	0.49	ppb
Cadmium	108-1	984.13	987.28	997.56	989.66	0.71	ppb
Calcium	43-1	113267.62	114467.20	112727.39	113487.40	0.78	ppb
Calcium	44-1	100045.20	98411.66	99419.59	99292.15	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1017.38	972.51	994.90	994.93	2.26	ppb
Cobalt	59-2	1017.41	977.67	995.06	996.71	2.00	ppb
Copper	63-2	10115.77	9686.98	9860.26	9887.67	2.18	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				101		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	53249.39	51769.51	52620.39	52546.43	1.41	ppb
Iron	57-2	52185.45	51142.84	51040.18	51456.16	1.23	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53747.43	51458.13	53263.21	52822.92	2.28	ppb
Krypton	83-1						cps
Lead	206-1	5111.06	5028.24	4943.32	5027.54	1.67	ppb
Lead	207-1	5061.03	5055.03	4955.78	5023.95	1.18	ppb
Lead	208-1	5059.37	5022.10	4995.79	5025.76	0.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	102641.36	99453.92	101634.53	101243.27	1.61	ppb
Manganese	55-2	10192.71	9745.20	9942.55	9960.15	2.25	ppb
Molybdenum	94-1	9984.35	9979.03	9891.26	9951.55	0.53	ppb
Molybdenum	95-1	10086.43	10025.00	9838.51	9983.31	1.29	ppb
Molybdenum	96-1	10166.73	10005.53	9774.60	9982.29	1.97	ppb
Molybdenum	97-1	10146.21	9946.40	9798.53	9963.71	1.75	ppb
Molybdenum	98-1	10074.22	9916.83	9883.58	9958.21	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.49	972.05	986.37	986.64	1.49	ppb
Phosphorus	31-2	19975.25	19628.61	20103.87	19902.58	1.24	ppb
Potassium	39-2	50691.24	49551.41	50247.20	50163.29	1.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	997.74	1000.16	974.13	990.67	1.45	ppb
Selenium	77-2	991.13	985.21	999.90	992.08	0.75	ppb
Selenium	78-2	1021.33	984.03	969.62	991.66	2.69	ppb
Silicon	28-1	925.02	918.22	909.39	917.54	0.85	ppb
Silver	107-1	993.80	981.87	992.72	989.46	0.67	ppb
Silver	109-1	989.15	971.43	1000.52	987.03	1.49	ppb
Sodium	23-2	104018.04	100559.96	102003.34	102193.78	1.70	ppb
Strontium	86-1	25033.82	24869.47	24776.57	24893.29	0.52	ppb
Strontium	88-1	25400.11	24917.86	24472.43	24930.13	1.86	ppb
Sulfur	34-1	20173.34	19864.51	20047.17	20028.34	0.78	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1029.68	1006.21	999.79	1011.89	1.56	ppb
Thallium	205-1	1022.61	1001.91	995.30	1006.61	1.42	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	992.55	977.40	1012.08	994.01	1.75	ppb
Titanium	47-1	10049.94	9873.68	10029.52	9984.38	0.97	ppb
Uranium	238-1	1006.42	1005.85	1006.26	1006.18	0.03	ppb
Vanadium	51-2	1013.85	980.13	1001.44	998.47	1.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	10200.58	9682.79	9826.49	9903.29	2.70	ppb
Zirconium	90-1	1003.92	991.68	997.16	997.59	0.61	ppb
Zirconium	91-1	1001.26	1000.73	1001.86	1001.28	0.06	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99227.44	99811.98	100579.98	99873.13	0.68	ppb
Antimony	121-1	0.65	0.66	0.67	0.66	1.58	ppb
Arsenic	75-2	0.32	0.18	0.30	0.27	27.89	ppb
Barium	135-1	3.18	2.96	3.04	3.06	3.52	ppb
Barium	137-1	3.22	2.98	2.94	3.05	4.91	ppb
Beryllium	9-1	0.46	0.44	0.39	0.43	7.74	ppb
Bismuth	209-1				76		%
Bismuth	209-2				76		%
Boron	10-1	44.51	38.02	32.99	38.51	15.00	ppb
Boron	11-1	46.38	39.10	34.01	39.83	15.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.34	0.37	0.31	0.34	9.06	ppb
Cadmium	106-1	0.35	0.77	0.83	0.65	40.14	ppb
Cadmium	108-1	0.44	0.45	0.55	0.48	12.82	ppb
Calcium	43-1	501353.62	492505.78	494270.87	496043.43	0.94	ppb
Calcium	44-1	507091.99	493943.42	499305.71	500113.70	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.35	7.22	7.21	7.26	1.07	ppb
Cobalt	59-2	1.01	1.05	1.06	1.04	2.53	ppb
Copper	63-2	1.29	1.26	1.23	1.26	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				89		%
Indium	115-1				81		%
Indium	115-2				83		%
Iron	56-2	250216.43	250759.19	246802.54	249259.39	0.86	ppb
Iron	57-2	249455.53	250534.88	248447.51	249479.31	0.42	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250414.15	249312.37	247707.27	249144.60	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.01	0.93	1.03	10.51	ppb
Lead	207-1	1.14	0.90	0.87	0.97	15.13	ppb
Lead	208-1	1.13	0.96	0.88	0.99	12.96	ppb
Lithium	6-1				83		%
Magnesium	24-2	498410.82	500629.72	499463.99	499501.51	0.22	ppb
Manganese	55-2	4.88	4.87	4.83	4.86	0.61	ppb
Molybdenum	94-1	2.74	2.22	2.05	2.34	15.19	ppb
Molybdenum	95-1	2.28	1.84	1.75	1.96	14.60	ppb
Molybdenum	96-1	5.97	5.55	5.30	5.61	6.06	ppb
Molybdenum	97-1	2.41	1.91	1.79	2.04	16.19	ppb
Molybdenum	98-1	2.25	1.81	1.60	1.88	17.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.66	2.61	2.58	3.61	ppb
Phosphorus	31-2	1.67	3.92	8.12	4.57	71.62	ppb
Potassium	39-2	249448.09	247483.67	252797.44	249909.73	1.08	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	2.19	2.39	2.25	2.28	4.60	ppb
Selenium	77-2	0.41	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.13	0.00	2.06	0.64	190.02	ppb
Silicon	28-1	9.80	7.93	7.11	8.28	16.63	ppb
Silver	107-1	0.42	0.40	0.36	0.39	8.62	ppb
Silver	109-1	0.43	0.40	0.37	0.40	8.14	ppb
Sodium	23-2	499276.86	498379.96	500156.51	499271.11	0.18	ppb
Strontium	86-1	7.66	6.68	6.37	6.90	9.76	ppb
Strontium	88-1	7.71	6.72	6.36	6.93	10.11	ppb
Sulfur	34-1	-136.06	-91.93	97.22	-43.59		ppb
Terbium	159-1				88		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.11	0.09	0.11	23.20	ppb
Thallium	205-1	0.13	0.11	0.08	0.11	22.16	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.49	0.54	0.48	0.50	6.84	ppb
Titanium	47-1	1.87	1.44	1.31	1.54	19.02	ppb
Uranium	238-1	0.12	0.08	0.07	0.09	27.44	ppb
Vanadium	51-2	0.33	0.32	0.36	0.34	6.33	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	6.49	6.79	6.68	6.65	2.26	ppb
Zirconium	90-1	0.25	0.19	0.19	0.21	16.24	ppb
Zirconium	91-1	0.26	0.21	0.16	0.21	22.85	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.84	506.84	509.13	509.93	0.70	ppb
Antimony	121-1	189.03	182.67	187.24	186.32	1.76	ppb
Arsenic	75-2	199.95	197.74	201.13	199.61	0.86	ppb
Barium	135-1	98.12	93.54	96.17	95.94	2.40	ppb
Barium	137-1	97.08	93.73	95.53	95.45	1.76	ppb
Beryllium	9-1	105.53	102.82	103.23	103.86	1.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	194.62	193.60	195.16	194.46	0.41	ppb
Boron	11-1	198.83	198.95	202.29	200.02	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	107.92	104.43	106.47	106.27	1.65	ppb
Cadmium	106-1	198.95	186.17	194.89	193.34	3.38	ppb
Cadmium	108-1	185.23	180.00	181.91	182.38	1.45	ppb
Calcium	43-1	2436.89	2392.68	2451.19	2426.92	1.26	ppb
Calcium	44-1	2190.44	2125.23	2144.17	2153.28	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.63	98.17	98.50	98.77	0.77	ppb
Cobalt	59-2	97.73	97.64	97.20	97.52	0.29	ppb
Copper	63-2	96.04	95.73	96.60	96.13	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	1999.86	2028.79	2032.21	2020.29	0.88	ppb
Iron	57-2	2029.19	2035.02	2051.80	2038.67	0.58	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2128.48	2123.67	2148.34	2133.50	0.61	ppb
Krypton	83-1						cps
Lead	206-1	180.60	175.42	178.22	178.08	1.46	ppb
Lead	207-1	168.03	164.18	167.24	166.48	1.22	ppb
Lead	208-1	194.70	188.26	189.61	190.86	1.78	ppb
Lithium	6-1				95		%
Magnesium	24-2	1155.05	1146.73	1156.29	1152.69	0.45	ppb
Manganese	55-2	98.94	98.70	99.44	99.03	0.38	ppb
Molybdenum	94-1	4842.94	4637.14	4685.88	4721.99	2.28	ppb
Molybdenum	95-1	4862.91	4557.99	4619.58	4680.16	3.45	ppb
Molybdenum	96-1	4851.54	4517.35	4623.27	4664.06	3.66	ppb
Molybdenum	97-1	4879.13	4572.01	4716.77	4722.63	3.25	ppb
Molybdenum	98-1	4877.14	4671.87	4647.37	4732.13	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.09	115.43	116.57	116.03	0.49	ppb
Phosphorus	31-2	-6.60	-14.68	-10.88	-10.72		ppb
Potassium	39-2	2015.46	1974.35	1988.39	1992.73	1.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	210.46	201.48	205.30	205.75	2.19	ppb
Selenium	77-2	203.05	194.60	192.62	196.76	2.81	ppb
Selenium	78-2	198.48	197.65	200.41	198.85	0.71	ppb
Silicon	28-1	44.45	50.18	53.60	49.41	9.35	ppb
Silver	107-1	49.60	48.37	48.81	48.92	1.27	ppb
Silver	109-1	49.03	47.71	48.34	48.36	1.37	ppb
Sodium	23-2	2047.90	2012.77	2044.33	2035.00	0.95	ppb
Strontium	86-1	468.82	446.35	450.99	455.39	2.60	ppb
Strontium	88-1	496.98	469.04	481.82	482.61	2.90	ppb
Sulfur	34-1	97.17	-192.62	-150.74	-82.06		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	187.14	179.78	182.40	183.11	2.04	ppb
Thallium	205-1	212.81	204.44	206.60	207.95	2.09	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	536.39	504.27	507.34	516.00	3.44	ppb
Titanium	47-1	5040.61	4906.48	4899.73	4948.94	1.61	ppb
Uranium	238-1	507.98	491.18	488.59	495.92	2.12	ppb
Vanadium	51-2	94.13	94.43	93.92	94.16	0.27	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	215.23	216.47	217.16	216.29	0.45	ppb
Zirconium	90-1	495.95	464.71	467.75	476.14	3.62	ppb
Zirconium	91-1	473.49	454.03	460.48	462.67	2.14	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.68	22.03	21.73	21.48	3.28	ppb
Antimony	121-1	1.89	1.95	1.92	1.92	1.51	ppb
Arsenic	75-2	0.98	1.06	1.02	1.02	4.11	ppb
Barium	135-1	8.80	9.07	9.10	8.99	1.81	ppb
Barium	137-1	8.97	8.92	9.24	9.05	1.91	ppb
Beryllium	9-1	1.14	1.22	1.12	1.16	4.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	10.76	11.80	12.04	11.53	5.90	ppb
Boron	11-1	11.05	11.72	12.30	11.69	5.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	1.02	1.16	1.07	7.37	ppb
Cadmium	106-1	0.35	-0.98	1.52	0.30	423.14	ppb
Cadmium	108-1	1.22	1.59	0.94	1.25	25.91	ppb
Calcium	43-1	508.46	549.99	529.90	529.45	3.92	ppb
Calcium	44-1	525.45	547.16	536.93	536.52	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.91	2.08	1.97	4.90	ppb
Cobalt	59-2	1.00	1.00	0.99	1.00	0.95	ppb
Copper	63-2	1.98	2.07	1.93	2.00	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	54.02	53.44	53.24	53.57	0.76	ppb
Iron	57-2	55.30	56.71	56.80	56.27	1.49	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.77	55.07	55.49	55.78	1.58	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.79	0.82	0.82	3.90	ppb
Lead	207-1	0.76	0.77	0.84	0.79	5.62	ppb
Lead	208-1	0.83	0.82	0.84	0.83	1.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	507.67	508.63	514.33	510.21	0.71	ppb
Manganese	55-2	1.08	1.14	1.09	1.10	2.63	ppb
Molybdenum	94-1	5.34	5.47	5.53	5.45	1.82	ppb
Molybdenum	95-1	4.53	4.63	4.67	4.61	1.58	ppb
Molybdenum	96-1	4.62	4.74	4.76	4.71	1.59	ppb
Molybdenum	97-1	4.64	4.73	4.53	4.64	2.20	ppb
Molybdenum	98-1	4.63	4.71	4.67	4.67	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	1.07	1.04	3.39	ppb
Phosphorus	31-2	9.15	5.53	7.17	7.28	24.93	ppb
Potassium	39-2	521.87	512.17	521.11	518.38	1.04	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	4.78	5.13	5.30	5.07	5.20	ppb
Selenium	77-2	4.86	6.30	6.81	5.99	16.86	ppb
Selenium	78-2	3.66	4.69	7.22	5.19	35.23	ppb
Silicon	28-1	0.98	1.00	0.91	0.96	4.62	ppb
Silver	107-1	0.98	0.96	1.01	0.98	2.79	ppb
Silver	109-1	0.97	0.98	0.97	0.97	1.06	ppb
Sodium	23-2	535.70	535.91	536.20	535.94	0.05	ppb
Strontium	86-1	0.97	0.98	0.96	0.97	1.41	ppb
Strontium	88-1	0.91	0.94	0.96	0.94	2.70	ppb
Sulfur	34-1	-19.24	132.98	25.37	46.37	168.76	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.79	0.84	0.79	0.81	3.41	ppb
Thallium	205-1	0.81	0.82	0.80	0.81	1.00	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.55	4.66	4.86	4.69	3.39	ppb
Titanium	47-1	4.92	4.92	4.87	4.90	0.58	ppb
Uranium	238-1	0.77	0.76	0.78	0.77	1.41	ppb
Vanadium	51-2	4.84	4.84	4.98	4.89	1.57	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	2.53	2.16	2.24	2.31	8.47	ppb
Zirconium	90-1	0.86	0.90	0.93	0.90	3.89	ppb
Zirconium	91-1	0.81	0.89	0.93	0.88	6.57	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.13	-0.08	-0.14		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	31.84	ppb
Arsenic	75-2	-0.01	0.02	0.02	0.01	169.39	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.06	0.05	0.03	0.04	36.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	3.58	3.21	3.02	3.27	8.79	ppb
Boron	11-1	3.14	2.96	3.03	3.04	2.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.01	0.01	0.01	38.46	ppb
Cadmium	106-1	1.68	0.94	1.21	1.28	29.21	ppb
Cadmium	108-1	0.01	0.13	0.01	0.05	130.98	ppb
Calcium	43-1	-0.85	-1.00	-0.56	-0.80		ppb
Calcium	44-1	-1.37	-2.02	-2.10	-1.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.06	0.02	0.04	59.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	0.33	0.17	0.38	0.29	37.60	ppb
Iron	57-2	0.23	-0.31	-1.12	-0.40		ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.10	0.34	0.53	0.26	126.89	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.02	29.94	ppb
Lead	207-1	0.01	0.01	0.01	0.01	26.66	ppb
Lead	208-1	0.02	0.01	0.02	0.02	12.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.07	-0.04	0.05	-0.02		ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	54.88	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	20.55	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	21.93	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.02	15.15	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	33.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.00	0.02	129.20	ppb
Phosphorus	31-2	-4.97	-9.93	-13.69	-9.53		ppb
Potassium	39-2	3.85	-0.75	2.09	1.73	133.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.08	0.22	0.04	0.06	264.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.87	0.53	-2.09	-0.81		ppb
Silicon	28-1	0.07	-0.01	0.08	0.05	104.89	ppb
Silver	107-1	0.02	0.01	0.01	0.01	35.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.30	ppb
Sodium	23-2	13.10	13.01	11.46	12.52	7.37	ppb
Strontium	86-1	-0.01	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-68.50	-2.20	14.18	-18.84		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.00	0.01	38.34	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	10.33	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.00	-0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	705.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	-0.11	-0.03	-0.05	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	109.70	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	656.84	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96426.49	95350.37	95878.11	95884.99	0.56	ppb
Antimony	121-1	0.99	0.98	1.01	0.99	1.50	ppb
Arsenic	75-2	0.56	0.49	0.65	0.57	13.61	ppb
Barium	135-1	1.33	1.30	1.22	1.28	4.75	ppb
Barium	137-1	1.25	1.24	1.27	1.25	1.44	ppb
Beryllium	9-1	0.30	0.29	0.27	0.29	5.81	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	1.73	1.55	1.54	1.61	6.89	ppb
Boron	11-1	1.63	1.71	1.59	1.64	3.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.46	0.49	0.60	0.52	14.30	ppb
Cadmium	106-1	-3.67	-4.33	-3.92	-3.98		ppb
Cadmium	108-1	14.30	12.85	12.02	13.06	8.82	ppb
Calcium	43-1	98953.27	104049.20	101713.31	101571.93	2.51	ppb
Calcium	44-1	98187.31	101194.16	100777.76	100053.08	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.30	18.91	19.15	19.12	1.02	ppb
Cobalt	59-2	1.12	1.13	1.18	1.14	2.83	ppb
Copper	63-2	6.71	6.96	7.10	6.92	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	103137.11	101735.12	102367.83	102413.35	0.69	ppb
Iron	57-2	101349.67	100330.67	101307.83	100996.06	0.57	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102652.46	101735.96	102072.06	102153.49	0.45	ppb
Krypton	83-1						cps
Lead	206-1	3.82	3.95	3.88	3.88	1.59	ppb
Lead	207-1	3.31	3.44	3.43	3.39	2.14	ppb
Lead	208-1	3.41	3.53	3.50	3.48	1.81	ppb
Lithium	6-1				92		%
Magnesium	24-2	93663.52	91622.08	91983.73	92423.11	1.18	ppb
Manganese	55-2	7.90	7.58	7.75	7.74	2.08	ppb
Molybdenum	94-1	1449.03	1487.61	1479.16	1471.94	1.38	ppb
Molybdenum	95-1	1758.99	1798.68	1798.37	1785.35	1.28	ppb
Molybdenum	96-1	1729.90	1748.70	1757.54	1745.38	0.81	ppb
Molybdenum	97-1	1771.78	1807.29	1803.55	1794.20	1.09	ppb
Molybdenum	98-1	1783.28	1803.73	1798.93	1795.31	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.26	5.31	5.32	1.25	ppb
Phosphorus	31-2	96468.73	95385.60	95311.71	95722.01	0.68	ppb
Potassium	39-2	98213.03	96389.62	96967.14	97189.93	0.96	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.27	0.38	0.61	0.42	41.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.55	-0.06	-1.16	-0.22		ppb
Silicon	28-1	2.80	2.95	2.89	2.88	2.64	ppb
Silver	107-1	0.02	0.03	0.02	0.02	26.59	ppb
Silver	109-1	0.03	0.02	0.02	0.02	13.21	ppb
Sodium	23-2	99260.27	99212.68	99104.51	99192.49	0.08	ppb
Strontium	86-1	30.08	30.56	30.78	30.47	1.17	ppb
Strontium	88-1	30.05	30.81	30.81	30.56	1.44	ppb
Sulfur	34-1	98086.40	100855.53	98570.31	99170.75	1.49	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.05	0.06	0.06	9.02	ppb
Thallium	205-1	0.04	0.05	0.07	0.05	29.27	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.49	0.48	0.47	0.48	2.34	ppb
Titanium	47-1	1926.77	2030.17	2004.67	1987.20	2.71	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.56	ppb
Vanadium	51-2	0.21	0.20	0.22	0.21	3.72	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	11.56	11.35	11.91	11.61	2.40	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	25.71	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	27.51	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92376.97	92728.45	90818.13	91974.52	1.11	ppb
Antimony	121-1	18.73	19.09	18.61	18.81	1.33	ppb
Arsenic	75-2	20.08	19.40	20.62	20.04	3.05	ppb
Barium	135-1	18.79	18.85	19.10	18.91	0.84	ppb
Barium	137-1	19.14	19.00	18.61	18.92	1.44	ppb
Beryllium	9-1	20.22	20.64	20.41	20.42	1.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	18.01	18.62	18.75	18.46	2.16	ppb
Boron	11-1	18.48	19.05	19.44	18.99	2.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.84	19.54	19.10	19.16	1.86	ppb
Cadmium	106-1	21.36	21.54	21.50	21.47	0.46	ppb
Cadmium	108-1	32.77	34.59	32.38	33.24	3.56	ppb
Calcium	43-1	97270.15	98742.76	98311.00	98107.97	0.77	ppb
Calcium	44-1	97107.68	98153.78	98442.15	97901.20	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.94	39.30	38.08	38.44	1.95	ppb
Cobalt	59-2	19.60	19.95	19.50	19.68	1.21	ppb
Copper	63-2	25.10	25.00	24.58	24.89	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	98359.35	99990.80	97563.66	98637.94	1.25	ppb
Iron	57-2	97616.56	98135.27	96783.11	97511.65	0.70	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	98076.13	98848.53	97285.22	98069.96	0.80	ppb
Krypton	83-1						cps
Lead	206-1	22.25	22.26	22.06	22.19	0.52	ppb
Lead	207-1	20.51	20.57	20.43	20.50	0.36	ppb
Lead	208-1	21.31	21.49	21.37	21.39	0.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	88735.33	89002.21	87278.25	88338.60	1.05	ppb
Manganese	55-2	26.97	26.55	26.35	26.63	1.19	ppb
Molybdenum	94-1	1566.95	1579.90	1611.85	1586.23	1.46	ppb
Molybdenum	95-1	1799.26	1842.64	1847.05	1829.65	1.44	ppb
Molybdenum	96-1	1792.04	1804.41	1749.10	1781.85	1.63	ppb
Molybdenum	97-1	1831.04	1808.42	1812.06	1817.18	0.67	ppb
Molybdenum	98-1	1819.56	1793.59	1836.29	1816.48	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.47	25.01	25.32	25.27	0.93	ppb
Phosphorus	31-2	93933.82	94823.66	93048.59	93935.36	0.94	ppb
Potassium	39-2	94701.89	94300.85	92820.38	93941.04	1.05	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	19.84	19.57	19.73	19.71	0.70	ppb
Selenium	77-2	15.88	21.04	21.54	19.49	16.10	ppb
Selenium	78-2	17.86	19.31	18.31	18.49	4.01	ppb
Silicon	28-1	4.72	4.73	4.77	4.74	0.60	ppb
Silver	107-1	16.60	16.98	16.94	16.84	1.24	ppb
Silver	109-1	16.95	16.92	17.01	16.96	0.25	ppb
Sodium	23-2	95639.43	94336.05	93196.11	94390.53	1.30	ppb
Strontium	86-1	73.81	74.61	75.43	74.62	1.08	ppb
Strontium	88-1	78.14	73.91	74.59	75.55	3.00	ppb
Sulfur	34-1	95573.59	96489.84	98153.56	96739.00	1.35	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	17.75	17.63	17.51	17.63	0.67	ppb
Thallium	205-1	17.31	17.17	16.96	17.15	1.02	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	43.19	43.11	42.85	43.05	0.42	ppb
Titanium	47-1	1960.45	1950.13	2000.72	1970.43	1.36	ppb
Uranium	238-1	39.20	39.99	39.41	39.53	1.04	ppb
Vanadium	51-2	19.17	19.07	19.10	19.11	0.28	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	30.13	30.11	29.50	29.91	1.21	ppb
Zirconium	90-1	44.46	45.03	44.95	44.82	0.68	ppb
Zirconium	91-1	45.27	45.62	45.65	45.52	0.47	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49344.39	48522.51	48582.35	48816.42	0.94	ppb
Antimony	121-1	475.87	476.38	485.61	479.29	1.14	ppb
Arsenic	75-2	480.95	479.29	492.99	484.41	1.54	ppb
Barium	135-1	2471.62	2447.51	2488.25	2469.12	0.83	ppb
Barium	137-1	2405.29	2441.43	2509.66	2452.13	2.16	ppb
Beryllium	9-1	491.33	490.30	497.61	493.08	0.80	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	475.80	489.46	511.19	492.15	3.63	ppb
Boron	11-1	466.69	484.33	508.67	486.56	4.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	486.10	488.50	497.34	490.65	1.21	ppb
Cadmium	106-1	488.02	485.26	500.96	491.41	1.71	ppb
Cadmium	108-1	483.43	489.15	500.65	491.08	1.79	ppb
Calcium	43-1	247071.84	245029.95	245860.43	245987.41	0.42	ppb
Calcium	44-1	236771.02	240119.34	241139.15	239343.17	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.43	479.86	483.44	482.24	0.43	ppb
Cobalt	59-2	498.58	501.60	492.64	497.61	0.92	ppb
Copper	63-2	4931.04	4912.57	4940.03	4927.88	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	127175.96	123577.16	123967.49	124906.87	1.58	ppb
Iron	57-2	127134.99	122991.03	122728.94	124284.99	1.99	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125406.00	124926.09	124894.23	125075.44	0.23	ppb
Krypton	83-1						cps
Lead	206-1	2457.15	2456.03	2483.03	2465.40	0.62	ppb
Lead	207-1	2436.39	2453.07	2475.42	2454.96	0.80	ppb
Lead	208-1	2427.20	2439.92	2470.67	2445.93	0.91	ppb
Lithium	6-1				87		%
Magnesium	24-2	242579.73	235856.90	238930.58	239122.40	1.41	ppb
Manganese	55-2	4890.32	4851.85	4835.38	4859.19	0.58	ppb
Molybdenum	94-1	4923.89	4947.43	4975.29	4948.87	0.52	ppb
Molybdenum	95-1	4926.65	4958.08	4989.48	4958.07	0.63	ppb
Molybdenum	96-1	4832.61	4943.14	4964.09	4913.28	1.44	ppb
Molybdenum	97-1	4945.29	4937.92	4954.95	4946.05	0.17	ppb
Molybdenum	98-1	4963.16	4967.19	5015.22	4981.86	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.74	487.01	492.04	490.93	0.71	ppb
Phosphorus	31-2	9759.48	9471.80	9455.44	9562.24	1.79	ppb
Potassium	39-2	121767.58	121216.01	120208.76	121064.12	0.65	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	484.24	493.34	506.75	494.77	2.29	ppb
Selenium	77-2	483.27	470.66	494.57	482.83	2.48	ppb
Selenium	78-2	490.12	489.77	497.32	492.40	0.87	ppb
Silicon	28-1	530.50	528.47	528.80	529.26	0.21	ppb
Silver	107-1	459.78	462.43	476.68	466.30	1.95	ppb
Silver	109-1	478.08	469.15	478.46	475.23	1.11	ppb
Sodium	23-2	248093.21	241891.44	241872.42	243952.36	1.47	ppb
Strontium	86-1	12297.92	12180.00	12348.27	12275.40	0.70	ppb
Strontium	88-1	12386.70	12239.94	12264.08	12296.91	0.64	ppb
Sulfur	34-1	9442.70	9413.91	9377.57	9411.39	0.35	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	501.34	500.72	503.28	501.78	0.27	ppb
Thallium	205-1	486.01	493.82	500.08	493.30	1.43	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	488.14	479.11	494.45	487.23	1.58	ppb
Titanium	47-1	4803.94	4909.28	4922.00	4878.41	1.33	ppb
Uranium	238-1	511.18	507.06	505.46	507.90	0.58	ppb
Vanadium	51-2	488.58	483.83	484.59	485.67	0.53	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	4976.78	4878.57	4898.10	4917.82	1.06	ppb
Zirconium	90-1	488.44	491.80	495.32	491.85	0.70	ppb
Zirconium	91-1	473.30	479.46	486.40	479.72	1.37	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.24	0.47	0.29	58.09	ppb
Antimony	121-1	0.08	0.09	0.10	0.09	7.93	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	19.23	ppb
Barium	135-1	0.01	0.00	0.02	0.01	126.30	ppb
Barium	137-1	0.00	0.01	0.00	0.01	61.85	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	21.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	5.44	4.72	4.55	4.91	9.65	ppb
Boron	11-1	5.52	5.07	4.62	5.07	8.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.04	0.00	-0.02		ppb
Cadmium	106-1	-1.26	-3.80	-1.97	-2.35		ppb
Cadmium	108-1	-0.02	0.04	0.01	0.01	316.95	ppb
Calcium	43-1	-0.10	-2.50	-0.23	-0.94		ppb
Calcium	44-1	2.03	2.49	1.01	1.85	40.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	108.38	ppb
Copper	63-2	0.12	0.08	0.10	0.10	20.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	1.44	1.16	1.83	1.48	22.80	ppb
Iron	57-2	0.52	1.18	0.98	0.89	38.07	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.35	0.89	2.04	0.86	138.65	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.06	6.77	ppb
Lead	207-1	0.05	0.07	0.05	0.05	17.66	ppb
Lead	208-1	0.07	0.06	0.06	0.06	8.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.05	0.74	1.30	1.03	27.24	ppb
Manganese	55-2	0.03	0.03	0.04	0.03	28.03	ppb
Molybdenum	94-1	0.11	0.06	0.08	0.08	34.45	ppb
Molybdenum	95-1	0.09	0.06	0.05	0.07	35.44	ppb
Molybdenum	96-1	0.08	0.06	0.08	0.07	14.04	ppb
Molybdenum	97-1	0.09	0.07	0.05	0.07	27.21	ppb
Molybdenum	98-1	0.08	0.05	0.06	0.06	18.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	74.53	ppb
Phosphorus	31-2	-18.76	-11.06	-2.91	-10.91		ppb
Potassium	39-2	1.63	-15.72	4.99	-3.03		ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.60	-0.21	0.13	-0.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.74	-0.01	0.57	0.43	91.24	ppb
Silicon	28-1	0.11	0.07	0.01	0.06	81.60	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.86	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.48	ppb
Sodium	23-2	28.42	21.81	29.03	26.42	15.16	ppb
Strontium	86-1	0.04	0.02	0.05	0.04	36.17	ppb
Strontium	88-1	0.07	0.03	0.04	0.05	37.62	ppb
Sulfur	34-1	-381.49	-322.15	-361.33	-354.99		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	28.23	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.51	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.02	-0.02	-0.01		ppb
Titanium	47-1	0.09	0.11	0.15	0.11	27.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.83	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	30.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.07	0.00	0.06	0.04	86.83	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	37.43	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	32.54	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.07	21.43	20.48	20.99	2.27	ppb
Antimony	121-1	1.89	1.94	1.97	1.93	2.02	ppb
Arsenic	75-2	1.16	1.25	1.02	1.14	10.04	ppb
Barium	135-1	8.96	9.24	9.39	9.20	2.37	ppb
Barium	137-1	9.14	8.92	9.31	9.12	2.10	ppb
Beryllium	9-1	1.12	1.08	1.24	1.15	6.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	10.83	11.35	11.57	11.25	3.35	ppb
Boron	11-1	10.88	11.69	12.02	11.53	5.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.08	1.09	1.25	1.14	8.38	ppb
Cadmium	106-1	2.82	3.14	-0.31	1.89	101.33	ppb
Cadmium	108-1	1.02	0.70	1.08	0.93	22.20	ppb
Calcium	43-1	510.75	529.13	572.10	537.33	5.86	ppb
Calcium	44-1	521.56	534.66	564.64	540.28	4.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	1.91	2.06	2.04	6.07	ppb
Cobalt	59-2	1.08	0.94	0.98	1.00	7.29	ppb
Copper	63-2	2.10	2.27	2.12	2.17	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	54.41	54.87	53.69	54.32	1.10	ppb
Iron	57-2	57.36	55.03	54.62	55.67	2.66	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.71	56.73	55.73	57.06	2.66	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.81	0.88	0.83	5.14	ppb
Lead	207-1	0.84	0.81	0.86	0.84	3.17	ppb
Lead	208-1	0.81	0.85	0.88	0.85	3.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	508.71	514.03	512.18	511.64	0.53	ppb
Manganese	55-2	1.08	1.11	1.06	1.08	2.20	ppb
Molybdenum	94-1	5.36	5.41	5.95	5.57	5.88	ppb
Molybdenum	95-1	4.73	4.51	4.98	4.74	4.92	ppb
Molybdenum	96-1	4.78	4.69	5.01	4.83	3.46	ppb
Molybdenum	97-1	4.54	4.57	4.94	4.68	4.85	ppb
Molybdenum	98-1	4.70	4.60	4.84	4.71	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.15	1.12	1.08	8.84	ppb
Phosphorus	31-2	14.84	9.93	11.69	12.15	20.45	ppb
Potassium	39-2	521.29	523.70	524.08	523.02	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	4.94	5.53	5.21	5.23	5.59	ppb
Selenium	77-2	6.40	4.68	4.64	5.24	19.21	ppb
Selenium	78-2	5.79	4.82	4.86	5.16	10.59	ppb
Silicon	28-1	0.52	0.50	0.78	0.60	26.68	ppb
Silver	107-1	1.02	1.03	1.07	1.04	2.62	ppb
Silver	109-1	1.02	1.00	1.02	1.01	1.02	ppb
Sodium	23-2	530.24	536.14	533.52	533.30	0.55	ppb
Strontium	86-1	0.92	0.88	0.93	0.91	3.36	ppb
Strontium	88-1	0.93	0.93	0.98	0.95	3.31	ppb
Sulfur	34-1	-174.40	-210.18	271.95	-37.54		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.85	0.83	0.87	0.85	1.83	ppb
Thallium	205-1	0.79	0.82	0.84	0.82	2.94	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.69	4.76	4.87	4.77	1.86	ppb
Titanium	47-1	4.66	5.07	5.21	4.98	5.76	ppb
Uranium	238-1	0.73	0.74	0.80	0.76	5.18	ppb
Vanadium	51-2	4.96	4.85	4.88	4.90	1.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.30	2.41	2.19	2.30	4.75	ppb
Zirconium	90-1	0.89	0.90	0.95	0.91	3.21	ppb
Zirconium	91-1	0.90	0.92	0.95	0.92	2.22	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2906.80	2874.01	2887.05	2889.29	0.57	ppb
Antimony	121-1	881.31	865.08	880.18	875.53	1.04	ppb
Arsenic	75-2	785.25	779.76	773.56	779.52	0.75	ppb
Barium	135-1	1715.06	1697.15	1693.41	1701.88	0.68	ppb
Barium	137-1	1692.95	1707.65	1707.05	1702.55	0.49	ppb
Beryllium	9-1	231.70	234.81	235.50	234.01	0.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	527.17	566.59	588.06	560.60	5.51	ppb
Boron	11-1	529.32	570.15	608.66	569.38	6.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	572.08	571.65	575.06	572.93	0.32	ppb
Cadmium	106-1	434.56	438.86	445.17	439.53	1.21	ppb
Cadmium	108-1	461.63	456.43	473.16	463.74	1.85	ppb
Calcium	43-1	190.35	192.26	184.70	189.11	2.08	ppb
Calcium	44-1	-23.78	-20.33	-19.35	-21.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352.15	354.00	351.08	352.41	0.42	ppb
Cobalt	59-2	904.61	889.45	889.15	894.40	0.99	ppb
Copper	63-2	692.34	690.56	695.62	692.84	0.37	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	3667.08	3641.03	3588.08	3632.06	1.11	ppb
Iron	57-2	3627.35	3562.61	3570.93	3586.96	0.98	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3949.01	3898.69	3870.12	3905.94	1.02	ppb
Krypton	83-1						cps
Lead	206-1	1050.84	1040.48	1049.56	1046.96	0.54	ppb
Lead	207-1	1009.25	1010.51	1022.07	1013.94	0.70	ppb
Lead	208-1	1072.85	1072.22	1086.71	1077.26	0.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.06	-0.07	-0.23	-0.08		ppb
Manganese	55-2	1365.64	1327.18	1344.49	1345.77	1.43	ppb
Molybdenum	94-1	235.74	232.68	239.95	236.13	1.55	ppb
Molybdenum	95-1	282.53	281.99	290.92	285.15	1.76	ppb
Molybdenum	96-1	278.07	276.66	285.30	280.01	1.66	ppb
Molybdenum	97-1	285.88	283.86	294.89	288.21	2.04	ppb
Molybdenum	98-1	296.04	291.72	300.40	296.05	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1115.84	1105.00	1104.89	1108.57	0.57	ppb
Phosphorus	31-2	-14.86	-6.79	-13.89	-11.85		ppb
Potassium	39-2	0.00	-1.96	-1.12	-1.02		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	766.34	771.33	788.89	775.52	1.53	ppb
Selenium	77-2	785.94	776.73	786.47	783.04	0.70	ppb
Selenium	78-2	784.24	782.84	773.68	780.26	0.74	ppb
Silicon	28-1	5.92	5.98	6.27	6.06	3.07	ppb
Silver	107-1	819.39	826.95	833.21	826.52	0.84	ppb
Silver	109-1	852.23	837.02	838.64	842.63	0.99	ppb
Sodium	23-2	38.94	37.85	38.78	38.52	1.53	ppb
Strontium	86-1	332.63	333.95	344.53	337.03	1.94	ppb
Strontium	88-1	355.30	348.49	360.53	354.77	1.70	ppb
Sulfur	34-1	-353.54	-324.49	-170.18	-282.74		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	266.04	257.59	270.60	264.74	2.49	ppb
Thallium	205-1	259.63	259.87	265.34	261.61	1.23	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	0.08	0.13	0.10	0.10	25.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.04	ppb
Vanadium	51-2	1130.78	1156.00	1134.46	1140.41	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	504.65	497.02	499.24	500.30	0.78	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	7.67	ppb
Zirconium	91-1	0.31	0.35	0.39	0.35	11.76	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.57	55.07	57.88	55.51	3.94	ppb
Antimony	121-1	0.36	0.39	0.42	0.39	7.61	ppb
Arsenic	75-2	0.06	0.07	0.02	0.05	56.50	ppb
Barium	135-1	0.11	0.14	0.10	0.12	18.43	ppb
Barium	137-1	0.10	0.12	0.09	0.10	17.96	ppb
Beryllium	9-1	0.08	0.04	0.08	0.07	37.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	93.41	97.90	95.01	95.44	2.39	ppb
Boron	11-1	97.46	100.96	98.04	98.82	1.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.03	0.01	0.02	48.88	ppb
Cadmium	106-1	0.06	0.99	-0.09	0.32	184.87	ppb
Cadmium	108-1	0.18	0.10	0.04	0.10	67.96	ppb
Calcium	43-1	1.70	3.94	2.34	2.66	43.33	ppb
Calcium	44-1	10.73	10.96	11.06	10.92	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.03	0.02	73.34	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	7.61	ppb
Copper	63-2	0.09	0.13	0.12	0.11	20.19	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	1.65	1.54	1.72	1.64	5.45	ppb
Iron	57-2	2.18	0.62	1.43	1.41	55.32	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.50	0.75	2.05	1.10	75.73	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.12	0.15	0.11	32.06	ppb
Lead	207-1	0.07	0.11	0.12	0.10	28.66	ppb
Lead	208-1	0.08	0.12	0.13	0.11	22.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.31	-0.13	0.10	0.09	234.36	ppb
Manganese	55-2	0.05	0.02	0.03	0.03	42.58	ppb
Molybdenum	94-1	1.71	1.65	1.71	1.69	1.83	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.05	18.95	ppb
Molybdenum	96-1	0.22	0.23	0.20	0.22	6.79	ppb
Molybdenum	97-1	0.05	0.08	0.03	0.05	49.28	ppb
Molybdenum	98-1	0.03	0.07	0.03	0.05	49.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.21	0.20	0.20	6.27	ppb
Phosphorus	31-2	-4.34	-10.36	-11.48	-8.73		ppb
Potassium	39-2	2.22	4.66	4.57	3.82	36.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.24	-0.10	0.10	0.08	207.26	ppb
Selenium	77-2	0.36	0.00	0.36	0.24	86.60	ppb
Selenium	78-2	-0.12	-0.87	-0.08	-0.36		ppb
Silicon	28-1	103.24	106.31	105.31	104.95	1.49	ppb
Silver	107-1	0.09	0.07	0.04	0.07	34.79	ppb
Silver	109-1	0.09	0.09	0.05	0.08	32.33	ppb
Sodium	23-2	177.87	179.55	179.29	178.90	0.51	ppb
Strontium	86-1	0.01	0.17	0.00	0.06	167.08	ppb
Strontium	88-1	0.01	0.11	0.01	0.05	121.11	ppb
Sulfur	34-1	-493.90	-230.78	-282.78	-335.82		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.02	0.03	7.92	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	5.24	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	991.18	1008.44	996.92	998.85	0.88	ppb
Titanium	47-1	234.69	239.77	236.45	236.97	1.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.78	ppb
Vanadium	51-2	0.02	0.04	0.04	0.03	22.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.35	0.28	0.37	0.34	13.95	ppb
Zirconium	90-1	0.92	0.93	0.92	0.92	0.90	ppb
Zirconium	91-1	0.89	0.92	0.95	0.92	3.42	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	0.70	0.67	0.66	6.48	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	10.04	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	17.09	ppb
Barium	135-1	0.10	0.14	0.12	0.12	18.32	ppb
Barium	137-1	0.12	0.13	0.12	0.12	2.82	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	91.69	ppb
Bismuth	209-1				137		%
Bismuth	209-2				127		%
Boron	10-1	7.59	6.97	7.66	7.41	5.17	ppb
Boron	11-1	7.54	7.90	7.66	7.70	2.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.01	0.00	0.01	307.18	ppb
Cadmium	106-1	-0.45	-2.74	-1.15	-1.44		ppb
Cadmium	108-1	0.13	0.00	-0.04	0.03	321.21	ppb
Calcium	43-1	32202.35	33125.37	32403.68	32577.13	1.49	ppb
Calcium	44-1	30670.92	31430.85	30665.74	30922.50	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.27	-0.27	-0.26	-0.27		ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	37.98	ppb
Copper	63-2	0.02	0.03	-0.02	0.01	398.89	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				141		%
Holmium	165-2				128		%
Indium	115-1				139		%
Indium	115-2				129		%
Iron	56-2	-0.28	-0.29	-0.28	-0.28		ppb
Iron	57-2	118.13	122.44	122.11	120.89	1.99	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-7.88	-8.36	-8.02	-8.08		ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.36	0.36	0.36	1.68	ppb
Lead	207-1	0.31	0.35	0.36	0.34	7.60	ppb
Lead	208-1	0.34	0.34	0.34	0.34	0.60	ppb
Lithium	6-1				139		%
Magnesium	24-2	12508.11	12837.85	12950.73	12765.57	1.80	ppb
Manganese	55-2	0.03	0.03	0.01	0.03	44.93	ppb
Molybdenum	94-1	0.02	-0.01	0.02	0.01	130.69	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	16.07	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	32.03	ppb
Molybdenum	97-1	0.03	0.06	0.05	0.04	38.07	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.05	0.05	8.09	ppb
Phosphorus	31-2	-25.64	-27.19	-27.35	-26.73		ppb
Potassium	39-2	10895.25	11111.92	11176.30	11061.15	1.33	ppb
Rhodium	103-1				136		%
Rhodium	103-2				126		%
Scandium	45-1				143		%
Scandium	45-2				131		%
Selenium	82-1	0.31	0.25	-0.05	0.17	115.09	ppb
Selenium	77-2	0.00	0.27	0.00	0.09	173.21	ppb
Selenium	78-2	-1.12	-1.93	-2.46	-1.83		ppb
Silicon	28-1	-2.02	-1.94	-2.12	-2.03		ppb
Silver	107-1	0.02	0.01	0.01	0.01	82.62	ppb
Silver	109-1	0.00	0.01	0.01	0.01	29.09	ppb
Sodium	23-2	66362.81	67007.00	67985.97	67118.59	1.22	ppb
Strontium	86-1	4.17	4.38	4.67	4.41	5.80	ppb
Strontium	88-1	4.30	4.46	4.54	4.43	2.72	ppb
Sulfur	34-1	-2681.31	-2206.59	-1921.77	-2269.89		ppb
Terbium	159-1				141		%
Terbium	159-2				130		%
Thallium	203-1	0.21	0.19	0.17	0.19	10.70	ppb
Thallium	205-1	0.22	0.17	0.16	0.18	15.68	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.07	-0.07	-0.07	-0.07		ppb
Titanium	47-1	0.03	0.00	0.02	0.02	71.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	62.90	ppb
Yttrium	89-1				144		%
Yttrium	89-2				131		%
Zinc	66-2	0.25	0.26	0.22	0.24	7.05	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2890.49	2894.48	2903.00	2895.99	0.22	ppb
Antimony	121-1	940.56	900.16	900.95	913.89	2.53	ppb
Arsenic	75-2	782.86	785.85	778.72	782.48	0.46	ppb
Barium	135-1	1846.99	1750.04	1769.44	1788.82	2.87	ppb
Barium	137-1	1841.48	1773.35	1745.98	1786.94	2.75	ppb
Beryllium	9-1	240.37	238.77	234.42	237.85	1.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	579.54	599.34	599.09	592.66	1.92	ppb
Boron	11-1	585.35	595.83	616.02	599.07	2.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	614.65	591.14	595.78	600.52	2.07	ppb
Cadmium	106-1	474.09	459.98	456.63	463.57	2.00	ppb
Cadmium	108-1	494.11	472.26	470.14	478.84	2.77	ppb
Calcium	43-1	201.30	196.89	175.13	191.11	7.33	ppb
Calcium	44-1	-20.60	-22.21	-24.76	-22.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351.42	352.38	355.48	353.09	0.60	ppb
Cobalt	59-2	897.20	911.20	903.20	903.86	0.78	ppb
Copper	63-2	691.07	690.92	692.21	691.40	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	3626.64	3613.56	3621.73	3620.64	0.18	ppb
Iron	57-2	3571.67	3603.53	3611.06	3595.42	0.58	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3931.19	3921.95	3932.58	3928.57	0.15	ppb
Krypton	83-1						cps
Lead	206-1	1149.32	1093.87	1077.43	1106.87	3.40	ppb
Lead	207-1	1098.21	1053.76	1023.48	1058.48	3.55	ppb
Lead	208-1	1163.05	1108.31	1081.02	1117.46	3.74	ppb
Lithium	6-1				94		%
Magnesium	24-2	-0.08	-0.20	0.03	-0.08		ppb
Manganese	55-2	1320.51	1335.20	1352.96	1336.22	1.22	ppb
Molybdenum	94-1	250.61	242.78	242.61	245.33	1.86	ppb
Molybdenum	95-1	302.97	292.74	294.82	296.84	1.82	ppb
Molybdenum	96-1	298.89	286.75	286.23	290.63	2.47	ppb
Molybdenum	97-1	305.75	295.75	294.76	298.75	2.03	ppb
Molybdenum	98-1	314.41	304.57	304.78	307.92	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1106.54	1121.92	1120.56	1116.34	0.76	ppb
Phosphorus	31-2	-7.85	-13.62	-4.99	-8.82		ppb
Potassium	39-2	0.58	1.70	-1.26	0.34	435.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	833.11	799.95	800.66	811.24	2.33	ppb
Selenium	77-2	794.08	787.33	765.41	782.27	1.92	ppb
Selenium	78-2	786.99	776.94	780.73	781.55	0.65	ppb
Silicon	28-1	7.11	6.47	6.35	6.65	6.11	ppb
Silver	107-1	881.10	844.78	837.47	854.45	2.73	ppb
Silver	109-1	898.59	839.78	850.48	862.95	3.63	ppb
Sodium	23-2	43.75	43.48	43.42	43.55	0.40	ppb
Strontium	86-1	360.50	345.81	346.35	350.89	2.37	ppb
Strontium	88-1	371.91	363.98	363.91	366.60	1.25	ppb
Sulfur	34-1	11.65	-387.48	-406.07	-260.63		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	285.75	273.26	271.01	276.67	2.87	ppb
Thallium	205-1	282.59	267.15	263.52	271.09	3.74	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.00	0.02	0.01	91.21	ppb
Titanium	47-1	0.13	0.08	0.09	0.10	27.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.50	ppb
Vanadium	51-2	1151.22	1142.75	1155.60	1149.86	0.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	500.62	501.43	506.69	502.91	0.66	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	9.78	ppb
Zirconium	91-1	0.36	0.33	0.39	0.36	8.12	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.29	56.30	56.94	56.51	0.66	ppb
Antimony	121-1	0.51	0.52	0.57	0.53	5.72	ppb
Arsenic	75-2	0.08	0.15	0.04	0.09	57.54	ppb
Barium	135-1	0.36	0.21	0.20	0.26	36.31	ppb
Barium	137-1	0.37	0.23	0.18	0.26	38.68	ppb
Beryllium	9-1	0.17	0.10	0.08	0.12	37.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	103.09	105.28	102.65	103.67	1.36	ppb
Boron	11-1	105.70	108.93	107.55	107.39	1.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.04	0.06	0.06	35.41	ppb
Cadmium	106-1	0.09	-0.27	-0.01	-0.07		ppb
Cadmium	108-1	0.20	0.12	0.13	0.15	29.86	ppb
Calcium	43-1	2.79	2.99	2.24	2.67	14.62	ppb
Calcium	44-1	10.42	10.78	11.18	10.79	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.02	0.03	26.01	ppb
Cobalt	59-2	0.06	0.04	0.06	0.05	18.96	ppb
Copper	63-2	0.14	0.09	0.13	0.12	20.56	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				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	1.40	1.38	1.34	1.37	2.21	ppb
Iron	57-2	2.05	1.62	1.30	1.66	22.71	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.67	0.78	0.85	0.77	11.26	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.18	0.16	0.19	19.24	ppb
Lead	207-1	0.21	0.18	0.17	0.19	10.64	ppb
Lead	208-1	0.23	0.19	0.17	0.20	15.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.33	0.45	0.43	0.40	16.46	ppb
Manganese	55-2	0.08	0.07	0.08	0.08	7.74	ppb
Molybdenum	94-1	1.53	1.69	1.55	1.59	5.34	ppb
Molybdenum	95-1	0.11	0.07	0.04	0.07	52.10	ppb
Molybdenum	96-1	0.26	0.20	0.22	0.22	12.58	ppb
Molybdenum	97-1	0.08	0.08	0.05	0.07	24.45	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	14.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.22	0.16	0.19	16.47	ppb
Phosphorus	31-2	-12.10	-12.06	-2.00	-8.72		ppb
Potassium	39-2	1.93	0.99	1.58	1.50	31.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.53	0.17	0.02	0.24	109.29	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	0.44	-0.59	-0.37		ppb
Silicon	28-1	101.71	106.13	102.83	103.56	2.22	ppb
Silver	107-1	0.23	0.15	0.09	0.16	45.77	ppb
Silver	109-1	0.24	0.15	0.09	0.16	45.62	ppb
Sodium	23-2	182.79	182.25	185.08	183.37	0.82	ppb
Strontium	86-1	0.07	0.02	0.01	0.03	86.65	ppb
Strontium	88-1	0.07	0.04	0.04	0.05	35.62	ppb
Sulfur	34-1	-656.33	-491.16	-760.71	-636.07		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.04	0.05	26.01	ppb
Thallium	205-1	0.06	0.04	0.03	0.05	26.90	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	970.63	1000.02	1001.43	990.69	1.76	ppb
Titanium	47-1	231.41	240.03	232.00	234.48	2.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.45	ppb
Vanadium	51-2	0.03	0.05	0.05	0.05	24.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.37	0.20	0.30	0.29	28.05	ppb
Zirconium	90-1	0.82	0.87	0.87	0.85	2.91	ppb
Zirconium	91-1	0.87	0.89	0.88	0.88	1.62	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.01	-0.05	0.03	292.69	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	10.74	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	314.47	ppb
Barium	135-1	0.11	0.12	0.14	0.12	14.51	ppb
Barium	137-1	0.11	0.12	0.12	0.12	4.47	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	34.09	ppb
Bismuth	209-1				139		%
Bismuth	209-2				126		%
Boron	10-1	10.70	10.32	10.99	10.67	3.15	ppb
Boron	11-1	11.07	11.03	11.32	11.14	1.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.03	0.02	0.02	95.84	ppb
Cadmium	106-1	-2.97	-1.86	-0.65	-1.83		ppb
Cadmium	108-1	-0.07	-0.04	-0.02	-0.04		ppb
Calcium	43-1	31321.80	32617.68	32200.20	32046.56	2.06	ppb
Calcium	44-1	30583.78	31405.22	30632.44	30873.81	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.28	-0.27	-0.26	-0.27		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	18.12	ppb
Copper	63-2	0.01	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				144		%
Holmium	165-2				129		%
Indium	115-1				138		%
Indium	115-2				128		%
Iron	56-2	-0.53	-0.54	-0.44	-0.50		ppb
Iron	57-2	118.00	123.19	123.06	121.42	2.44	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-8.41	-8.30	-8.53	-8.42		ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.36	0.36	0.37	3.19	ppb
Lead	207-1	0.36	0.36	0.36	0.36	0.82	ppb
Lead	208-1	0.35	0.34	0.33	0.34	2.96	ppb
Lithium	6-1				140		%
Magnesium	24-2	12826.86	12685.89	12835.17	12782.64	0.66	ppb
Manganese	55-2	0.03	0.03	0.00	0.02	83.27	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	50.18	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	26.64	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	28.05	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	35.01	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.06	0.07	14.20	ppb
Phosphorus	31-2	-33.54	-25.54	-28.11	-29.07		ppb
Potassium	39-2	10943.53	10962.60	11014.19	10973.44	0.33	ppb
Rhodium	103-1				135		%
Rhodium	103-2				123		%
Scandium	45-1				144		%
Scandium	45-2				130		%
Selenium	82-1	0.00	0.06	-0.07	0.00		ppb
Selenium	77-2	0.27	0.00	0.28	0.19	86.65	ppb
Selenium	78-2	-0.05	-0.78	-1.64	-0.82		ppb
Silicon	28-1	-2.00	-2.12	-2.11	-2.08		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.64	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.07	ppb
Sodium	23-2	67524.10	66315.03	68930.24	67589.79	1.94	ppb
Strontium	86-1	4.40	4.37	4.53	4.43	2.00	ppb
Strontium	88-1	4.32	4.47	4.53	4.44	2.45	ppb
Sulfur	34-1	-2920.23	-2410.30	-2084.29	-2471.61		ppb
Terbium	159-1				141		%
Terbium	159-2				129		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.44	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	7.23	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.16	0.03	-0.02	0.06	160.02	ppb
Titanium	47-1	0.07	0.06	0.03	0.05	34.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	32.44	ppb
Yttrium	89-1				143		%
Yttrium	89-2				129		%
Zinc	66-2	0.15	0.22	0.28	0.22	28.56	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1461.39	1470.63	1443.81	1458.61	0.93	ppb
Antimony	121-1	437.12	435.52	448.09	440.24	1.55	ppb
Arsenic	75-2	396.50	400.01	393.07	396.53	0.88	ppb
Barium	135-1	771.99	769.42	778.54	773.32	0.61	ppb
Barium	137-1	833.06	865.58	843.13	847.26	1.97	ppb
Beryllium	9-1	114.20	115.34	118.21	115.92	1.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	268.19	284.57	301.85	284.87	5.91	ppb
Boron	11-1	281.08	302.25	314.33	299.22	5.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	290.29	288.84	291.98	290.37	0.54	ppb
Cadmium	106-1	218.89	223.02	221.69	221.20	0.95	ppb
Cadmium	108-1	236.26	236.45	232.66	235.12	0.91	ppb
Calcium	43-1	99.15	96.21	96.20	97.19	1.75	ppb
Calcium	44-1	-4.83	-6.99	-7.52	-6.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177.97	176.50	174.08	176.18	1.12	ppb
Cobalt	59-2	444.34	446.32	443.15	444.60	0.36	ppb
Copper	63-2	325.99	323.22	321.39	323.53	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	1827.11	1828.82	1805.00	1820.31	0.73	ppb
Iron	57-2	1834.97	1805.03	1797.02	1812.34	1.10	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1978.40	1951.58	1938.57	1956.18	1.04	ppb
Krypton	83-1						cps
Lead	206-1	525.58	545.95	528.01	533.18	2.09	ppb
Lead	207-1	510.87	505.87	508.79	508.51	0.49	ppb
Lead	208-1	538.12	539.64	541.90	539.89	0.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.14	0.45	-0.08	0.17	158.79	ppb
Manganese	55-2	666.52	664.65	654.23	661.80	1.00	ppb
Molybdenum	94-1	121.15	119.34	118.60	119.70	1.10	ppb
Molybdenum	95-1	146.66	145.28	143.40	145.11	1.13	ppb
Molybdenum	96-1	143.52	141.89	140.89	142.10	0.93	ppb
Molybdenum	97-1	147.72	146.91	144.68	146.44	1.08	ppb
Molybdenum	98-1	146.93	145.27	144.66	145.62	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.04	558.64	548.89	556.86	1.30	ppb
Phosphorus	31-2	-13.62	-13.71	-4.65	-10.66		ppb
Potassium	39-2	4.69	4.81	-0.39	3.04	97.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	403.70	394.66	392.09	396.82	1.54	ppb
Selenium	77-2	393.59	396.03	382.38	390.67	1.86	ppb
Selenium	78-2	407.25	391.60	392.48	397.11	2.21	ppb
Silicon	28-1	3.29	3.33	3.46	3.36	2.70	ppb
Silver	107-1	415.81	421.98	417.13	418.30	0.78	ppb
Silver	109-1	422.91	423.98	419.50	422.13	0.55	ppb
Sodium	23-2	41.82	41.11	38.57	40.50	4.21	ppb
Strontium	86-1	172.23	171.87	168.63	170.91	1.16	ppb
Strontium	88-1	180.66	177.74	175.99	178.13	1.32	ppb
Sulfur	34-1	364.44	165.01	99.00	209.49	65.97	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	113.88	114.22	114.38	114.16	0.22	ppb
Thallium	205-1	130.83	130.56	132.63	131.34	0.86	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.03	0.02	0.01	0.02	60.94	ppb
Titanium	47-1	0.14	0.11	0.16	0.14	20.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.87	ppb
Vanadium	51-2	569.13	569.47	556.92	565.17	1.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	257.89	252.14	251.29	253.77	1.41	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.18	ppb
Zirconium	91-1	0.16	0.16	0.17	0.16	5.84	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1460.46	1461.37	1451.21	1457.68	0.39	ppb
Antimony	121-1	435.98	442.98	446.99	441.98	1.26	ppb
Arsenic	75-2	392.07	397.81	388.59	392.82	1.19	ppb
Barium	135-1	766.17	783.85	799.74	783.26	2.14	ppb
Barium	137-1	837.47	862.48	874.82	858.25	2.22	ppb
Beryllium	9-1	115.66	114.56	114.04	114.76	0.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	284.17	297.80	301.56	294.51	3.11	ppb
Boron	11-1	298.98	311.40	315.24	308.54	2.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	288.30	293.49	297.72	293.17	1.61	ppb
Cadmium	106-1	223.75	229.07	227.93	226.92	1.24	ppb
Cadmium	108-1	233.50	233.55	239.20	235.42	1.39	ppb
Calcium	43-1	100.25	98.48	100.16	99.63	1.00	ppb
Calcium	44-1	-10.87	-11.08	-11.12	-11.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	178.89	180.05	176.33	178.42	1.07	ppb
Cobalt	59-2	455.96	454.02	445.71	451.90	1.21	ppb
Copper	63-2	326.16	327.97	324.18	326.10	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	1813.60	1826.24	1817.91	1819.25	0.35	ppb
Iron	57-2	1815.32	1826.80	1793.29	1811.80	0.94	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1967.55	1998.72	1955.65	1973.97	1.13	ppb
Krypton	83-1						cps
Lead	206-1	529.79	543.14	538.45	537.12	1.26	ppb
Lead	207-1	515.25	512.43	524.61	517.43	1.23	ppb
Lead	208-1	544.87	546.68	552.53	548.03	0.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.05	-0.23	-0.13	-0.10		ppb
Manganese	55-2	665.24	667.97	659.56	664.26	0.65	ppb
Molybdenum	94-1	119.79	119.60	121.02	120.14	0.64	ppb
Molybdenum	95-1	144.51	144.39	147.28	145.39	1.12	ppb
Molybdenum	96-1	142.58	142.44	144.65	143.22	0.86	ppb
Molybdenum	97-1	147.13	145.92	148.57	147.20	0.90	ppb
Molybdenum	98-1	146.10	146.47	148.32	146.97	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.22	563.83	557.65	561.57	0.61	ppb
Phosphorus	31-2	-15.20	-3.29	-15.51	-11.33		ppb
Potassium	39-2	-2.01	0.99	0.68	-0.11		ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	396.89	398.15	401.41	398.82	0.59	ppb
Selenium	77-2	369.20	394.31	376.35	379.95	3.40	ppb
Selenium	78-2	381.89	388.78	386.30	385.66	0.91	ppb
Silicon	28-1	3.06	3.15	3.23	3.14	2.65	ppb
Silver	107-1	412.80	416.60	423.72	417.71	1.33	ppb
Silver	109-1	423.01	419.70	430.75	424.49	1.34	ppb
Sodium	23-2	30.24	32.49	29.51	30.75	5.06	ppb
Strontium	86-1	172.79	171.60	173.50	172.63	0.56	ppb
Strontium	88-1	181.06	182.46	186.07	183.20	1.41	ppb
Sulfur	34-1	-246.55	-266.09	-315.16	-275.94		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	115.41	115.68	117.50	116.20	0.98	ppb
Thallium	205-1	131.17	131.24	133.35	131.92	0.94	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.04	0.03	0.03	28.94	ppb
Titanium	47-1	0.08	0.13	0.09	0.10	27.00	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.63	ppb
Vanadium	51-2	571.83	572.24	563.11	569.06	0.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	255.41	254.60	251.36	253.79	0.84	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.41	ppb
Zirconium	91-1	0.18	0.16	0.15	0.16	9.35	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.81	0.53	0.65	0.66	20.58	ppb
Antimony	121-1	0.35	0.34	0.34	0.34	1.66	ppb
Arsenic	75-2	0.11	0.11	0.04	0.09	43.62	ppb
Barium	135-1	0.29	0.20	0.14	0.21	37.14	ppb
Barium	137-1	0.27	0.17	0.12	0.19	40.96	ppb
Beryllium	9-1	0.10	0.10	0.07	0.09	19.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	22.28	20.48	18.00	20.25	10.63	ppb
Boron	11-1	23.01	21.57	19.57	21.38	8.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.07	0.05	0.07	33.48	ppb
Cadmium	106-1	0.32	-0.23	0.16	0.08	341.64	ppb
Cadmium	108-1	0.06	0.06	0.09	0.07	25.51	ppb
Calcium	43-1	6556.49	6439.84	6594.33	6530.22	1.23	ppb
Calcium	44-1	6314.62	6290.00	6195.25	6266.62	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.04	-0.06	-0.05		ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	21.51	ppb
Copper	63-2	0.13	0.14	0.12	0.13	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	0.34	0.60	0.65	0.53	30.73	ppb
Iron	57-2	24.34	22.84	27.30	24.83	9.14	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.18	-1.56	-1.92	-1.89		ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.16	0.14	0.17	26.90	ppb
Lead	207-1	0.21	0.16	0.12	0.16	26.96	ppb
Lead	208-1	0.21	0.15	0.12	0.16	27.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	2543.25	2548.00	2588.05	2559.77	0.96	ppb
Manganese	55-2	0.42	0.43	0.49	0.45	7.99	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	22.24	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	15.02	ppb
Molybdenum	96-1	0.07	0.04	0.03	0.05	41.02	ppb
Molybdenum	97-1	0.07	0.03	0.04	0.05	50.71	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	25.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.05	0.07	0.07	30.40	ppb
Phosphorus	31-2	-17.37	-14.81	-14.57	-15.58		ppb
Potassium	39-2	2245.73	2248.93	2271.14	2255.27	0.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.35	0.44	0.18	0.32	40.04	ppb
Selenium	77-2	0.00	0.36	0.35	0.24	86.61	ppb
Selenium	78-2	-0.15	-0.67	0.36	-0.16		ppb
Silicon	28-1	-0.51	-0.60	-0.54	-0.55		ppb
Silver	107-1	0.22	0.14	0.12	0.16	32.06	ppb
Silver	109-1	0.19	0.15	0.11	0.15	25.79	ppb
Sodium	23-2	13208.23	13077.23	13106.29	13130.58	0.52	ppb
Strontium	86-1	0.94	0.92	0.97	0.94	2.55	ppb
Strontium	88-1	0.92	0.92	0.96	0.93	2.67	ppb
Sulfur	34-1	-673.19	-694.05	-417.04	-594.76		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.03	0.04	21.25	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	31.22	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.08	0.10	0.10	0.09	13.01	ppb
Titanium	47-1	0.05	0.04	0.05	0.04	7.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.82	ppb
Vanadium	51-2	0.05	0.03	0.04	0.04	26.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.49	1.55	1.55	1.53	2.30	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	265.02	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	53.15	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50530.39	50019.82	49335.62	49961.95	1.20	ppb
Antimony	121-1	469.38	481.70	481.62	477.57	1.48	ppb
Arsenic	75-2	500.50	485.36	472.26	486.04	2.91	ppb
Barium	135-1	2413.46	2444.30	2416.28	2424.68	0.70	ppb
Barium	137-1	2387.45	2416.79	2431.45	2411.90	0.93	ppb
Beryllium	9-1	484.35	489.32	498.98	490.88	1.52	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	474.01	502.24	520.03	498.76	4.65	ppb
Boron	11-1	483.66	509.13	521.41	504.73	3.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	485.39	489.18	492.59	489.05	0.74	ppb
Cadmium	106-1	496.11	496.19	495.00	495.76	0.13	ppb
Cadmium	108-1	485.06	496.20	499.34	493.53	1.52	ppb
Calcium	43-1	240220.07	250579.09	247988.72	246262.62	2.19	ppb
Calcium	44-1	236262.70	243764.96	240663.09	240230.25	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.66	484.70	478.66	482.67	0.72	ppb
Cobalt	59-2	503.90	504.87	500.03	502.93	0.51	ppb
Copper	63-2	4989.50	4911.18	4882.22	4927.64	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	125538.14	126690.95	122673.88	124967.65	1.66	ppb
Iron	57-2	124488.90	126368.47	122713.62	124523.66	1.47	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127006.62	126464.36	123968.92	125813.30	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2437.42	2486.15	2448.90	2457.49	1.04	ppb
Lead	207-1	2423.09	2467.75	2476.99	2455.94	1.17	ppb
Lead	208-1	2426.01	2461.30	2455.38	2447.56	0.77	ppb
Lithium	6-1				89		%
Magnesium	24-2	246516.30	249030.34	247907.91	247818.18	0.51	ppb
Manganese	55-2	4902.31	4881.08	4774.46	4852.62	1.41	ppb
Molybdenum	94-1	4848.81	4911.51	4961.17	4907.16	1.15	ppb
Molybdenum	95-1	4812.31	4856.68	4979.09	4882.69	1.77	ppb
Molybdenum	96-1	4776.40	4872.56	4873.04	4840.67	1.15	ppb
Molybdenum	97-1	4717.74	4934.73	4925.01	4859.16	2.52	ppb
Molybdenum	98-1	4791.81	4880.01	4951.44	4874.42	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.09	493.86	484.04	490.33	1.11	ppb
Phosphorus	31-2	9721.02	9746.00	9550.66	9672.56	1.10	ppb
Potassium	39-2	122525.57	122018.24	121842.05	122128.62	0.29	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	485.23	498.42	499.31	494.32	1.60	ppb
Selenium	77-2	518.09	477.66	475.80	490.52	4.87	ppb
Selenium	78-2	498.78	494.55	477.50	490.28	2.30	ppb
Silicon	28-1	540.30	542.35	538.73	540.46	0.34	ppb
Silver	107-1	460.10	472.41	461.47	464.66	1.45	ppb
Silver	109-1	458.56	471.74	472.00	467.43	1.64	ppb
Sodium	23-2	253487.61	252923.28	243744.80	250051.90	2.19	ppb
Strontium	86-1	11975.75	12303.10	12251.40	12176.75	1.45	ppb
Strontium	88-1	11763.24	12163.33	12127.20	12017.92	1.84	ppb
Sulfur	34-1	9931.85	10213.71	9992.30	10045.95	1.48	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	510.73	496.74	510.79	506.09	1.60	ppb
Thallium	205-1	490.86	495.56	489.70	492.04	0.63	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	473.41	488.17	484.34	481.98	1.59	ppb
Titanium	47-1	4817.56	4962.76	4888.51	4889.61	1.48	ppb
Uranium	238-1	499.43	508.63	505.28	504.45	0.92	ppb
Vanadium	51-2	494.21	493.69	486.55	491.48	0.87	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	4959.54	4966.01	4858.49	4928.01	1.22	ppb
Zirconium	90-1	483.52	494.02	494.20	490.58	1.25	ppb
Zirconium	91-1	465.39	480.07	478.43	474.63	1.69	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.68	2.60	2.76	2.68	3.15	ppb
Antimony	121-1	0.14	0.15	0.19	0.16	16.60	ppb
Arsenic	75-2	0.02	0.03	0.03	0.03	28.42	ppb
Barium	135-1	0.03	0.02	0.01	0.02	35.67	ppb
Barium	137-1	0.02	0.02	0.02	0.02	14.80	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	8.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	10.49	10.05	9.94	10.16	2.83	ppb
Boron	11-1	11.03	10.29	10.23	10.52	4.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-2.41	-1.83	-0.83	-1.69		ppb
Cadmium	108-1	0.01	0.09	0.04	0.05	87.72	ppb
Calcium	43-1	4.32	3.44	1.42	3.06	48.58	ppb
Calcium	44-1	0.53	1.26	0.53	0.77	54.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.03	0.00	590.66	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	22.40	ppb
Copper	63-2	0.10	0.12	0.13	0.12	14.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2.12	2.46	2.41	2.33	7.85	ppb
Iron	57-2	4.14	1.91	2.31	2.79	42.67	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.35	2.44	2.15	2.98	40.22	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	13.94	ppb
Lead	207-1	0.05	0.05	0.06	0.05	5.89	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.79	3.51	3.39	3.23	12.06	ppb
Manganese	55-2	0.06	0.07	0.07	0.07	7.98	ppb
Molybdenum	94-1	0.10	0.10	0.12	0.11	10.34	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	2.47	ppb
Molybdenum	96-1	0.10	0.08	0.11	0.10	15.65	ppb
Molybdenum	97-1	0.13	0.09	0.11	0.11	16.28	ppb
Molybdenum	98-1	0.11	0.09	0.08	0.09	17.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.03	0.01	140.14	ppb
Phosphorus	31-2	-10.72	-11.56	-12.90	-11.73		ppb
Potassium	39-2	9.62	4.15	6.66	6.81	40.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.15	0.22	0.34	0.14	183.91	ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	0.37	-0.36	-2.11	-0.70		ppb
Silicon	28-1	0.18	0.10	-0.04	0.08	135.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.26	ppb
Silver	109-1	0.02	0.03	0.02	0.02	23.00	ppb
Sodium	23-2	26.69	27.87	28.82	27.79	3.84	ppb
Strontium	86-1	0.13	0.08	0.14	0.12	25.46	ppb
Strontium	88-1	0.12	0.11	0.13	0.12	11.07	ppb
Sulfur	34-1	-303.87	-243.55	-314.63	-287.35		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.16	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.83	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.01	0.01	0.01	49.45	ppb
Titanium	47-1	0.11	0.09	0.11	0.10	8.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.16	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.06	0.10	0.08	0.04	215.42	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	24.11	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	24.48	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.77	0.78	0.68	22.80	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	26.76	ppb
Arsenic	75-2	-0.01	-0.01	0.04	0.01	366.32	ppb
Barium	135-1	0.06	0.04	0.04	0.05	24.64	ppb
Barium	137-1	0.06	0.06	0.07	0.06	8.64	ppb
Beryllium	9-1	0.05	0.01	0.03	0.03	58.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	5.52	5.99	6.01	5.84	4.71	ppb
Boron	11-1	6.03	6.21	6.08	6.11	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	-0.01	0.01	0.01	175.91	ppb
Cadmium	106-1	0.86	-0.84	-0.75	-0.24		ppb
Cadmium	108-1	0.08	0.02	-0.03	0.02	210.02	ppb
Calcium	43-1	16341.01	16158.75	15924.86	16141.54	1.29	ppb
Calcium	44-1	15391.86	15470.25	15364.28	15408.80	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.17	-0.14	-0.15		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	41.64	ppb
Copper	63-2	0.01	0.00	0.02	0.01	88.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	0.49	0.46	0.48	0.47	3.28	ppb
Iron	57-2	58.95	60.35	58.63	59.31	1.54	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-3.71	-3.90	-3.66	-3.76		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.12	0.12	2.56	ppb
Lead	207-1	0.09	0.11	0.11	0.10	11.61	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.98	ppb
Lithium	6-1				107		%
Magnesium	24-2	6418.60	6208.96	6366.33	6331.30	1.72	ppb
Manganese	55-2	0.02	0.04	0.02	0.02	43.91	ppb
Molybdenum	94-1	0.04	0.02	0.03	0.03	42.19	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	18.28	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	32.37	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	3.20	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	33.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.04	0.07	0.06	25.79	ppb
Phosphorus	31-2	-20.73	-10.50	-21.31	-17.51		ppb
Potassium	39-2	5389.00	5386.98	5395.30	5390.43	0.08	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	-0.17	0.32	0.05	0.07	356.37	ppb
Selenium	77-2	0.00	0.33	0.00	0.11	173.21	ppb
Selenium	78-2	-0.59	0.11	-0.31	-0.26		ppb
Silicon	28-1	-1.25	-1.21	-1.25	-1.24		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.39	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.00	ppb
Sodium	23-2	32953.02	32784.05	32725.52	32820.86	0.36	ppb
Strontium	86-1	2.15	2.26	2.37	2.26	4.86	ppb
Strontium	88-1	2.25	2.22	2.26	2.24	1.07	ppb
Sulfur	34-1	-828.44	-662.96	-550.15	-680.52		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.60	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	8.68	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.05	-0.07	-0.05	-0.06		ppb
Titanium	47-1	0.00	0.07	0.02	0.03	122.64	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.80	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	141.83	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	0.22	0.19	0.24	0.22	12.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	60.87	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.10	-0.07	-0.12		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.96	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	2.16	ppb
Barium	135-1	0.00	0.00	0.01	0.00	97.09	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	28.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	5.26	5.38	5.23	5.29	1.47	ppb
Boron	11-1	5.29	5.24	5.44	5.32	2.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	0.00	0.00	180.13	ppb
Cadmium	106-1	-0.34	0.59	-0.71	-0.15		ppb
Cadmium	108-1	-0.05	-0.02	0.07	0.00		ppb
Calcium	43-1	-1.79	-0.89	-0.77	-1.15		ppb
Calcium	44-1	-4.24	-3.10	-3.63	-3.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	93.04	ppb
Copper	63-2	0.01	0.04	0.02	0.02	79.16	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				103		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.56	0.40	0.33	0.43	27.69	ppb
Iron	57-2	-0.57	0.70	-0.39	-0.09		ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.95	0.49	0.30	0.58	57.24	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.02	0.03	48.32	ppb
Lead	207-1	0.04	0.03	0.03	0.03	10.26	ppb
Lead	208-1	0.03	0.04	0.03	0.03	10.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	0.06	-0.01	-0.04		ppb
Manganese	55-2	0.02	0.01	0.00	0.01	94.34	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	56.44	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	28.78	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	80.95	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	61.78	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	41.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.03	0.02	155.43	ppb
Phosphorus	31-2	-6.97	-6.39	-14.23	-9.19		ppb
Potassium	39-2	7.35	3.23	8.26	6.28	42.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.07	-0.18	0.11	0.00	111377.02	ppb
Selenium	77-2	0.36	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.13	0.83	0.91	0.54	107.23	ppb
Silicon	28-1	-0.46	-0.23	-0.37	-0.36		ppb
Silver	107-1	0.00	0.01	0.00	0.00	103.73	ppb
Silver	109-1	0.01	0.00	0.01	0.01	38.55	ppb
Sodium	23-2	20.78	19.20	19.77	19.92	4.01	ppb
Strontium	86-1	-0.02	0.00	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-229.77	191.09	0.34	-12.78		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.78	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	4.77	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	0.00	-0.02	-0.02		ppb
Titanium	47-1	-0.02	0.01	0.03	0.01	344.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	151.00	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.07	0.02	0.06	51.13	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	213.45	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	46.10	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9915.26	10032.60	9828.17	9925.34	1.03	ppb
Antimony	121-1	478.23	502.60	522.58	501.13	4.43	ppb
Arsenic	75-2	493.48	503.40	500.63	499.17	1.02	ppb
Barium	135-1	2385.10	2451.57	2540.18	2458.95	3.16	ppb
Barium	137-1	2358.89	2432.95	2535.93	2442.59	3.64	ppb
Beryllium	9-1	482.89	493.03	499.03	491.65	1.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	156.07	169.95	172.80	166.27	5.38	ppb
Boron	11-1	163.20	175.07	182.24	173.50	5.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.43	495.39	508.01	493.28	3.22	ppb
Cadmium	106-1	477.54	484.56	503.26	488.45	2.72	ppb
Cadmium	108-1	480.01	503.34	499.24	494.20	2.52	ppb
Calcium	43-1	55098.92	57586.54	58453.90	57046.45	3.05	ppb
Calcium	44-1	47911.19	48598.23	49636.54	48715.32	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.59	489.83	489.25	489.56	0.06	ppb
Cobalt	59-2	507.14	500.21	507.83	505.06	0.83	ppb
Copper	63-2	5160.16	5063.71	5076.54	5100.14	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	26444.78	26337.94	26397.19	26393.30	0.20	ppb
Iron	57-2	25812.78	25835.67	25957.69	25868.71	0.30	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26778.03	27265.38	26875.46	26972.96	0.96	ppb
Krypton	83-1						cps
Lead	206-1	2325.78	2394.71	2466.31	2395.60	2.93	ppb
Lead	207-1	2360.98	2439.93	2479.14	2426.68	2.48	ppb
Lead	208-1	2338.00	2423.00	2454.04	2405.01	2.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	51185.79	51777.60	51055.29	51339.56	0.75	ppb
Manganese	55-2	5077.60	4984.30	4938.40	5000.10	1.42	ppb
Molybdenum	94-1	4797.13	4989.19	4964.52	4916.95	2.13	ppb
Molybdenum	95-1	4699.26	5001.61	4989.92	4896.93	3.50	ppb
Molybdenum	96-1	4644.62	4947.35	4938.57	4843.51	3.56	ppb
Molybdenum	97-1	4722.37	4959.00	4967.46	4882.94	2.85	ppb
Molybdenum	98-1	4759.67	4911.85	4981.45	4884.32	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.71	503.94	504.59	503.42	0.30	ppb
Phosphorus	31-2	10079.57	10165.31	9943.75	10062.87	1.11	ppb
Potassium	39-2	24835.62	25385.32	25260.10	25160.35	1.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	474.78	498.45	499.74	490.99	2.86	ppb
Selenium	77-2	477.35	507.52	487.19	490.69	3.14	ppb
Selenium	78-2	496.64	495.39	486.83	492.95	1.08	ppb
Silicon	28-1	44.88	52.57	55.95	51.13	11.09	ppb
Silver	107-1	489.08	504.80	523.03	505.64	3.36	ppb
Silver	109-1	499.97	508.45	525.80	511.40	2.57	ppb
Sodium	23-2	50175.74	50954.31	49605.47	50245.18	1.35	ppb
Strontium	86-1	11699.03	12479.07	12458.62	12212.24	3.64	ppb
Strontium	88-1	11781.35	12335.65	12413.56	12176.85	2.83	ppb
Sulfur	34-1	9542.24	9922.12	10027.36	9830.57	2.60	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	473.21	487.98	507.42	489.54	3.50	ppb
Thallium	205-1	463.62	480.28	481.23	475.04	2.08	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	491.08	493.80	514.21	499.70	2.53	ppb
Titanium	47-1	4765.91	4877.85	4989.30	4877.69	2.29	ppb
Uranium	238-1	456.23	468.96	480.32	468.50	2.57	ppb
Vanadium	51-2	491.41	491.47	489.66	490.85	0.21	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	5203.43	5157.61	5152.32	5171.12	0.54	ppb
Zirconium	90-1	455.59	486.49	482.31	474.80	3.53	ppb
Zirconium	91-1	437.89	467.90	469.49	458.43	3.88	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.18	-0.13	0.04	436.60	ppb
Antimony	121-1	0.13	0.15	0.16	0.15	11.80	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	302.96	ppb
Barium	135-1	0.03	0.03	0.03	0.03	8.19	ppb
Barium	137-1	0.01	0.01	0.01	0.01	12.93	ppb
Beryllium	9-1	0.08	0.09	0.10	0.09	11.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.49	6.14	5.26	5.63	8.08	ppb
Boron	11-1	6.34	5.94	5.67	5.98	5.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-2.40	-2.49	-3.27	-2.72		ppb
Cadmium	108-1	0.04	0.10	0.04	0.06	56.44	ppb
Calcium	43-1	-0.02	-0.26	0.03	-0.09		ppb
Calcium	44-1	-1.13	-0.89	-1.83	-1.28		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	761.68	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	19.15	ppb
Copper	63-2	0.07	0.05	0.07	0.07	19.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.29	0.30	0.43	0.34	22.80	ppb
Iron	57-2	0.88	0.67	0.92	0.82	16.20	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.20	-0.43	0.04	-0.06		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	25.83	ppb
Lead	207-1	0.05	0.03	0.05	0.04	18.44	ppb
Lead	208-1	0.05	0.04	0.04	0.04	14.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.07	0.32	0.65	0.35	84.29	ppb
Manganese	55-2	0.05	0.03	0.05	0.04	24.44	ppb
Molybdenum	94-1	0.11	0.09	0.11	0.10	10.24	ppb
Molybdenum	95-1	0.12	0.11	0.08	0.10	21.29	ppb
Molybdenum	96-1	0.10	0.10	0.07	0.09	16.23	ppb
Molybdenum	97-1	0.13	0.08	0.08	0.09	28.18	ppb
Molybdenum	98-1	0.14	0.09	0.07	0.10	34.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.04	0.04	45.07	ppb
Phosphorus	31-2	-9.03	-11.98	-11.41	-10.80		ppb
Potassium	39-2	1.19	-0.46	3.63	1.46	141.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.57	0.08	0.16	0.27	97.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	0.04	-1.21	-0.08		ppb
Silicon	28-1	1.10	0.70	0.42	0.74	45.77	ppb
Silver	107-1	0.03	0.02	0.03	0.03	5.89	ppb
Silver	109-1	0.03	0.02	0.02	0.03	21.20	ppb
Sodium	23-2	18.71	19.80	18.66	19.06	3.37	ppb
Strontium	86-1	0.10	0.05	0.04	0.06	48.91	ppb
Strontium	88-1	0.11	0.07	0.06	0.08	34.36	ppb
Sulfur	34-1	-337.67	-265.45	-449.27	-350.80		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.45	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.24	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.12	0.04	0.06	0.07	56.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.56	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	150.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.08	-0.04	0.06	0.03	192.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.27	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	169.02	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10082.56	10169.32	10062.95	10104.94	0.56	ppb
Antimony	121-1	493.19	511.04	502.52	502.25	1.78	ppb
Arsenic	75-2	492.20	486.24	501.59	493.34	1.57	ppb
Barium	135-1	2489.16	2521.03	2499.84	2503.34	0.65	ppb
Barium	137-1	2467.48	2491.88	2486.37	2481.91	0.52	ppb
Beryllium	9-1	482.06	505.66	501.79	496.50	2.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	157.30	171.38	174.91	167.87	5.55	ppb
Boron	11-1	164.26	177.25	182.25	174.59	5.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	497.52	509.67	506.02	504.41	1.24	ppb
Cadmium	106-1	494.74	503.32	498.93	499.00	0.86	ppb
Cadmium	108-1	490.75	507.60	497.13	498.50	1.71	ppb
Calcium	43-1	58089.08	57522.63	57789.15	57800.28	0.49	ppb
Calcium	44-1	49940.87	48627.44	48822.67	49130.33	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.45	484.74	489.19	486.13	0.55	ppb
Cobalt	59-2	501.32	505.66	493.28	500.09	1.26	ppb
Copper	63-2	5099.22	5029.64	5074.34	5067.74	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	26284.05	26016.79	26151.65	26150.83	0.51	ppb
Iron	57-2	25678.59	25702.55	26022.49	25801.21	0.74	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26400.48	26647.52	26935.01	26661.00	1.00	ppb
Krypton	83-1						cps
Lead	206-1	2401.29	2465.10	2477.32	2447.90	1.67	ppb
Lead	207-1	2386.83	2502.86	2468.92	2452.87	2.43	ppb
Lead	208-1	2394.24	2455.96	2453.22	2434.47	1.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	51818.04	50925.46	50673.02	51138.84	1.18	ppb
Manganese	55-2	4958.55	4979.55	5004.21	4980.77	0.46	ppb
Molybdenum	94-1	4843.27	4951.43	4895.29	4896.67	1.10	ppb
Molybdenum	95-1	4868.60	5043.15	4907.93	4939.89	1.85	ppb
Molybdenum	96-1	4814.94	4988.10	4903.92	4902.32	1.77	ppb
Molybdenum	97-1	4828.97	4976.34	4951.24	4918.85	1.60	ppb
Molybdenum	98-1	4856.81	5002.49	4943.04	4934.11	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.59	499.63	498.37	499.20	0.14	ppb
Phosphorus	31-2	9980.99	10040.51	10290.77	10104.09	1.63	ppb
Potassium	39-2	25257.74	25025.89	25320.17	25201.27	0.62	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	487.97	503.97	500.25	497.40	1.68	ppb
Selenium	77-2	493.66	488.57	507.01	496.41	1.92	ppb
Selenium	78-2	515.47	504.16	509.08	509.57	1.11	ppb
Silicon	28-1	47.42	52.76	56.26	52.15	8.54	ppb
Silver	107-1	509.20	519.31	502.26	510.26	1.68	ppb
Silver	109-1	515.18	523.89	525.90	521.66	1.09	ppb
Sodium	23-2	50574.85	50674.86	50736.08	50661.93	0.16	ppb
Strontium	86-1	12091.73	12582.27	12378.27	12350.76	2.00	ppb
Strontium	88-1	12048.77	12464.08	12349.95	12287.60	1.75	ppb
Sulfur	34-1	9935.22	9750.81	9620.21	9768.74	1.62	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	484.30	498.33	496.59	493.07	1.55	ppb
Thallium	205-1	482.40	482.29	488.21	484.30	0.70	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	496.69	508.82	507.22	504.24	1.31	ppb
Titanium	47-1	5042.33	4956.75	4943.00	4980.69	1.08	ppb
Uranium	238-1	465.01	489.60	487.16	480.59	2.82	ppb
Vanadium	51-2	492.32	489.27	491.98	491.19	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5073.50	5158.77	5159.24	5130.50	0.96	ppb
Zirconium	90-1	474.42	486.12	475.82	478.79	1.33	ppb
Zirconium	91-1	452.70	468.56	463.54	461.60	1.76	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50841.20	49416.95	48920.36	49726.17	2.01	ppb
Antimony	121-1	470.78	480.77	482.14	477.90	1.30	ppb
Arsenic	75-2	489.05	494.47	476.48	486.66	1.90	ppb
Barium	135-1	2444.46	2477.74	2474.61	2465.60	0.75	ppb
Barium	137-1	2386.51	2415.30	2452.63	2418.14	1.37	ppb
Beryllium	9-1	481.16	489.28	498.78	489.74	1.80	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Boron	10-1	476.33	503.05	524.64	501.34	4.83	ppb
Boron	11-1	483.61	509.70	529.39	507.57	4.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.46	493.24	498.73	491.81	1.57	ppb
Cadmium	106-1	482.40	506.82	506.28	498.50	2.80	ppb
Cadmium	108-1	481.99	499.37	506.82	496.06	2.57	ppb
Calcium	43-1	243102.74	250453.54	248470.06	247342.11	1.54	ppb
Calcium	44-1	235867.19	244264.58	240419.27	240183.68	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.12	480.04	479.14	478.76	0.31	ppb
Cobalt	59-2	500.90	503.06	496.49	500.15	0.67	ppb
Copper	63-2	4935.21	4901.16	4829.66	4888.68	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	124729.15	122697.80	123850.40	123759.12	0.82	ppb
Iron	57-2	124771.04	126070.31	122985.45	124608.93	1.24	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124771.55	123606.78	123481.34	123953.22	0.57	ppb
Krypton	83-1						cps
Lead	206-1	2418.21	2461.04	2477.48	2452.24	1.25	ppb
Lead	207-1	2444.72	2469.45	2492.17	2468.78	0.96	ppb
Lead	208-1	2417.83	2459.86	2470.30	2449.33	1.13	ppb
Lithium	6-1				89		%
Magnesium	24-2	248644.46	247222.89	248219.43	248028.93	0.29	ppb
Manganese	55-2	4878.17	4791.76	4838.41	4836.11	0.89	ppb
Molybdenum	94-1	4833.80	4912.43	4938.38	4894.87	1.11	ppb
Molybdenum	95-1	4885.81	4927.20	4961.11	4924.71	0.77	ppb
Molybdenum	96-1	4914.11	4908.96	4931.32	4918.13	0.24	ppb
Molybdenum	97-1	4810.68	4944.21	5029.94	4928.28	2.24	ppb
Molybdenum	98-1	4820.90	4932.97	4943.09	4898.99	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.29	488.52	484.86	488.22	0.66	ppb
Phosphorus	31-2	9791.20	9824.75	9614.51	9743.49	1.16	ppb
Potassium	39-2	124844.23	125653.43	123973.32	124823.66	0.67	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	488.81	491.75	499.83	493.46	1.16	ppb
Selenium	77-2	496.39	525.73	475.26	499.13	5.08	ppb
Selenium	78-2	499.65	503.30	483.34	495.43	2.15	ppb
Silicon	28-1	526.27	542.49	539.65	536.14	1.62	ppb
Silver	107-1	463.94	466.99	482.23	471.05	2.08	ppb
Silver	109-1	466.53	469.20	480.28	472.00	1.54	ppb
Sodium	23-2	252536.09	247074.30	244579.58	248063.32	1.64	ppb
Strontium	86-1	12133.05	12316.31	12247.50	12232.29	0.76	ppb
Strontium	88-1	11921.73	12291.37	12178.11	12130.41	1.56	ppb
Sulfur	34-1	9419.76	9911.74	9622.72	9651.41	2.56	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	502.40	499.41	510.54	504.12	1.14	ppb
Thallium	205-1	488.19	494.52	494.02	492.24	0.71	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	476.38	494.36	489.52	486.76	1.91	ppb
Titanium	47-1	4783.15	4979.36	4876.73	4879.75	2.01	ppb
Uranium	238-1	498.85	506.83	510.31	505.33	1.16	ppb
Vanadium	51-2	487.95	486.33	488.01	487.43	0.20	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4885.43	4836.85	4789.89	4837.39	0.99	ppb
Zirconium	90-1	494.25	497.38	494.56	495.40	0.35	ppb
Zirconium	91-1	467.88	482.21	483.76	477.95	1.83	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.74	0.67	0.67	11.39	ppb
Antimony	121-1	0.12	0.15	0.15	0.14	14.20	ppb
Arsenic	75-2	0.03	0.03	-0.01	0.02	128.53	ppb
Barium	135-1	0.00	0.01	0.02	0.01	53.19	ppb
Barium	137-1	0.01	0.02	0.02	0.02	17.72	ppb
Beryllium	9-1	0.14	0.08	0.09	0.10	29.08	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	8.01	7.36	7.17	7.52	5.89	ppb
Boron	11-1	7.83	7.67	7.41	7.63	2.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-2.16	-2.30	-1.32	-1.93		ppb
Cadmium	108-1	0.10	-0.05	0.01	0.02	335.56	ppb
Calcium	43-1	1.07	0.33	-1.02	0.13	832.10	ppb
Calcium	44-1	-0.01	-0.62	-2.02	-0.89		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	53.21	ppb
Copper	63-2	0.07	0.08	0.08	0.08	9.44	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				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1.18	1.02	1.16	1.12	7.69	ppb
Iron	57-2	1.79	0.88	1.21	1.29	35.75	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.80	1.33	1.84	1.32	39.42	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	12.48	ppb
Lead	207-1	0.04	0.04	0.05	0.04	8.27	ppb
Lead	208-1	0.06	0.05	0.05	0.05	8.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.51	1.22	1.25	1.33	11.87	ppb
Manganese	55-2	0.07	0.04	0.05	0.05	30.17	ppb
Molybdenum	94-1	0.13	0.09	0.08	0.10	29.43	ppb
Molybdenum	95-1	0.12	0.09	0.09	0.10	20.22	ppb
Molybdenum	96-1	0.11	0.08	0.06	0.08	30.63	ppb
Molybdenum	97-1	0.11	0.09	0.09	0.10	12.45	ppb
Molybdenum	98-1	0.10	0.09	0.07	0.08	16.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.05	0.04	21.02	ppb
Phosphorus	31-2	-16.57	-16.20	-3.92	-12.23		ppb
Potassium	39-2	1.07	5.13	2.28	2.83	73.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.11	0.24	0.34	0.23	50.66	ppb
Selenium	77-2	0.00	0.00	0.36	0.12	173.21	ppb
Selenium	78-2	0.78	-0.24	-1.32	-0.26		ppb
Silicon	28-1	0.50	0.38	0.26	0.38	31.25	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.38	ppb
Silver	109-1	0.02	0.02	0.01	0.02	10.83	ppb
Sodium	23-2	25.92	26.99	24.62	25.84	4.58	ppb
Strontium	86-1	0.10	0.05	0.07	0.07	28.98	ppb
Strontium	88-1	0.09	0.07	0.06	0.07	20.34	ppb
Sulfur	34-1	-189.34	-242.34	-192.59	-208.09		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.77	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.20	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.08	0.06	0.05	0.06	24.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.34	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	72.34	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.03	0.05	0.20	0.10	97.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	7.70	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	29.06	ppb

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	70	113	102	27.73	cps
Antimony	121-1	50	27	37	38	30.98	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	10	3	27	13	90.16	cps
Barium	137-1	30	20	27	26	19.92	cps
Beryllium	9-1	73	87	50	70	26.51	cps
Bismuth	209-1	5555680	5543484	5588542	5562569	0.42	cps
Bismuth	209-2	3936278	3931595	3923790	3930554	0.16	cps
Boron	10-1	373	300	320	331	11.45	cps
Boron	11-1	1583	1527	1607	1572	2.62	cps
Bromine	81-1	35419	34985	35570	35325	0.86	cps
Bromine	81-2	83	93	67	81	16.60	cps
Cadmium	111-1	644	645	626	638	1.66	cps
Cadmium	106-1	6491	6295	6355	6380	1.58	cps
Cadmium	108-1	17	7	13	12	41.65	cps
Calcium	43-1	97	77	83	86	11.90	cps
Calcium	44-1	8605	8495	8855	8652	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	707	743	843	764	9.25	cps
Cobalt	59-2	27	67	47	47	42.85	cps
Copper	63-2	713	680	683	692	2.65	cps
Dysprosium	156-1	0	13	10	8	89.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	53	73	67	64	15.80	cps
Erbium	164-2	30	53	27	37	39.62	cps
Gadolinium	160-1	57	40	30	42	31.91	cps
Gadolinium	160-2	227	193	190	203	9.97	cps
Holmium	165-1	8202180	8338213	8369477	8303290	1.07	cps
Holmium	165-2	5319034	5330815	5300848	5316899	0.28	cps
Indium	115-1	6295310	6390704	6354259	6346757	0.76	cps
Indium	115-2	2101574	2084013	2112394	2099327	0.68	cps
Iron	56-2	8346	8129	8276	8250	1.34	cps
Iron	57-2	317	237	380	311	23.09	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1347	1383	1437	1389	3.26	cps
Krypton	83-1	103	93	77	91	14.78	cps
Lead	206-1	370	327	323	340	7.66	cps
Lead	207-1	313	320	277	303	7.69	cps
Lead	208-1	1419	1339	1349	1369	3.18	cps
Lithium	6-1	1791349	1838897	1796406	1808884	1.44	cps
Magnesium	24-2	517	483	453	484	6.54	cps
Manganese	55-2	117	80	77	91	24.36	cps
Molybdenum	94-1	117	113	143	124	13.22	cps
Molybdenum	95-1	37	53	43	44	18.87	cps
Molybdenum	96-1	77	80	117	91	24.36	cps
Molybdenum	97-1	13	30	20	21	39.75	cps
Molybdenum	98-1	67	87	53	69	24.36	cps
Neodymium	150-1	3	0	7	3	100.05	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	60	57	73	63	13.92	cps
Phosphorus	31-2	257	247	267	257	3.90	cps
Potassium	39-2	49922	49831	49380	49711	0.58	cps
Rhodium	103-1	5875206	5855117	5942035	5890786	0.77	cps
Rhodium	103-2	3236000	3237632	3274107	3249246	0.66	cps
Scandium	45-1	3829634	3877926	3898667	3868742	0.92	cps
Scandium	45-2	314934	312647	315733	314438	0.51	cps
Selenium	82-1	9	25	34	23	56.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	193	157	180	177	10.51	cps
Silicon	28-1	323430	324495	323828	323918	0.17	cps
Silver	107-1	70	87	73	77	11.51	cps
Silver	109-1	17	13	33	21	50.75	cps
Sodium	23-2	12051	12098	11881	12010	0.95	cps
Strontium	86-1	170	193	143	169	14.81	cps
Strontium	88-1	137	120	143	133	9.02	cps
Sulfur	34-1	207772	207434	206911	207372	0.21	cps
Terbium	159-1	8604711	8602851	8638753	8615438	0.23	cps
Terbium	159-2	5346600	5308727	5318473	5324600	0.37	cps
Thallium	203-1	47	63	87	66	30.65	cps
Thallium	205-1	187	183	153	174	10.52	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:17	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	613	640	690	648	6.01	cps
Titanium	47-1	103	53	73	77	32.83	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	14159542	14113554	14013737	14095611	0.53	cps
Yttrium	89-2	3298335	3326211	3316935	3313827	0.43	cps
Zinc	66-2	167	150	90	136	29.75	cps
Zirconium	90-1	413	357	370	380	7.80	cps
Zirconium	91-1	80	60	53	64	21.54	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3274	3437	3324	3345	2.50	cps
Antimony	121-1	9823	9830	10014	9889	1.09	cps
Arsenic	75-2	250	237	287	258	10.04	cps
Barium	135-1	14614	14070	14040	14242	2.27	cps
Barium	137-1	24661	24835	25590	25029	1.97	cps
Beryllium	9-1	1660	1770	1587	1672	5.52	cps
Bismuth	209-1	5575056	5529582	5498322	5534320	0.70	cps
Bismuth	209-2	3919753	3925226	3914758	3919912	0.13	cps
Boron	10-1	5194	5174	5224	5198	0.48	cps
Boron	11-1	21385	23227	23581	22731	5.19	cps
Bromine	81-1	35981	35720	36368	36023	0.91	cps
Bromine	81-2	70	87	70	76	12.74	cps
Cadmium	111-1	2032	1934	2187	2051	6.22	cps
Cadmium	106-1	6622	6665	6451	6579	1.71	cps
Cadmium	108-1	143	113	150	136	14.41	cps
Calcium	43-1	9590	9486	9316	9464	1.46	cps
Calcium	44-1	163962	165385	165504	164950	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5728	5508	5951	5729	3.87	cps
Cobalt	59-2	3707	3754	3844	3768	1.84	cps
Copper	63-2	5948	5781	5948	5892	1.63	cps
Dysprosium	156-1	20	3	17	13	66.16	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	37	63	53	51	26.35	cps
Erbium	164-2	43	27	27	32	29.85	cps
Gadolinium	160-1	43	27	47	39	27.55	cps
Gadolinium	160-2	210	210	233	218	6.19	cps
Holmium	165-1	8504538	8290689	8297419	8364215	1.45	cps
Holmium	165-2	5293013	5281881	5326946	5300613	0.44	cps
Indium	115-1	6455541	6313551	6442283	6403791	1.22	cps
Indium	115-2	2141884	2146374	2084300	2124186	1.63	cps
Iron	56-2	124171	124853	124091	124372	0.34	cps
Iron	57-2	3220	3164	3354	3246	3.01	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8126	7785	8169	8027	2.62	cps
Krypton	83-1	87	80	130	99	27.45	cps
Lead	206-1	4994	5028	5274	5099	3.00	cps
Lead	207-1	4491	4444	4531	4489	0.97	cps
Lead	208-1	20133	20074	20228	20145	0.39	cps
Lithium	6-1	1781663	1807762	1870739	1820055	2.52	cps
Magnesium	24-2	145407	145312	143549	144756	0.72	cps
Manganese	55-2	2037	2120	2007	2055	2.86	cps
Molybdenum	94-1	12505	12128	12879	12504	3.00	cps
Molybdenum	95-1	15111	15014	15412	15179	1.36	cps
Molybdenum	96-1	17040	16840	16840	16907	0.68	cps
Molybdenum	97-1	9293	9583	9553	9476	1.68	cps
Molybdenum	98-1	24267	24280	24427	24325	0.37	cps
Neodymium	150-1	3	0	13	6	124.93	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	943	893	917	918	2.73	cps
Phosphorus	31-2	437	383	437	419	7.35	cps
Potassium	39-2	210373	207140	206640	208051	0.97	cps
Rhodium	103-1	5911384	5950808	5819290	5893827	1.15	cps
Rhodium	103-2	3273388	3265458	3252475	3263774	0.32	cps
Scandium	45-1	3972619	4002721	4016987	3997442	0.57	cps
Scandium	45-2	319451	317330	316880	317887	0.43	cps
Selenium	82-1	520	592	458	523	12.82	cps
Selenium	77-2	40	67	27	44	45.82	cps
Selenium	78-2	370	337	337	348	5.53	cps
Silicon	28-1	371754	368613	376185	372184	1.02	cps
Silver	107-1	7619	7399	7402	7473	1.69	cps
Silver	109-1	6975	7159	7118	7084	1.36	cps
Sodium	23-2	246395	247031	247540	246988	0.23	cps
Strontium	86-1	2217	2037	2157	2137	4.29	cps
Strontium	88-1	18281	17901	18438	18207	1.52	cps
Sulfur	34-1	210675	211735	210519	210976	0.31	cps
Terbium	159-1	8604523	8591754	8623750	8606676	0.19	cps
Terbium	159-2	5385375	5355651	5344554	5361860	0.39	cps
Thallium	203-1	5791	5798	5751	5780	0.44	cps
Thallium	205-1	14121	13991	14308	14140	1.13	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:28:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	23880	23656	23806	23781	0.48	cps
Titanium	47-1	4117	4467	4444	4343	4.51	cps
Uranium	238-1	18934	18810	18984	18909	0.47	cps
Vanadium	51-2	10620	10717	10777	10705	0.74	cps
Yttrium	89-1	14243839	14135219	14209720	14196260	0.39	cps
Yttrium	89-2	3317571	3356989	3317538	3330700	0.68	cps
Zinc	66-2	1080	1113	910	1034	10.54	cps
Zirconium	90-1	10561	10754	10757	10691	1.05	cps
Zirconium	91-1	2320	2360	2370	2350	1.13	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170022	169821	170846	170230	0.32	cps
Antimony	121-1	242463	248949	250075	247162	1.66	cps
Arsenic	75-2	13036	13306	12909	13084	1.55	cps
Barium	135-1	361873	369509	373777	368386	1.64	cps
Barium	137-1	625547	642578	645692	637939	1.70	cps
Beryllium	9-1	73663	75144	74256	74354	1.00	cps
Bismuth	209-1	5547334	5386062	5457780	5463726	1.48	cps
Bismuth	209-2	3873821	3902687	3933801	3903436	0.77	cps
Boron	10-1	29548	32841	33022	31804	6.15	cps
Boron	11-1	133123	143833	146989	141315	5.14	cps
Bromine	81-1	34998	35269	35750	35339	1.08	cps
Bromine	81-2	70	67	57	64	10.76	cps
Cadmium	111-1	68804	71494	71150	70482	2.08	cps
Cadmium	106-1	15525	15141	15682	15449	1.80	cps
Cadmium	108-1	6015	6215	6175	6135	1.73	cps
Calcium	43-1	105906	109045	109266	108072	1.74	cps
Calcium	44-1	1434703	1469474	1450366	1451514	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137100	137860	137069	137343	0.33	cps
Cobalt	59-2	190023	190604	190631	190419	0.18	cps
Copper	63-2	1300108	1308838	1302304	1303750	0.35	cps
Dysprosium	156-1	33	47	40	40	16.68	cps
Dysprosium	156-2	20	17	47	28	59.19	cps
Erbium	164-1	67	33	60	53	33.08	cps
Erbium	164-2	60	40	60	53	21.65	cps
Gadolinium	160-1	37	43	73	51	38.21	cps
Gadolinium	160-2	227	233	247	236	4.32	cps
Holmium	165-1	8245300	8201837	8224674	8223937	0.26	cps
Holmium	165-2	5208412	5278716	5346504	5277877	1.31	cps
Indium	115-1	6201862	6107684	6152654	6154066	0.77	cps
Indium	115-2	2072110	2065144	2081447	2072900	0.39	cps
Iron	56-2	6004840	6067403	5908435	5993560	1.34	cps
Iron	57-2	150444	150448	150795	150562	0.13	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	338993	340979	341735	340569	0.42	cps
Krypton	83-1	73	73	107	84	22.80	cps
Lead	206-1	1221325	1254379	1275633	1250446	2.19	cps
Lead	207-1	1087495	1113034	1125922	1108817	1.76	cps
Lead	208-1	5113248	5246227	5257425	5205633	1.54	cps
Lithium	6-1	1813034	1777453	1724911	1771799	2.50	cps
Magnesium	24-2	1518812	1502431	1485445	1502229	1.11	cps
Manganese	55-2	982713	972046	975265	976675	0.56	cps
Molybdenum	94-1	1086549	1109527	1125132	1107069	1.75	cps
Molybdenum	95-1	1645726	1649093	1655319	1650046	0.29	cps
Molybdenum	96-1	1829776	1826566	1820813	1825718	0.25	cps
Molybdenum	97-1	980952	1007300	1009031	999094	1.57	cps
Molybdenum	98-1	2641634	2633121	2657575	2644110	0.47	cps
Neodymium	150-1	77	103	90	90	14.82	cps
Neodymium	150-2	20	30	20	23	24.74	cps
Nickel	60-2	50582	51284	51127	50997	0.72	cps
Phosphorus	31-2	8793	8602	8209	8535	3.49	cps
Potassium	39-2	868804	872257	874656	871906	0.34	cps
Rhodium	103-1	5872048	5781253	5700826	5784709	1.48	cps
Rhodium	103-2	3165714	3204594	3191944	3187418	0.62	cps
Scandium	45-1	3856667	3823089	3801592	3827116	0.73	cps
Scandium	45-2	312281	311399	315290	312990	0.65	cps
Selenium	82-1	5282	5265	5128	5225	1.62	cps
Selenium	77-2	417	473	480	457	7.62	cps
Selenium	78-2	1767	1780	1733	1760	1.37	cps
Silicon	28-1	4476805	4711542	4690131	4626159	2.81	cps
Silver	107-1	374807	383888	389731	382809	1.96	cps
Silver	109-1	349688	363373	365958	359673	2.43	cps
Sodium	23-2	2428545	2411634	2393526	2411235	0.73	cps
Strontium	86-1	2729007	2746822	2772069	2749299	0.79	cps
Strontium	88-1	23882852	24265020	24529060	24225644	1.34	cps
Sulfur	34-1	241065	242058	239910	241011	0.45	cps
Terbium	159-1	8522261	8485889	8387498	8465216	0.82	cps
Terbium	159-2	5284148	5207763	5372569	5288160	1.56	cps
Thallium	203-1	298208	300298	303787	300764	0.94	cps
Thallium	205-1	704086	714187	722616	713630	1.30	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:32:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	238966	244469	246921	243452	1.67	cps
Titanium	47-1	428952	439383	442434	436923	1.62	cps
Uranium	238-1	960926	983301	996241	980156	1.82	cps
Vanadium	51-2	107926	106939	108960	107941	0.94	cps
Yttrium	89-1	14207829	13916528	14016590	14046982	1.05	cps
Yttrium	89-2	3241832	3247798	3263530	3251053	0.34	cps
Zinc	66-2	200142	202176	201098	201138	0.51	cps
Zirconium	90-1	537403	554890	558812	550368	2.07	cps
Zirconium	91-1	120345	124096	123628	122690	1.67	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410312	401551	406413	406092	1.08	cps
Antimony	121-1	609936	618040	627978	618651	1.46	cps
Arsenic	75-2	32018	32155	32248	32140	0.36	cps
Barium	135-1	913296	924057	933518	923624	1.10	cps
Barium	137-1	1714583	1730640	1742366	1729196	0.81	cps
Beryllium	9-1	180467	182315	182905	181896	0.70	cps
Bismuth	209-1	5485793	5387540	4962018	5278450	5.27	cps
Bismuth	209-2	3766264	3840022	3855277	3820521	1.25	cps
Boron	10-1	72796	76963	79840	76533	4.63	cps
Boron	11-1	325515	337388	347313	336739	3.24	cps
Bromine	81-1	34534	34070	34932	34512	1.25	cps
Bromine	81-2	70	50	93	71	30.50	cps
Cadmium	111-1	171266	172927	174337	172843	0.89	cps
Cadmium	106-1	28548	28518	27600	28222	1.91	cps
Cadmium	108-1	15025	15478	15669	15390	2.15	cps
Calcium	43-1	263938	265637	267617	265731	0.69	cps
Calcium	44-1	3523547	3554980	3595025	3557851	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305551	307922	304091	305854	0.63	cps
Cobalt	59-2	462515	463806	460156	462159	0.40	cps
Copper	63-2	3382277	3321154	3369819	3357750	0.96	cps
Dysprosium	156-1	87	90	77	84	8.22	cps
Dysprosium	156-2	67	60	77	68	12.38	cps
Erbium	164-1	47	63	57	56	15.09	cps
Erbium	164-2	57	33	77	56	39.04	cps
Gadolinium	160-1	77	87	80	81	6.28	cps
Gadolinium	160-2	220	257	227	234	8.33	cps
Holmium	165-1	8459435	8207346	7593937	8086906	5.50	cps
Holmium	165-2	5211996	5281556	5190645	5228066	0.91	cps
Indium	115-1	6223706	6124753	5618368	5988942	5.42	cps
Indium	115-2	1999938	2061037	1986466	2015814	1.97	cps
Iron	56-2	14556551	14339513	14387555	14427873	0.79	cps
Iron	57-2	362000	360679	362481	361720	0.26	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	817690	803767	815338	812265	0.92	cps
Krypton	83-1	60	93	63	72	25.42	cps
Lead	206-1	3618079	3628398	3698251	3648243	1.20	cps
Lead	207-1	3265628	3254672	3364943	3295081	1.84	cps
Lead	208-1	14083293	14029884	14273664	14128947	0.91	cps
Lithium	6-1	1783656	1749778	1644556	1725997	4.20	cps
Magnesium	24-2	3624992	3605551	3625187	3618577	0.31	cps
Manganese	55-2	2412245	2358014	2363957	2378072	1.25	cps
Molybdenum	94-1	2809311	2860683	2865547	2845181	1.10	cps
Molybdenum	95-1	4102106	4037431	4173140	4104225	1.65	cps
Molybdenum	96-1	4400911	4467937	4526577	4465142	1.41	cps
Molybdenum	97-1	2525462	2563472	2563653	2550862	0.86	cps
Molybdenum	98-1	6565350	6559039	6563049	6562480	0.05	cps
Neodymium	150-1	180	237	160	192	20.69	cps
Neodymium	150-2	23	37	17	26	39.85	cps
Nickel	60-2	118000	115356	117314	116890	1.17	cps
Phosphorus	31-2	20377	20140	20150	20222	0.66	cps
Potassium	39-2	1946915	1958739	1935470	1947041	0.60	cps
Rhodium	103-1	5645735	5553659	5069382	5422926	5.71	cps
Rhodium	103-2	3122764	3116659	3055269	3098231	1.20	cps
Scandium	45-1	3815424	3750146	3447668	3671079	5.34	cps
Scandium	45-2	304398	302321	303016	303245	0.35	cps
Selenium	82-1	12596	12821	13088	12835	1.92	cps
Selenium	77-2	1273	1263	1150	1229	5.57	cps
Selenium	78-2	3964	3731	3897	3864	3.11	cps
Silicon	28-1	10002106	10141679	10268786	10137524	1.32	cps
Silver	107-1	929139	936132	946296	937189	0.92	cps
Silver	109-1	883442	885004	887715	885387	0.24	cps
Sodium	23-2	5709188	5787711	5707479	5734793	0.80	cps
Strontium	86-1	6757708	6760560	6764972	6761080	0.05	cps
Strontium	88-1	59608402	59675907	58996331	59426880	0.63	cps
Sulfur	34-1	277412	277005	273765	276061	0.72	cps
Terbium	159-1	8640950	8480087	7776682	8299240	5.54	cps
Terbium	159-2	5226672	5252171	5242163	5240335	0.25	cps
Thallium	203-1	758225	764355	770688	764423	0.82	cps
Thallium	205-1	2077918	2062300	2080032	2073417	0.47	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:35:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	593775	597583	600008	597122	0.53	cps
Titanium	47-1	1058995	1069404	1081682	1070027	1.06	cps
Uranium	238-1	3039463	2983830	3054142	3025812	1.23	cps
Vanadium	51-2	268393	260262	265103	264586	1.55	cps
Yttrium	89-1	14122504	13770185	12762575	13551755	5.21	cps
Yttrium	89-2	3245761	3240821	3170723	3219102	1.30	cps
Zinc	66-2	493162	490726	487236	490375	0.61	cps
Zirconium	90-1	1346305	1370563	1407193	1374687	2.23	cps
Zirconium	91-1	301045	305840	307685	304856	1.12	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783933	778784	786666	783128	0.51	cps
Antimony	121-1	1215687	1234042	1229128	1226285	0.77	cps
Arsenic	75-2	62980	62762	63324	63022	0.45	cps
Barium	135-1	2006476	2024019	2046240	2025578	0.98	cps
Barium	137-1	3495167	3468285	3464287	3475913	0.48	cps
Beryllium	9-1	353732	354697	352096	353508	0.37	cps
Bismuth	209-1	5564588	5462963	5392035	5473195	1.58	cps
Bismuth	209-2	3844351	3764828	3846245	3818475	1.22	cps
Boron	10-1	152380	158022	162695	157699	3.28	cps
Boron	11-1	671302	711665	720793	701253	3.76	cps
Bromine	81-1	33715	33859	35095	34223	2.22	cps
Bromine	81-2	57	63	77	66	15.54	cps
Cadmium	111-1	340491	340536	344497	341841	0.67	cps
Cadmium	106-1	49213	49477	49451	49380	0.29	cps
Cadmium	108-1	29958	29684	29657	29766	0.56	cps
Calcium	43-1	519760	525198	519428	521462	0.62	cps
Calcium	44-1	7007380	7088859	7032186	7042808	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	600698	596401	602431	599844	0.52	cps
Cobalt	59-2	894691	895623	899776	896697	0.30	cps
Copper	63-2	6560449	6384920	6508212	6484527	1.39	cps
Dysprosium	156-1	150	163	80	131	34.14	cps
Dysprosium	156-2	123	103	107	111	9.64	cps
Erbium	164-1	83	113	73	90	23.14	cps
Erbium	164-2	53	37	57	49	21.91	cps
Gadolinium	160-1	123	113	140	126	10.73	cps
Gadolinium	160-2	277	293	270	280	4.29	cps
Holmium	165-1	8318331	8336116	8289869	8314772	0.28	cps
Holmium	165-2	5265620	5204218	5257709	5242515	0.64	cps
Indium	115-1	6207951	6135608	6062331	6135297	1.19	cps
Indium	115-2	2005131	2019276	2015024	2013144	0.36	cps
Iron	56-2	28101717	27951185	27840026	27964309	0.47	cps
Iron	57-2	697679	697429	702109	699072	0.38	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1583786	1558372	1589050	1577069	1.04	cps
Krypton	83-1	87	110	93	97	12.43	cps
Lead	206-1	7126449	7205639	7227176	7186422	0.74	cps
Lead	207-1	6358420	6522609	6509470	6463499	1.41	cps
Lead	208-1	27419345	28120556	28032030	27857310	1.37	cps
Lithium	6-1	1764392	1707779	1736022	1736064	1.63	cps
Magnesium	24-2	7060268	7048062	6993251	7033860	0.51	cps
Manganese	55-2	4644199	4602194	4655621	4634005	0.61	cps
Molybdenum	94-1	5636873	5710968	5665032	5670957	0.66	cps
Molybdenum	95-1	8140175	8179298	8164957	8161477	0.24	cps
Molybdenum	96-1	8870555	8787411	8911437	8856468	0.71	cps
Molybdenum	97-1	5102064	5039026	5076905	5072665	0.63	cps
Molybdenum	98-1	12982071	13121004	13026640	13043238	0.54	cps
Neodymium	150-1	363	420	377	387	7.66	cps
Neodymium	150-2	93	93	110	99	9.73	cps
Nickel	60-2	226390	225670	226732	226264	0.24	cps
Phosphorus	31-2	38518	38839	39180	38846	0.85	cps
Potassium	39-2	3793062	3728708	3773613	3765128	0.88	cps
Rhodium	103-1	5616505	5606505	5580310	5601107	0.33	cps
Rhodium	103-2	3021723	3012020	3103921	3045888	1.66	cps
Scandium	45-1	3824084	3733680	3723183	3760316	1.48	cps
Scandium	45-2	304473	301681	304550	303568	0.54	cps
Selenium	82-1	25467	25428	25677	25524	0.52	cps
Selenium	77-2	2277	2127	2267	2224	3.77	cps
Selenium	78-2	7619	7569	7779	7655	1.43	cps
Silicon	28-1	20131467	20455500	20370296	20319088	0.83	cps
Silver	107-1	2003364	1963977	1974345	1980562	1.03	cps
Silver	109-1	1856735	1848733	1870053	1858507	0.58	cps
Sodium	23-2	11430599	11321148	11376863	11376203	0.48	cps
Strontium	86-1	13547725	13613147	13445045	13535306	0.63	cps
Strontium	88-1	118360338	118282322	118875395	118506018	0.27	cps
Sulfur	34-1	351037	351395	346467	349633	0.79	cps
Terbium	159-1	8559176	8597744	8533639	8563520	0.38	cps
Terbium	159-2	5333119	5195258	5274347	5267574	1.31	cps
Thallium	203-1	1502229	1521937	1512394	1512186	0.65	cps
Thallium	205-1	4141358	4165477	4150578	4152471	0.29	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:38:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1166056	1181187	1183556	1176933	0.81	cps
Titanium	47-1	2155491	2139751	2120990	2138744	0.81	cps
Uranium	238-1	5933368	5971546	5918093	5941003	0.46	cps
Vanadium	51-2	516896	517500	519755	518050	0.29	cps
Yttrium	89-1	14104719	14002114	13859552	13988795	0.88	cps
Yttrium	89-2	3227356	3181743	3227698	3212266	0.82	cps
Zinc	66-2	944801	943100	952401	946767	0.52	cps
Zirconium	90-1	2789476	2842478	2840822	2824259	1.07	cps
Zirconium	91-1	597156	613196	606054	605469	1.33	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1566497	1579340	1555762	1567200	0.75	cps
Antimony	121-1	2604597	2704821	2713328	2674248	2.26	cps
Arsenic	75-2	127633	128083	127230	127649	0.33	cps
Barium	135-1	3940923	4035720	4033896	4003513	1.35	cps
Barium	137-1	6971872	6971578	6959178	6967543	0.10	cps
Beryllium	9-1	687876	695938	699678	694497	0.87	cps
Bismuth	209-1	5421193	5372097	5351098	5381463	0.67	cps
Bismuth	209-2	3787222	3748387	3760999	3765536	0.53	cps
Boron	10-1	299714	316167	321695	312525	3.66	cps
Boron	11-1	1257228	1330585	1348438	1312084	3.68	cps
Bromine	81-1	34133	34330	34781	34415	0.97	cps
Bromine	81-2	97	60	77	78	23.61	cps
Cadmium	111-1	665551	672006	681445	673001	1.19	cps
Cadmium	106-1	91405	92183	92740	92110	0.73	cps
Cadmium	108-1	58976	59859	59602	59479	0.76	cps
Calcium	43-1	1019129	1034890	1035371	1029796	0.90	cps
Calcium	44-1	13812312	14205511	13963442	13993755	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1209667	1206786	1196193	1204215	0.59	cps
Cobalt	59-2	1864339	1852746	1865134	1860740	0.37	cps
Copper	63-2	12840930	12776653	12547667	12721750	1.21	cps
Dysprosium	156-1	320	297	210	276	21.03	cps
Dysprosium	156-2	247	250	267	254	4.21	cps
Erbium	164-1	137	123	123	128	6.03	cps
Erbium	164-2	90	70	70	77	15.06	cps
Gadolinium	160-1	160	233	190	194	18.96	cps
Gadolinium	160-2	313	333	357	334	6.48	cps
Holmium	165-1	8439133	8279385	8521695	8413404	1.46	cps
Holmium	165-2	5367931	5488562	5281213	5379235	1.94	cps
Indium	115-1	5993086	5984651	6000804	5992847	0.13	cps
Indium	115-2	2009348	1988756	2003563	2000556	0.53	cps
Iron	56-2	55979033	55925473	56548247	56150917	0.61	cps
Iron	57-2	1364741	1402739	1412888	1393456	1.82	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3148057	3091099	3113021	3117392	0.92	cps
Krypton	83-1	130	83	90	101	24.96	cps
Lead	206-1	14015704	14527066	14643230	14395334	2.32	cps
Lead	207-1	12614019	12881238	13095525	12863594	1.88	cps
Lead	208-1	54723913	56067730	56367387	55719677	1.57	cps
Lithium	6-1	1744946	1691451	1745150	1727182	1.79	cps
Magnesium	24-2	14195569	14144025	13915568	14085054	1.06	cps
Manganese	55-2	9483624	9288522	9313362	9361836	1.13	cps
Molybdenum	94-1	11286217	11355464	11420139	11353940	0.59	cps
Molybdenum	95-1	16271533	16429860	16248456	16316616	0.61	cps
Molybdenum	96-1	17651467	17892100	17914961	17819509	0.82	cps
Molybdenum	97-1	10088128	10165150	10416515	10223264	1.68	cps
Molybdenum	98-1	25930535	26253150	26642835	26275507	1.36	cps
Neodymium	150-1	823	787	780	797	2.93	cps
Neodymium	150-2	127	147	153	142	9.76	cps
Nickel	60-2	449255	446792	445131	447059	0.46	cps
Phosphorus	31-2	78989	78678	79126	78931	0.29	cps
Potassium	39-2	7633093	7617855	7401336	7550762	1.72	cps
Rhodium	103-1	5474636	5382824	5537728	5465063	1.43	cps
Rhodium	103-2	3027776	3045338	3003599	3025571	0.69	cps
Scandium	45-1	3741626	3755458	3748240	3748441	0.18	cps
Scandium	45-2	304407	307803	305256	305822	0.58	cps
Selenium	82-1	51022	51163	51405	51197	0.38	cps
Selenium	77-2	4641	4794	4557	4664	2.57	cps
Selenium	78-2	15462	15625	15655	15581	0.67	cps
Silicon	28-1	38701719	38609085	38841970	38717592	0.30	cps
Silver	107-1	3789378	3875201	3888946	3851175	1.40	cps
Silver	109-1	3613598	3667689	3688405	3656564	1.06	cps
Sodium	23-2	22974896	22930670	22689294	22864954	0.67	cps
Strontium	86-1	26945397	27256992	26926660	27043016	0.69	cps
Strontium	88-1	234538563	236174170	238714650	236475794	0.89	cps
Sulfur	34-1	495200	494592	491172	493655	0.44	cps
Terbium	159-1	8621084	8482810	8628688	8577527	0.96	cps
Terbium	159-2	5310943	5366917	5335841	5337900	0.53	cps
Thallium	203-1	3454806	3472902	3486874	3471527	0.46	cps
Thallium	205-1	8195416	8466176	8295121	8318904	1.65	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:41:45	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2499684	2583083	2629970	2570912	2.57	cps
Titanium	47-1	4183895	4232775	4208973	4208548	0.58	cps
Uranium	238-1	11951275	11990359	12181371	12041002	1.02	cps
Vanadium	51-2	1045175	1050460	1039341	1044992	0.53	cps
Yttrium	89-1	14015302	13872496	13951203	13946334	0.51	cps
Yttrium	89-2	3191932	3250798	3228383	3223704	0.92	cps
Zinc	66-2	1992383	1978551	1958821	1976585	0.85	cps
Zirconium	90-1	5585171	5608265	5611591	5601676	0.26	cps
Zirconium	91-1	1191068	1226708	1228977	1215584	1.75	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3088535	3049846	3022284	3053555	1.09	cps
Antimony	121-1	5293351	5209758	5226134	5243081	0.84	cps
Arsenic	75-2	247657	248849	249501	248669	0.38	cps
Barium	135-1	7981378	8005073	7871584	7952678	0.90	cps
Barium	137-1	13801578	13891547	13867631	13853585	0.34	cps
Beryllium	9-1	1303487	1309983	1304082	1305850	0.28	cps
Bismuth	209-1	5201834	5232511	5262085	5232144	0.58	cps
Bismuth	209-2	3609779	3711217	3634608	3651868	1.45	cps
Boron	10-1	489791	505833	516086	503903	2.63	cps
Boron	11-1	2081274	2166374	2174820	2140823	2.42	cps
Bromine	81-1	33211	33892	34564	33889	2.00	cps
Bromine	81-2	87	70	67	74	14.39	cps
Cadmium	111-1	1294974	1304948	1294226	1298050	0.46	cps
Cadmium	106-1	171318	175243	171817	172793	1.24	cps
Cadmium	108-1	114787	116856	115713	115785	0.90	cps
Calcium	43-1	1974113	2012314	1960889	1982439	1.35	cps
Calcium	44-1	28019135	27800700	27789989	27869941	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2374415	2350318	2358491	2361075	0.52	cps
Cobalt	59-2	3660769	3642684	3636677	3646710	0.34	cps
Copper	63-2	24637065	24430539	24392450	24486685	0.54	cps
Dysprosium	156-1	540	547	470	519	8.19	cps
Dysprosium	156-2	453	413	437	434	4.62	cps
Erbium	164-1	130	190	123	148	24.84	cps
Erbium	164-2	113	103	70	96	23.75	cps
Gadolinium	160-1	387	400	390	392	1.77	cps
Gadolinium	160-2	510	473	473	486	4.36	cps
Holmium	165-1	8421023	8432270	8427981	8427091	0.07	cps
Holmium	165-2	5183363	5324429	5259977	5255923	1.34	cps
Indium	115-1	5855138	5848564	5894353	5866018	0.42	cps
Indium	115-2	1927024	2004645	1952703	1961458	2.02	cps
Iron	56-2	110025275	110766098	110435552	110408975	0.34	cps
Iron	57-2	2682331	2722092	2664727	2689716	1.09	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6085474	6033217	6125499	6081397	0.76	cps
Krypton	83-1	93	110	143	116	22.04	cps
Lead	206-1	28850904	28550813	28227263	28542993	1.09	cps
Lead	207-1	25515446	25635478	25274231	25475052	0.72	cps
Lead	208-1	110506716	110339603	110381840	110409387	0.08	cps
Lithium	6-1	1697419	1700258	1675873	1691183	0.79	cps
Magnesium	24-2	27440671	27532683	27598804	27524053	0.29	cps
Manganese	55-2	18528786	18344331	18358260	18410459	0.56	cps
Molybdenum	94-1	22236586	22529274	22642971	22469610	0.93	cps
Molybdenum	95-1	32615609	32861177	32700212	32725666	0.38	cps
Molybdenum	96-1	35846288	35761354	35423809	35677150	0.63	cps
Molybdenum	97-1	20391631	20263978	20241477	20299029	0.40	cps
Molybdenum	98-1	51970338	51859438	52407303	52079026	0.56	cps
Neodymium	150-1	1437	1510	1377	1441	4.63	cps
Neodymium	150-2	290	263	313	289	8.66	cps
Nickel	60-2	850953	855269	851284	852502	0.28	cps
Phosphorus	31-2	152050	154723	155434	154069	1.16	cps
Potassium	39-2	14744393	14925752	14845499	14838548	0.61	cps
Rhodium	103-1	5346119	5312170	5359155	5339148	0.45	cps
Rhodium	103-2	2858063	2963579	2962052	2927898	2.07	cps
Scandium	45-1	3758597	3791179	3751310	3767029	0.56	cps
Scandium	45-2	300243	310904	304964	305370	1.75	cps
Selenium	82-1	98843	100440	99193	99492	0.84	cps
Selenium	77-2	8903	9009	8956	8956	0.60	cps
Selenium	78-2	30421	29847	28808	29692	2.75	cps
Silicon	28-1	57911496	57986246	56827806	57575182	1.13	cps
Silver	107-1	7516534	7535991	7467081	7506535	0.47	cps
Silver	109-1	7034689	7010776	7076472	7040646	0.47	cps
Sodium	23-2	44773023	44821948	44596514	44730495	0.27	cps
Strontium	86-1	53240781	53616024	54161643	53672816	0.86	cps
Strontium	88-1	474715780	472084166	470119620	472306522	0.49	cps
Sulfur	34-1	804028	801670	798699	801466	0.33	cps
Terbium	159-1	8637401	8765028	8589952	8664127	1.05	cps
Terbium	159-2	5289105	5400209	5316426	5335247	1.09	cps
Thallium	203-1	6932601	6814556	6809287	6852148	1.02	cps
Thallium	205-1	16719072	16477336	16460991	16552466	0.87	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:44:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4957243	4953719	5026996	4979319	0.83	cps
Titanium	47-1	8480511	8404004	8446876	8443797	0.45	cps
Uranium	238-1	23735900	23862460	24007032	23868464	0.57	cps
Vanadium	51-2	2072511	2074723	2079324	2075519	0.17	cps
Yttrium	89-1	13870361	14060426	14256767	14062518	1.37	cps
Yttrium	89-2	3197165	3254971	3188149	3213428	1.13	cps
Zinc	66-2	3820836	3755685	3738601	3771707	1.15	cps
Zirconium	90-1	11120569	11135548	11353390	11203169	1.16	cps
Zirconium	91-1	2431317	2463347	2500551	2465072	1.41	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13202447	13332662	13479709	13338273	1.04	cps
Antimony	121-1	3037	3054	3067	3053	0.49	cps
Arsenic	75-2	73	43	70	62	26.43	cps
Barium	135-1	4494	4141	4207	4281	4.39	cps
Barium	137-1	7932	7252	7102	7429	5.96	cps
Beryllium	9-1	590	580	527	566	6.02	cps
Bismuth	209-1	4243046	4235325	4166313	4214895	1.00	cps
Bismuth	209-2	3016137	2977281	2972703	2988707	0.80	cps
Boron	10-1	20991	18308	15985	18428	13.59	cps
Boron	11-1	93037	80133	70141	81104	14.15	cps
Bromine	81-1	33712	32917	33244	33291	1.20	cps
Bromine	81-2	103	70	103	92	20.87	cps
Cadmium	111-1	962	981	904	949	4.25	cps
Cadmium	106-1	5721	5708	5671	5700	0.45	cps
Cadmium	108-1	57	57	67	60	9.62	cps
Calcium	43-1	7763223	7853254	7784755	7800411	0.60	cps
Calcium	44-1	126149759	126537102	126342234	126343032	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16109	15898	15932	15980	0.71	cps
Cobalt	59-2	3327	3464	3517	3436	2.85	cps
Copper	63-2	3420	3370	3327	3373	1.39	cps
Dysprosium	156-1	1230	1207	1310	1249	4.34	cps
Dysprosium	156-2	833	790	753	792	5.06	cps
Erbium	164-1	87	97	110	98	11.97	cps
Erbium	164-2	60	70	73	68	10.24	cps
Gadolinium	160-1	1373	1300	1403	1359	3.91	cps
Gadolinium	160-2	1043	1030	1117	1063	4.39	cps
Holmium	165-1	7385959	7436762	7291007	7371243	1.00	cps
Holmium	165-2	4772918	4722725	4727776	4741140	0.58	cps
Indium	115-1	5215436	5146666	5118003	5160035	0.97	cps
Indium	115-2	1719693	1759818	1762356	1747289	1.37	cps
Iron	56-2	465712126	468565313	462698220	465658553	0.63	cps
Iron	57-2	11549584	11645360	11586554	11593833	0.42	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25536981	25525025	25444625	25502211	0.20	cps
Krypton	83-1	100	123	90	104	16.38	cps
Lead	206-1	5541	4891	4477	4970	10.79	cps
Lead	207-1	4904	3944	3721	4190	15.01	cps
Lead	208-1	21150	18200	16343	18564	13.06	cps
Lithium	6-1	1484510	1512570	1518335	1505138	1.20	cps
Magnesium	24-2	120033462	121043942	121161722	120746375	0.51	cps
Manganese	55-2	8072	8086	8039	8066	0.30	cps
Molybdenum	94-1	5474	4511	4164	4716	14.40	cps
Molybdenum	95-1	6542	5318	5061	5640	14.03	cps
Molybdenum	96-1	18635	17467	16660	17587	5.65	cps
Molybdenum	97-1	4291	3434	3210	3645	15.65	cps
Molybdenum	98-1	10264	8352	7385	8667	16.90	cps
Neodymium	150-1	60	33	33	42	36.47	cps
Neodymium	150-2	33	33	30	32	5.97	cps
Nickel	60-2	1950	2097	2064	2037	3.78	cps
Phosphorus	31-2	300	317	347	321	7.36	cps
Potassium	39-2	65193909	64936252	66549089	65559750	1.32	cps
Rhodium	103-1	4464658	4505047	4456062	4475256	0.58	cps
Rhodium	103-2	2449896	2485179	2429053	2454709	1.16	cps
Scandium	45-1	3339424	3438839	3396671	3391645	1.47	cps
Scandium	45-2	270471	271539	272438	271482	0.36	cps
Selenium	82-1	211	231	217	220	4.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	150	157	213	173	20.08	cps
Silicon	28-1	821595	739725	684532	748617	9.21	cps
Silver	107-1	2904	2727	2407	2679	9.40	cps
Silver	109-1	2747	2480	2290	2506	9.16	cps
Sodium	23-2	193557257	193972517	195308117	194279297	0.47	cps
Strontium	86-1	14501	12789	12158	13149	9.22	cps
Strontium	88-1	127134	111871	105525	114844	9.67	cps
Sulfur	34-1	174011	180401	183308	179240	2.65	cps
Terbium	159-1	7654819	7554832	7494426	7568026	1.07	cps
Terbium	159-2	4707431	4700672	4785750	4731284	1.00	cps
Thallium	203-1	820	677	520	672	22.32	cps
Thallium	205-1	1890	1547	1233	1557	21.10	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:47:18	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2757	2940	2630	2776	5.62	cps
Titanium	47-1	1467	1183	1063	1238	16.73	cps
Uranium	238-1	2277	1527	1373	1726	28.02	cps
Vanadium	51-2	617	590	670	626	6.51	cps
Yttrium	89-1	12218675	12334402	12299321	12284133	0.48	cps
Yttrium	89-2	2875738	2936381	2946880	2919666	1.32	cps
Zinc	66-2	2307	2417	2387	2370	2.40	cps
Zirconium	90-1	2784	2230	2210	2408	13.52	cps
Zirconium	91-1	607	520	403	510	20.01	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76875	76566	76023	76488	0.56	cps
Antimony	121-1	924611	934092	945696	934799	1.13	cps
Arsenic	75-2	49736	48790	50134	49554	1.39	cps
Barium	135-1	145771	145280	147529	146193	0.81	cps
Barium	137-1	251219	253575	255290	253362	0.81	cps
Beryllium	9-1	138166	139274	139183	138874	0.44	cps
Bismuth	209-1	5260670	5513307	5448894	5407624	2.43	cps
Bismuth	209-2	3904560	3944228	3893571	3914120	0.68	cps
Boron	10-1	102539	105529	105878	104648	1.75	cps
Boron	11-1	445362	461032	466571	457655	2.40	cps
Bromine	81-1	33705	33709	34701	34038	1.69	cps
Bromine	81-2	67	57	50	58	14.52	cps
Cadmium	111-1	132560	134110	135044	133905	0.94	cps
Cadmium	106-1	37104	36700	37659	37154	1.30	cps
Cadmium	108-1	20164	20485	20448	20366	0.86	cps
Calcium	43-1	40705	41159	42058	41307	1.67	cps
Calcium	44-1	594675	594419	598145	595746	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235889	234715	232773	234459	0.67	cps
Cobalt	59-2	355765	358907	353182	355951	0.81	cps
Copper	63-2	237299	238836	238217	238117	0.32	cps
Dysprosium	156-1	17	10	7	11	45.82	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	57	60	47	54	12.74	cps
Erbium	164-2	30	43	63	46	36.83	cps
Gadolinium	160-1	67	57	23	49	46.42	cps
Gadolinium	160-2	233	213	207	218	6.37	cps
Holmium	165-1	7800370	8218517	8075563	8031483	2.65	cps
Holmium	165-2	5164510	5282605	5367016	5271377	1.93	cps
Indium	115-1	5826054	6008361	6052459	5962291	2.01	cps
Indium	115-2	2026191	2027110	2023871	2025724	0.08	cps
Iron	56-2	4187930	4289732	4247349	4241671	1.21	cps
Iron	57-2	105803	107138	106772	106571	0.65	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	245088	246915	246885	246296	0.42	cps
Krypton	83-1	57	70	80	69	16.99	cps
Lead	206-1	1031294	1049815	1054089	1045066	1.16	cps
Lead	207-1	856983	877591	883483	872686	1.59	cps
Lead	208-1	4301981	4359376	4339485	4333614	0.67	cps
Lithium	6-1	1675370	1733268	1725179	1711272	1.83	cps
Magnesium	24-2	312854	313627	312586	313022	0.17	cps
Manganese	55-2	182033	183372	182610	182672	0.37	cps
Molybdenum	94-1	10267469	10394013	10387222	10349568	0.69	cps
Molybdenum	95-1	14968872	14833507	14867844	14890074	0.47	cps
Molybdenum	96-1	16283510	16029896	16224460	16179289	0.82	cps
Molybdenum	97-1	9334571	9247784	9435177	9339177	1.00	cps
Molybdenum	98-1	23950468	24255927	23862118	24022838	0.86	cps
Neodymium	150-1	47	53	33	44	22.92	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	99840	100245	100061	100048	0.20	cps
Phosphorus	31-2	273	213	240	242	12.41	cps
Potassium	39-2	639166	633208	630007	634127	0.73	cps
Rhodium	103-1	5444898	5732566	5714757	5630740	2.86	cps
Rhodium	103-2	3163539	3085832	3124642	3124671	1.24	cps
Scandium	45-1	3595292	3702471	3693236	3663666	1.62	cps
Scandium	45-2	303737	306692	303152	304527	0.62	cps
Selenium	82-1	19864	20107	20261	20077	1.00	cps
Selenium	77-2	1823	1733	1733	1763	2.95	cps
Selenium	78-2	6048	5975	6118	6047	1.19	cps
Silicon	28-1	2948572	3387728	3588334	3308211	9.89	cps
Silver	107-1	349996	356842	355689	354176	1.03	cps
Silver	109-1	325301	330920	331168	329130	1.01	cps
Sodium	23-2	903124	896465	899831	899806	0.37	cps
Strontium	86-1	949293	955552	954804	953217	0.36	cps
Strontium	88-1	8841951	8822559	8962899	8875803	0.86	cps
Sulfur	34-1	194025	191261	192016	192434	0.74	cps
Terbium	159-1	8057605	8423625	8320276	8267169	2.28	cps
Terbium	159-2	5229732	5241712	5276018	5249154	0.46	cps
Thallium	203-1	1274304	1282977	1286431	1281238	0.49	cps
Thallium	205-1	3518827	3542715	3538273	3533271	0.36	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICV12	Instrumnet Name :	P7
Client Sample ID :	ICV12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:59:34	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2499431	2456536	2441161	2465709	1.22	cps
Titanium	47-1	4068681	4078485	4062717	4069961	0.20	cps
Uranium	238-1	12116035	12277814	12070456	12154768	0.90	cps
Vanadium	51-2	194665	197184	193858	195236	0.89	cps
Yttrium	89-1	13203576	13959500	13805266	13656114	2.92	cps
Yttrium	89-2	3196447	3170592	3203164	3190068	0.54	cps
Zinc	66-2	81685	82955	82258	82299	0.77	cps
Zirconium	90-1	5229777	5180905	5157264	5189315	0.71	cps
Zirconium	91-1	1094511	1109615	1112963	1105696	0.89	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3154	3360	3294	3269	3.23	cps
Antimony	121-1	9677	10047	9677	9800	2.18	cps
Arsenic	75-2	243	267	250	253	4.74	cps
Barium	135-1	13647	14170	13857	13891	1.90	cps
Barium	137-1	24234	24284	24531	24350	0.65	cps
Beryllium	9-1	1637	1743	1603	1661	4.40	cps
Bismuth	209-1	5448602	5442358	5456053	5449005	0.13	cps
Bismuth	209-2	3860980	3812217	3815422	3829540	0.71	cps
Boron	10-1	6271	6815	6975	6687	5.52	cps
Boron	11-1	27498	28947	30437	28960	5.07	cps
Bromine	81-1	34584	34266	34390	34414	0.47	cps
Bromine	81-2	67	67	73	69	5.58	cps
Cadmium	111-1	1926	1942	2064	1978	3.82	cps
Cadmium	106-1	6278	6108	6358	6248	2.04	cps
Cadmium	108-1	150	193	117	153	25.07	cps
Calcium	43-1	8929	9520	9286	9245	3.22	cps
Calcium	44-1	155255	159115	158191	157520	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5211	5198	5564	5324	3.91	cps
Cobalt	59-2	3654	3664	3580	3633	1.25	cps
Copper	63-2	5494	5728	5344	5522	3.50	cps
Dysprosium	156-1	20	3	3	9	108.30	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	80	63	60	68	15.81	cps
Erbium	164-2	30	40	47	39	21.57	cps
Gadolinium	160-1	33	53	47	44	22.92	cps
Gadolinium	160-2	160	253	203	206	22.72	cps
Holmium	165-1	8300297	8071808	8165102	8179069	1.40	cps
Holmium	165-2	5157113	5085913	5094682	5112569	0.76	cps
Indium	115-1	6204854	6037297	6043065	6095072	1.56	cps
Indium	115-2	2043309	2033175	2023592	2033359	0.48	cps
Iron	56-2	119540	118620	117431	118530	0.89	cps
Iron	57-2	3140	3220	3204	3188	1.32	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7755	7582	7579	7639	1.32	cps
Krypton	83-1	87	93	80	87	7.69	cps
Lead	206-1	5364	4981	5201	5182	3.71	cps
Lead	207-1	4287	4334	4721	4447	5.35	cps
Lead	208-1	20291	20059	20533	20294	1.17	cps
Lithium	6-1	1763589	1754996	1762657	1760414	0.27	cps
Magnesium	24-2	136237	136825	137437	136833	0.44	cps
Manganese	55-2	2053	2157	2060	2090	2.77	cps
Molybdenum	94-1	11835	12075	12142	12017	1.34	cps
Molybdenum	95-1	14461	14747	14761	14656	1.16	cps
Molybdenum	96-1	16146	16493	16469	16369	1.19	cps
Molybdenum	97-1	9216	9360	8899	9158	2.57	cps
Molybdenum	98-1	23589	23906	23546	23680	0.83	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	940	917	970	942	2.84	cps
Phosphorus	31-2	390	363	373	376	3.59	cps
Potassium	39-2	198851	196514	197794	197720	0.59	cps
Rhodium	103-1	5668228	5672983	5593872	5645028	0.79	cps
Rhodium	103-2	3142134	3123571	3122080	3129262	0.36	cps
Scandium	45-1	3752164	3700775	3745662	3732867	0.75	cps
Scandium	45-2	300358	301089	299095	300181	0.34	cps
Selenium	82-1	489	522	534	515	4.52	cps
Selenium	77-2	43	57	60	53	16.54	cps
Selenium	78-2	277	310	377	321	15.86	cps
Silicon	28-1	375001	371198	370383	372194	0.66	cps
Silver	107-1	7262	7185	7395	7281	1.46	cps
Silver	109-1	6698	6878	6592	6723	2.16	cps
Sodium	23-2	242088	242765	241285	242046	0.31	cps
Strontium	86-1	2187	2217	2147	2184	1.61	cps
Strontium	88-1	16873	17367	17624	17288	2.21	cps
Sulfur	34-1	199011	200774	199997	199927	0.44	cps
Terbium	159-1	8401111	8465554	8255214	8373960	1.29	cps
Terbium	159-2	5124224	5304671	5169270	5199389	1.81	cps
Thallium	203-1	5618	5961	5658	5746	3.27	cps
Thallium	205-1	14001	14141	13901	14014	0.86	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:10:38	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	22741	23443	23840	23341	2.38	cps
Titanium	47-1	4217	4164	4171	4184	0.69	cps
Uranium	238-1	19061	18810	19394	19088	1.54	cps
Vanadium	51-2	9907	9933	10137	9992	1.26	cps
Yttrium	89-1	13663342	13618414	13529046	13603600	0.50	cps
Yttrium	89-2	3170543	3202772	3134027	3169114	1.09	cps
Zinc	66-2	1077	940	963	993	7.36	cps
Zirconium	90-1	9770	10140	10427	10112	3.26	cps
Zirconium	91-1	2010	2190	2257	2152	5.93	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	80	87	78	13.09	cps
Antimony	121-1	93	137	140	123	21.11	cps
Arsenic	75-2	0	7	7	4	86.60	cps
Barium	135-1	3	13	20	12	68.66	cps
Barium	137-1	17	10	20	16	32.73	cps
Beryllium	9-1	147	133	103	128	17.37	cps
Bismuth	209-1	5603797	5438113	5488645	5510185	1.54	cps
Bismuth	209-2	3945976	3879253	3818960	3881396	1.64	cps
Boron	10-1	2307	2144	1980	2144	7.62	cps
Boron	11-1	8926	8676	8609	8737	1.91	cps
Bromine	81-1	34574	34511	35048	34711	0.85	cps
Bromine	81-2	47	90	67	68	32.00	cps
Cadmium	111-1	656	633	624	638	2.54	cps
Cadmium	106-1	6585	6351	6305	6414	2.34	cps
Cadmium	108-1	13	27	13	18	43.33	cps
Calcium	43-1	70	67	73	70	4.76	cps
Calcium	44-1	8205	7942	7808	7985	2.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	747	653	697	699	6.68	cps
Cobalt	59-2	57	47	27	43	35.25	cps
Copper	63-2	753	830	717	767	7.54	cps
Dysprosium	156-1	13	0	0	4	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	67	60	57	61	8.33	cps
Erbium	164-2	37	27	30	31	16.37	cps
Gadolinium	160-1	33	27	40	33	20.00	cps
Gadolinium	160-2	233	213	227	224	4.54	cps
Holmium	165-1	8378169	8180067	8154408	8237548	1.49	cps
Holmium	165-2	5196478	5214760	5125393	5178877	0.91	cps
Indium	115-1	6318186	6173999	6091917	6194700	1.85	cps
Indium	115-2	2090620	2067286	2048213	2068706	1.03	cps
Iron	56-2	8693	8396	8803	8630	2.44	cps
Iron	57-2	313	287	243	281	12.57	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1333	1393	1410	1379	2.92	cps
Krypton	83-1	87	60	90	79	20.84	cps
Lead	206-1	483	417	420	440	8.54	cps
Lead	207-1	377	337	363	359	5.67	cps
Lead	208-1	1812	1669	1722	1734	4.18	cps
Lithium	6-1	1766214	1802716	1754043	1774324	1.43	cps
Magnesium	24-2	450	460	483	464	3.68	cps
Manganese	55-2	80	93	83	86	8.11	cps
Molybdenum	94-1	167	140	187	164	14.24	cps
Molybdenum	95-1	80	83	70	78	8.92	cps
Molybdenum	96-1	120	117	130	122	5.68	cps
Molybdenum	97-1	57	50	47	51	9.96	cps
Molybdenum	98-1	127	97	127	117	14.85	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	97	63	76	24.30	cps
Phosphorus	31-2	287	250	220	252	13.24	cps
Potassium	39-2	49283	48229	48885	48799	1.09	cps
Rhodium	103-1	5846503	5727688	5724968	5766386	1.20	cps
Rhodium	103-2	3086727	3147029	3144836	3126197	1.09	cps
Scandium	45-1	3844615	3807744	3753510	3801956	1.21	cps
Scandium	45-2	304562	306456	305297	305439	0.31	cps
Selenium	82-1	15	44	26	28	52.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	190	110	148	27.19	cps
Silicon	28-1	326290	318233	319150	321224	1.37	cps
Silver	107-1	193	133	147	158	19.97	cps
Silver	109-1	117	97	57	90	33.94	cps
Sodium	23-2	17353	17420	16676	17150	2.40	cps
Strontium	86-1	150	157	130	146	9.54	cps
Strontium	88-1	133	133	120	129	5.98	cps
Sulfur	34-1	202405	202476	200082	201654	0.68	cps
Terbium	159-1	8517059	8370073	8251196	8379443	1.59	cps
Terbium	159-2	5170191	5228512	5276656	5225120	1.02	cps
Thallium	203-1	103	127	97	109	14.47	cps
Thallium	205-1	260	270	270	267	2.16	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICB12	Instrumnet Name :	P7
Client Sample ID :	ICB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:13:56	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	523	553	613	563	8.13	cps
Titanium	47-1	80	67	70	72	9.61	cps
Uranium	238-1	17	0	10	9	94.38	cps
Vanadium	51-2	0	17	3	7	132.33	cps
Yttrium	89-1	14037603	13736375	13812701	13862226	1.13	cps
Yttrium	89-2	3166370	3260482	3242142	3222998	1.55	cps
Zinc	66-2	90	120	113	108	14.62	cps
Zirconium	90-1	487	370	413	423	13.93	cps
Zirconium	91-1	73	60	60	64	11.94	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13764203	13638141	13599997	13667447	0.63	cps
Antimony	121-1	5048	4901	5141	5030	2.41	cps
Arsenic	75-2	140	123	160	141	13.01	cps
Barium	135-1	2057	1980	1883	1973	4.40	cps
Barium	137-1	3350	3287	3437	3358	2.24	cps
Beryllium	9-1	453	447	407	436	5.80	cps
Bismuth	209-1	4998293	4936128	4946305	4960242	0.67	cps
Bismuth	209-2	3534460	3494210	3487300	3505323	0.73	cps
Boron	10-1	1220	1110	1097	1142	5.93	cps
Boron	11-1	5104	5238	4914	5085	3.20	cps
Bromine	81-1	35379	35616	37016	36004	2.46	cps
Bromine	81-2	353	343	357	351	1.98	cps
Cadmium	111-1	1195	1218	1378	1264	7.88	cps
Cadmium	106-1	5564	5381	5544	5497	1.83	cps
Cadmium	108-1	1617	1433	1367	1472	8.79	cps
Calcium	43-1	1694053	1722620	1693309	1703327	0.98	cps
Calcium	44-1	27011222	26921260	26959526	26964003	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44221	43436	43603	43753	0.95	cps
Cobalt	59-2	3954	3964	4124	4014	2.38	cps
Copper	63-2	16422	17050	17230	16901	2.51	cps
Dysprosium	156-1	40	30	33	34	14.78	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	53	77	67	66	17.86	cps
Erbium	164-2	57	33	87	59	45.41	cps
Gadolinium	160-1	53	47	90	63	36.84	cps
Gadolinium	160-2	137	227	227	197	26.42	cps
Holmium	165-1	8195317	8129359	8085247	8136641	0.68	cps
Holmium	165-2	5197260	5172936	5099981	5156726	0.98	cps
Indium	115-1	5842023	5751483	5819373	5804293	0.81	cps
Indium	115-2	1946562	1938359	1979022	1954648	1.10	cps
Iron	56-2	205948237	203559937	203128744	204212306	0.74	cps
Iron	57-2	5034336	4993808	5000663	5009602	0.43	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11231590	11153852	11097974	11161139	0.60	cps
Krypton	83-1	100	107	80	96	14.52	cps
Lead	206-1	21033	21434	21146	21204	0.97	cps
Lead	207-1	16300	16727	16700	16576	1.44	cps
Lead	208-1	72790	74408	73889	73696	1.12	cps
Lithium	6-1	1678370	1662449	1646710	1662509	0.95	cps
Magnesium	24-2	24200470	23720930	23617240	23846214	1.30	cps
Manganese	55-2	13963	13426	13610	13666	2.00	cps
Molybdenum	94-1	3162465	3229181	3212139	3201261	1.08	cps
Molybdenum	95-1	5573649	5668727	5670038	5637472	0.98	cps
Molybdenum	96-1	5976873	6009303	6042111	6009429	0.54	cps
Molybdenum	97-1	3489355	3540118	3534226	3521233	0.79	cps
Molybdenum	98-1	9014723	9068971	9048527	9044074	0.30	cps
Neodymium	150-1	37	33	27	32	15.80	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	4484	4384	4394	4421	1.25	cps
Phosphorus	31-2	708493	701959	695604	702019	0.92	cps
Potassium	39-2	27565529	27109357	27045545	27240143	1.04	cps
Rhodium	103-1	5220743	5128807	5222796	5190782	1.03	cps
Rhodium	103-2	2864362	2889451	2820920	2858244	1.21	cps
Scandium	45-1	3691932	3570333	3590177	3617480	1.80	cps
Scandium	45-2	290170	290757	288348	289758	0.43	cps
Selenium	82-1	48	59	81	62	26.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	183	167	133	161	15.80	cps
Silicon	28-1	480368	473486	472365	475406	0.91	cps
Silver	107-1	220	273	197	230	17.09	cps
Silver	109-1	210	163	190	188	12.47	cps
Sodium	23-2	41292277	41356013	40968650	41205647	0.50	cps
Strontium	86-1	62853	63516	63985	63451	0.90	cps
Strontium	88-1	550422	561410	561486	557773	1.14	cps
Sulfur	34-1	3081528	3058803	3010438	3050256	1.19	cps
Terbium	159-1	8314080	8197268	8345663	8285670	0.94	cps
Terbium	159-2	5129670	5209247	5188461	5175792	0.80	cps
Thallium	203-1	430	407	473	437	7.75	cps
Thallium	205-1	777	977	1263	1006	24.33	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSA12	Instrumnet Name :	P7
Client Sample ID :	ICSA12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:31:00	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2980	2890	2884	2918	1.85	cps
Titanium	47-1	1597101	1627385	1615869	1613451	0.95	cps
Uranium	238-1	277	310	297	294	5.70	cps
Vanadium	51-2	413	403	430	416	3.24	cps
Yttrium	89-1	13591695	13518499	13523960	13544718	0.30	cps
Yttrium	89-2	3137532	3156035	3129821	3141129	0.43	cps
Zinc	66-2	4311	4244	4407	4321	1.90	cps
Zirconium	90-1	527	620	543	563	8.84	cps
Zirconium	91-1	157	117	130	134	15.15	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13370574	13316661	13133226	13273487	0.94	cps
Antimony	121-1	96125	98415	96206	96915	1.34	cps
Arsenic	75-2	4908	4684	5041	4878	3.70	cps
Barium	135-1	29293	29521	29985	29600	1.19	cps
Barium	137-1	51964	51837	50914	51572	1.11	cps
Beryllium	9-1	25922	26359	25958	26080	0.93	cps
Bismuth	209-1	4988386	5010406	5051197	5016663	0.64	cps
Bismuth	209-2	3547509	3535168	3516333	3533003	0.44	cps
Boron	10-1	9543	9820	9850	9738	1.74	cps
Boron	11-1	41739	42822	43491	42684	2.07	cps
Bromine	81-1	36361	37341	38838	37513	3.32	cps
Bromine	81-2	240	257	237	244	4.38	cps
Cadmium	111-1	24782	25803	25301	25295	2.02	cps
Cadmium	106-1	9763	9840	9860	9821	0.52	cps
Cadmium	108-1	3751	3977	3734	3821	3.56	cps
Calcium	43-1	1644627	1674337	1652150	1657038	0.93	cps
Calcium	44-1	26383633	26744636	26583979	26570749	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87468	89869	87693	88343	1.50	cps
Cobalt	59-2	69138	69848	68747	69244	0.81	cps
Copper	63-2	60548	59846	59253	59882	1.08	cps
Dysprosium	156-1	23	27	53	34	47.73	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	83	63	87	78	16.23	cps
Erbium	164-2	50	53	47	50	6.66	cps
Gadolinium	160-1	83	60	43	62	32.29	cps
Gadolinium	160-2	193	253	223	223	13.43	cps
Holmium	165-1	8215276	8249894	8230507	8231893	0.21	cps
Holmium	165-2	5228847	5157170	5209861	5198626	0.71	cps
Indium	115-1	6010341	5843025	5886897	5913421	1.47	cps
Indium	115-2	1959563	1934514	1952483	1948854	0.66	cps
Iron	56-2	199154950	200877457	197367737	199133381	0.88	cps
Iron	57-2	4916724	4904258	4870400	4897127	0.49	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10881007	10881068	10783644	10848573	0.52	cps
Krypton	83-1	90	97	110	99	10.30	cps
Lead	206-1	120727	121345	121204	121092	0.27	cps
Lead	207-1	99437	100183	100269	99963	0.46	cps
Lead	208-1	447623	453376	454414	451804	0.81	cps
Lithium	6-1	1637249	1631260	1624575	1631028	0.39	cps
Magnesium	24-2	23247802	23135670	22845675	23076383	0.90	cps
Manganese	55-2	48137	47017	46986	47380	1.38	cps
Molybdenum	94-1	3449163	3482676	3517806	3483215	0.99	cps
Molybdenum	95-1	5750202	5897302	5852688	5833397	1.29	cps
Molybdenum	96-1	6244717	6296891	6043210	6194939	2.16	cps
Molybdenum	97-1	3637031	3597264	3568691	3600995	0.95	cps
Molybdenum	98-1	9277059	9157830	9282695	9239195	0.76	cps
Neodymium	150-1	40	23	37	33	26.47	cps
Neodymium	150-2	27	33	7	22	62.43	cps
Nickel	60-2	21268	20721	21118	21036	1.34	cps
Phosphorus	31-2	699532	700643	692325	697500	0.65	cps
Potassium	39-2	26953440	26629947	26395300	26659562	1.05	cps
Rhodium	103-1	5265904	5195460	5245043	5235469	0.69	cps
Rhodium	103-2	2870116	2856326	2879906	2868783	0.41	cps
Scandium	45-1	3646233	3656743	3624132	3642369	0.46	cps
Scandium	45-2	294228	291931	293966	293375	0.43	cps
Selenium	82-1	1964	1941	1937	1947	0.77	cps
Selenium	77-2	140	183	190	171	15.87	cps
Selenium	78-2	687	720	700	702	2.39	cps
Silicon	28-1	590114	592854	589867	590945	0.28	cps
Silver	107-1	122894	126291	126358	125181	1.58	cps
Silver	109-1	117978	118301	119232	118504	0.55	cps
Sodium	23-2	40342828	39482502	39277406	39700912	1.42	cps
Strontium	86-1	155309	157205	157360	156625	0.73	cps
Strontium	88-1	1443410	1367304	1366197	1392304	3.18	cps
Sulfur	34-1	2970386	3005643	3026877	3000969	0.95	cps
Terbium	159-1	8450344	8489908	8513642	8484631	0.38	cps
Terbium	159-2	5211481	5233788	5155714	5200328	0.77	cps
Thallium	203-1	114637	114358	114533	114509	0.12	cps
Thallium	205-1	271588	270516	269464	270523	0.39	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	ICSAB12	Instrumnet Name :	P7
Client Sample ID :	ICSAB12	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:34:01	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	211666	212233	211541	211813	0.17	cps
Titanium	47-1	1604903	1601057	1627945	1611302	0.90	cps
Uranium	238-1	886483	908480	902455	899139	1.26	cps
Vanadium	51-2	38415	37908	38228	38184	0.67	cps
Yttrium	89-1	13708368	13728093	13591678	13676046	0.54	cps
Yttrium	89-2	3138918	3100901	3140156	3126658	0.71	cps
Zinc	66-2	11188	11091	10944	11074	1.11	cps
Zirconium	90-1	487146	494053	488277	489825	0.76	cps
Zirconium	91-1	108706	109713	108685	109034	0.54	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6945915	6928171	6872405	6915497	0.55	cps
Antimony	121-1	2363599	2375951	2369277	2369609	0.26	cps
Arsenic	75-2	115609	116509	116805	116308	0.54	cps
Barium	135-1	3728428	3707349	3687063	3707614	0.56	cps
Barium	137-1	6320401	6441933	6477898	6413411	1.29	cps
Beryllium	9-1	600159	607092	608323	605191	0.73	cps
Bismuth	209-1	4799892	4760453	4755500	4771949	0.51	cps
Bismuth	209-2	3325050	3374395	3311980	3337142	0.99	cps
Boron	10-1	233540	243523	251092	242719	3.63	cps
Boron	11-1	973798	1024357	1062113	1020089	4.34	cps
Bromine	81-1	35987	35383	35309	35560	1.05	cps
Bromine	81-2	77	80	73	77	4.35	cps
Cadmium	111-1	604178	609672	607201	607017	0.45	cps
Cadmium	106-1	83622	83528	84162	83771	0.41	cps
Cadmium	108-1	53421	54278	54345	54015	0.95	cps
Calcium	43-1	4146402	4113807	4143647	4134619	0.44	cps
Calcium	44-1	63841573	64770603	65296159	64636112	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1075654	1083013	1080980	1079882	0.35	cps
Cobalt	59-2	1709752	1744751	1697729	1717411	1.42	cps
Copper	63-2	11446035	11566696	11523501	11512077	0.53	cps
Dysprosium	156-1	763	757	657	726	8.24	cps
Dysprosium	156-2	500	563	507	523	6.65	cps
Erbium	164-1	130	133	150	138	7.78	cps
Erbium	164-2	63	77	97	79	21.27	cps
Gadolinium	160-1	773	757	637	722	10.32	cps
Gadolinium	160-2	683	727	667	692	4.47	cps
Holmium	165-1	7974854	7967419	7922754	7955009	0.35	cps
Holmium	165-2	5034443	5091784	5046872	5057700	0.60	cps
Indium	115-1	5657141	5644958	5610657	5637586	0.43	cps
Indium	115-2	1864610	1874677	1859655	1866314	0.41	cps
Iron	56-2	250425936	246829110	245313143	247522730	1.06	cps
Iron	57-2	6227506	6110921	6041366	6126597	1.54	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13530549	13672060	13541851	13581487	0.58	cps
Krypton	83-1	127	180	97	134	31.39	cps
Lead	206-1	12798523	12687581	12813709	12766605	0.54	cps
Lead	207-1	11334212	11318031	11409266	11353836	0.43	cps
Lead	208-1	48918954	48771278	49334534	49008255	0.60	cps
Lithium	6-1	1563590	1584976	1564844	1571137	0.76	cps
Magnesium	24-2	61806921	60955767	61177651	61313446	0.72	cps
Manganese	55-2	8472497	8526388	8418668	8472517	0.64	cps
Molybdenum	94-1	10670950	10612755	10597214	10626973	0.37	cps
Molybdenum	95-1	15501859	15441871	15430021	15457917	0.25	cps
Molybdenum	96-1	16580190	16786669	16738894	16701918	0.65	cps
Molybdenum	97-1	9671280	9558513	9523802	9584531	0.80	cps
Molybdenum	98-1	24914206	24680465	24743292	24779321	0.49	cps
Neodymium	150-1	743	667	743	718	6.17	cps
Neodymium	150-2	90	163	180	144	33.15	cps
Nickel	60-2	399858	400065	400449	400124	0.07	cps
Phosphorus	31-2	70957	69862	69095	69971	1.34	cps
Potassium	39-2	33691724	34020269	33425173	33712388	0.88	cps
Rhodium	103-1	5053048	4976815	4979043	5002968	0.87	cps
Rhodium	103-2	2705860	2740266	2742669	2729598	0.75	cps
Scandium	45-1	3619242	3620713	3634657	3624871	0.23	cps
Scandium	45-2	286145	290249	287558	287984	0.72	cps
Selenium	82-1	46691	47084	48022	47266	1.45	cps
Selenium	77-2	4194	4131	4231	4185	1.21	cps
Selenium	78-2	14190	14340	14190	14240	0.61	cps
Silicon	28-1	32109800	32001455	32144614	32085289	0.23	cps
Silver	107-1	3294390	3327039	3355008	3325479	0.91	cps
Silver	109-1	3220935	3173884	3166418	3187079	0.93	cps
Sodium	23-2	101758925	100638199	99697349	100698157	1.02	cps
Strontium	86-1	25450359	24949625	25115830	25171938	1.01	cps
Strontium	88-1	225266877	220330810	219207697	221601794	1.45	cps
Sulfur	34-1	464798	464156	464891	464615	0.09	cps
Terbium	159-1	8182416	8216308	8037551	8145425	1.17	cps
Terbium	159-2	5027279	5146100	5111756	5095045	1.20	cps
Thallium	203-1	3114621	3085198	3097754	3099191	0.48	cps
Thallium	205-1	7332154	7388628	7474607	7398463	0.97	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:37:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2309862	2276558	2298313	2294911	0.74	cps
Titanium	47-1	3903482	3990700	4016444	3970209	1.49	cps
Uranium	238-1	11124413	10943987	10898161	10988854	1.09	cps
Vanadium	51-2	951870	956127	948746	952248	0.39	cps
Yttrium	89-1	13496817	13359358	13265100	13373758	0.87	cps
Yttrium	89-2	3088968	3123805	3044741	3085838	1.28	cps
Zinc	66-2	1776691	1766609	1757235	1766845	0.55	cps
Zirconium	90-1	5265004	5247246	5247471	5253240	0.19	cps
Zirconium	91-1	1118390	1121391	1129593	1123125	0.52	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	153	170	149	15.88	cps
Antimony	121-1	483	510	550	514	6.52	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	27	10	43	27	62.49	cps
Barium	137-1	33	50	37	40	22.05	cps
Beryllium	9-1	107	130	117	118	9.94	cps
Bismuth	209-1	5658200	5495492	5551351	5568348	1.48	cps
Bismuth	209-2	3981336	4484507	3960149	4141997	7.17	cps
Boron	10-1	3237	2884	2794	2971	7.89	cps
Boron	11-1	14076	13226	12192	13165	7.17	cps
Bromine	81-1	36779	36682	37264	36909	0.84	cps
Bromine	81-2	97	90	80	89	9.44	cps
Cadmium	111-1	641	589	630	620	4.45	cps
Cadmium	106-1	6248	5771	6028	6016	3.97	cps
Cadmium	108-1	10	17	13	13	25.01	cps
Calcium	43-1	83	40	80	68	35.58	cps
Calcium	44-1	9186	9196	8781	9054	2.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693	830	723	749	9.59	cps
Cobalt	59-2	43	70	67	60	24.22	cps
Copper	63-2	993	997	930	973	3.86	cps
Dysprosium	156-1	10	0	7	6	91.64	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	90	60	77	76	19.89	cps
Erbium	164-2	27	43	33	34	24.35	cps
Gadolinium	160-1	40	20	50	37	41.66	cps
Gadolinium	160-2	213	247	207	222	9.64	cps
Holmium	165-1	8507969	8231784	8443708	8394487	1.72	cps
Holmium	165-2	5375442	6048804	5232889	5552378	7.85	cps
Indium	115-1	6348697	6368673	6239443	6318938	1.10	cps
Indium	115-2	2116905	2375155	2084530	2192197	7.27	cps
Iron	56-2	11194	11878	11855	11642	3.33	cps
Iron	57-2	333	413	353	367	11.35	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1327	1650	1583	1520	11.23	cps
Krypton	83-1	137	117	83	112	24.01	cps
Lead	206-1	763	690	727	727	5.05	cps
Lead	207-1	570	647	570	596	7.43	cps
Lead	208-1	3033	2836	2721	2863	5.51	cps
Lithium	6-1	1712601	1733632	1734404	1726879	0.72	cps
Magnesium	24-2	767	763	823	784	4.30	cps
Manganese	55-2	137	170	170	159	12.11	cps
Molybdenum	94-1	380	253	297	310	20.77	cps
Molybdenum	95-1	357	243	203	268	29.70	cps
Molybdenum	96-1	390	317	373	360	10.68	cps
Molybdenum	97-1	207	170	127	168	23.87	cps
Molybdenum	98-1	467	347	383	399	15.42	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	93	67	77	18.95	cps
Phosphorus	31-2	183	273	303	253	24.65	cps
Potassium	39-2	49417	49634	49754	49602	0.35	cps
Rhodium	103-1	5896857	5777200	5921981	5865346	1.32	cps
Rhodium	103-2	3271248	3660834	3180891	3370991	7.57	cps
Scandium	45-1	3847137	3796995	3798298	3814144	0.75	cps
Scandium	45-2	309484	347287	305393	320721	7.20	cps
Selenium	82-1	-38	2	36	0	30154.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	203	197	193	198	2.57	cps
Silicon	28-1	329397	322165	318670	323410	1.69	cps
Silver	107-1	190	187	163	180	8.07	cps
Silver	109-1	133	117	97	116	15.89	cps
Sodium	23-2	24429	24122	24373	24308	0.67	cps
Strontium	86-1	257	220	280	252	11.99	cps
Strontium	88-1	1420	760	933	1038	32.97	cps
Sulfur	34-1	192945	192225	191106	192092	0.48	cps
Terbium	159-1	8725784	8655389	8583868	8655014	0.82	cps
Terbium	159-2	5358824	6005279	5321514	5561873	6.91	cps
Thallium	203-1	297	190	240	242	22.03	cps
Thallium	205-1	587	563	517	556	6.42	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	633	560	550	581	7.83	cps
Titanium	47-1	150	167	200	172	14.78	cps
Uranium	238-1	53	27	50	43	33.52	cps
Vanadium	51-2	23	17	20	20	16.65	cps
Yttrium	89-1	14186766	14122422	14161889	14157026	0.23	cps
Yttrium	89-2	3379323	3696120	3297992	3457812	6.08	cps
Zinc	66-2	160	150	153	154	3.30	cps
Zirconium	90-1	600	497	503	533	10.84	cps
Zirconium	91-1	83	100	90	91	9.21	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3360	3407	3257	3342	2.30	cps
Antimony	121-1	9873	10167	9954	9998	1.52	cps
Arsenic	75-2	303	323	267	298	9.65	cps
Barium	135-1	14177	14701	14387	14422	1.83	cps
Barium	137-1	25179	24725	24838	24914	0.95	cps
Beryllium	9-1	1593	1527	1690	1603	5.12	cps
Bismuth	209-1	5572475	5590124	5352597	5505065	2.40	cps
Bismuth	209-2	3964395	3999713	3958422	3974176	0.56	cps
Boron	10-1	6241	6455	6411	6369	1.77	cps
Boron	11-1	26797	28363	28423	27861	3.31	cps
Bromine	81-1	37093	38447	37849	37796	1.79	cps
Bromine	81-2	57	33	90	60	47.47	cps
Cadmium	111-1	2041	2062	2190	2098	3.84	cps
Cadmium	106-1	6818	6908	6098	6608	6.72	cps
Cadmium	108-1	130	93	133	119	18.67	cps
Calcium	43-1	9353	9663	9883	9633	2.77	cps
Calcium	44-1	160764	164188	163670	162874	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6031	5418	5775	5741	5.37	cps
Cobalt	59-2	4111	3574	3707	3797	7.36	cps
Copper	63-2	6051	6465	6081	6199	3.72	cps
Dysprosium	156-1	3	3	13	7	86.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	67	43	59	22.88	cps
Erbium	164-2	47	30	53	43	27.73	cps
Gadolinium	160-1	27	43	50	40	30.04	cps
Gadolinium	160-2	217	200	260	226	13.73	cps
Holmium	165-1	8382592	8424626	7867509	8224909	3.77	cps
Holmium	165-2	5325344	5384173	5299990	5336502	0.81	cps
Indium	115-1	6240856	6324488	6138054	6234466	1.50	cps
Indium	115-2	2096282	2124207	2119970	2113486	0.71	cps
Iron	56-2	125928	126624	123898	125484	1.13	cps
Iron	57-2	3397	3264	3237	3299	2.60	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8346	8092	7962	8133	2.40	cps
Krypton	83-1	83	77	87	82	6.19	cps
Lead	206-1	5174	5234	5418	5276	2.40	cps
Lead	207-1	4861	4698	4771	4776	1.71	cps
Lead	208-1	20434	21299	21127	20954	2.18	cps
Lithium	6-1	1743339	1724654	1682752	1716915	1.81	cps
Magnesium	24-2	142856	143999	143286	143381	0.40	cps
Manganese	55-2	2150	2194	2100	2148	2.18	cps
Molybdenum	94-1	12305	12629	12986	12640	2.69	cps
Molybdenum	95-1	15662	15165	15658	15495	1.85	cps
Molybdenum	96-1	17310	17224	17237	17257	0.27	cps
Molybdenum	97-1	9326	9543	9667	9512	1.81	cps
Molybdenum	98-1	24794	24671	24290	24585	1.07	cps
Neodymium	150-1	17	3	10	10	66.70	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	927	1083	1053	1021	8.14	cps
Phosphorus	31-2	453	413	427	431	4.72	cps
Potassium	39-2	207913	208146	207974	208011	0.06	cps
Rhodium	103-1	5946001	5989161	5649034	5861399	3.16	cps
Rhodium	103-2	3344831	3281231	3305548	3310537	0.97	cps
Scandium	45-1	3912695	3903347	3694861	3836968	3.21	cps
Scandium	45-2	314314	313562	313132	313669	0.19	cps
Selenium	82-1	523	591	523	546	7.22	cps
Selenium	77-2	60	43	43	49	19.69	cps
Selenium	78-2	357	323	327	336	5.47	cps
Silicon	28-1	361093	359088	357390	359190	0.52	cps
Silver	107-1	7762	7812	7866	7813	0.66	cps
Silver	109-1	7185	7108	6978	7091	1.47	cps
Sodium	23-2	250875	252928	251404	251736	0.42	cps
Strontium	86-1	2177	2107	2090	2125	2.16	cps
Strontium	88-1	17838	18091	17931	17953	0.71	cps
Sulfur	34-1	202689	201092	204544	202775	0.85	cps
Terbium	159-1	8571944	8617573	8302251	8497256	2.01	cps
Terbium	159-2	5281294	5354111	5348516	5327974	0.76	cps
Thallium	203-1	6195	6105	6061	6120	1.11	cps
Thallium	205-1	14084	14575	14338	14332	1.71	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:50:30	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	23893	24374	23990	24086	1.06	cps
Titanium	47-1	4171	4517	4397	4362	4.04	cps
Uranium	238-1	18416	18697	19431	18848	2.78	cps
Vanadium	51-2	10614	10364	10414	10464	1.27	cps
Yttrium	89-1	14156607	14383891	13463561	14001353	3.42	cps
Yttrium	89-2	3335878	3298645	3322657	3319060	0.57	cps
Zinc	66-2	1037	1077	990	1034	4.19	cps
Zirconium	90-1	10487	10737	10554	10593	1.22	cps
Zirconium	91-1	2307	2387	2290	2328	2.22	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448551	447597	449945	448698	0.26	cps
Antimony	121-1	4640216	4614368	4654261	4636282	0.44	cps
Arsenic	75-2	199208	200438	201015	200220	0.46	cps
Barium	135-1	2742524	2749397	2719585	2737169	0.57	cps
Barium	137-1	4715694	4818893	4775484	4770024	1.09	cps
Beryllium	9-1	314375	319688	319347	317803	0.94	cps
Bismuth	209-1	5632414	5747962	5595098	5658491	1.41	cps
Bismuth	209-2	3910991	3905955	4066124	3961023	2.30	cps
Boron	10-1	287348	309872	320314	305845	5.51	cps
Boron	11-1	1226474	1325490	1409260	1320408	6.93	cps
Bromine	81-1	37581	37411	37832	37608	0.56	cps
Bromine	81-2	83	83	90	86	4.50	cps
Cadmium	111-1	753630	762919	760821	759124	0.64	cps
Cadmium	106-1	79637	81413	81775	80942	1.41	cps
Cadmium	108-1	54077	54167	55666	54637	1.63	cps
Calcium	43-1	3527	3587	3384	3499	2.99	cps
Calcium	44-1	1811	2834	3062	2569	25.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	858975	871476	864909	865120	0.72	cps
Cobalt	59-2	3399908	3373875	3375076	3382953	0.43	cps
Copper	63-2	1761955	1773689	1787935	1774527	0.73	cps
Dysprosium	156-1	63	60	93	72	25.43	cps
Dysprosium	156-2	63	80	90	78	17.32	cps
Erbium	164-1	67	57	80	68	17.27	cps
Erbium	164-2	13	40	40	31	49.50	cps
Gadolinium	160-1	37	33	63	44	36.99	cps
Gadolinium	160-2	183	237	237	219	14.07	cps
Holmium	165-1	8449446	8373632	8294368	8372482	0.93	cps
Holmium	165-2	5327803	5280165	5400262	5336077	1.13	cps
Indium	115-1	6310558	6380417	6442777	6377917	1.04	cps
Indium	115-2	2106651	2130119	2172645	2136472	1.57	cps
Iron	56-2	7922173	7938780	7828958	7896637	0.75	cps
Iron	57-2	195039	193337	193924	194100	0.45	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	468320	466650	463567	466179	0.52	cps
Krypton	83-1	100	97	73	90	16.15	cps
Lead	206-1	6423075	6490191	6372712	6428659	0.92	cps
Lead	207-1	5509602	5629653	5542616	5560624	1.12	cps
Lead	208-1	25373822	25879215	25531508	25594848	1.01	cps
Lithium	6-1	1736579	1742536	1735572	1738229	0.22	cps
Magnesium	24-2	500	467	423	463	8.30	cps
Manganese	55-2	2593187	2543490	2578468	2571715	0.99	cps
Molybdenum	94-1	541906	542973	544513	543130	0.24	cps
Molybdenum	95-1	942771	955250	958347	952123	0.87	cps
Molybdenum	96-1	1011782	1021914	1024805	1019500	0.67	cps
Molybdenum	97-1	592897	597635	603758	598097	0.91	cps
Molybdenum	98-1	1575964	1576515	1578668	1577049	0.09	cps
Neodymium	150-1	433	573	527	511	13.95	cps
Neodymium	150-2	67	67	77	70	8.25	cps
Nickel	60-2	990336	989800	990390	990175	0.03	cps
Phosphorus	31-2	217	283	227	242	14.84	cps
Potassium	39-2	49584	49443	49734	49587	0.29	cps
Rhodium	103-1	5979476	5995898	5883646	5953007	1.02	cps
Rhodium	103-2	3237526	3280353	3260703	3259528	0.66	cps
Scandium	45-1	3898400	3926274	3851454	3892043	0.97	cps
Scandium	45-2	313616	316519	316742	315626	0.55	cps
Selenium	82-1	78345	80052	79617	79338	1.12	cps
Selenium	77-2	7198	7208	7379	7262	1.39	cps
Selenium	78-2	23859	24133	24113	24035	0.63	cps
Silicon	28-1	708627	717838	722348	716271	0.98	cps
Silver	107-1	6223449	6363092	6355741	6314094	1.24	cps
Silver	109-1	6086443	6056044	6015277	6052588	0.59	cps
Sodium	23-2	29485	29261	29702	29483	0.75	cps
Strontium	86-1	730148	744160	746575	740294	1.20	cps
Strontium	88-1	6852286	6822829	6864162	6846425	0.31	cps
Sulfur	34-1	196384	198697	199646	198242	0.85	cps
Terbium	159-1	8673753	8787260	8711157	8724057	0.66	cps
Terbium	159-2	5332011	5328518	5352496	5337675	0.24	cps
Thallium	203-1	1939533	1916400	1959659	1938531	1.12	cps
Thallium	205-1	4596270	4694947	4666217	4652478	1.09	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:53:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	627	633	693	651	5.64	cps
Titanium	47-1	147	193	160	167	14.42	cps
Uranium	238-1	73	63	67	68	7.51	cps
Vanadium	51-2	2414488	2491192	2446488	2450723	1.57	cps
Yttrium	89-1	14312764	14529858	14129367	14323996	1.40	cps
Yttrium	89-2	3260074	3303307	3339383	3300921	1.20	cps
Zinc	66-2	197575	196394	197406	197125	0.32	cps
Zirconium	90-1	1493	1463	1590	1516	4.37	cps
Zirconium	91-1	840	963	1033	946	10.35	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8362	8516	9026	8635	4.02	cps
Antimony	121-1	1970	2067	2270	2102	7.28	cps
Arsenic	75-2	17	20	7	14	48.02	cps
Barium	135-1	187	237	177	200	16.07	cps
Barium	137-1	307	367	270	314	15.52	cps
Beryllium	9-1	180	117	173	157	22.21	cps
Bismuth	209-1	5677160	5556325	5488187	5573890	1.72	cps
Bismuth	209-2	4032762	3955778	3936070	3974870	1.29	cps
Boron	10-1	52164	53425	52184	52591	1.37	cps
Boron	11-1	231415	234285	228990	231564	1.14	cps
Bromine	81-1	37354	37468	37010	37277	0.64	cps
Bromine	81-2	93	67	83	81	16.60	cps
Cadmium	111-1	671	679	665	672	1.02	cps
Cadmium	106-1	6512	6522	6438	6490	0.70	cps
Cadmium	108-1	33	23	17	24	34.31	cps
Calcium	43-1	117	153	127	132	14.34	cps
Calcium	44-1	11803	11594	11753	11716	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	770	830	837	812	4.52	cps
Cobalt	59-2	197	213	193	201	5.33	cps
Copper	63-2	910	1007	1003	973	5.64	cps
Dysprosium	156-1	20	20	7	16	49.47	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	60	60	97	72	29.31	cps
Erbium	164-2	33	30	37	33	10.01	cps
Gadolinium	160-1	40	47	43	43	7.70	cps
Gadolinium	160-2	213	247	237	232	7.37	cps
Holmium	165-1	8557247	8381239	8340901	8426462	1.37	cps
Holmium	165-2	5318577	5325668	5322504	5322250	0.07	cps
Indium	115-1	6334749	6236376	6238493	6269873	0.90	cps
Indium	115-2	2078900	2090679	2111125	2093568	0.78	cps
Iron	56-2	11781	11444	11928	11718	2.12	cps
Iron	57-2	427	340	387	384	11.28	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1443	1460	1627	1510	6.71	cps
Krypton	83-1	77	120	70	89	30.54	cps
Lead	206-1	803	1087	1203	1031	19.95	cps
Lead	207-1	690	920	960	857	17.01	cps
Lead	208-1	3409	4205	4437	4017	13.41	cps
Lithium	6-1	1770006	1730097	1741164	1747089	1.18	cps
Magnesium	24-2	570	443	510	508	12.48	cps
Manganese	55-2	183	130	147	153	17.80	cps
Molybdenum	94-1	4077	3914	4037	4009	2.12	cps
Molybdenum	95-1	193	227	170	197	14.48	cps
Molybdenum	96-1	910	927	823	887	6.26	cps
Molybdenum	97-1	127	193	83	134	41.22	cps
Molybdenum	98-1	240	457	253	317	38.35	cps
Neodymium	150-1	27	13	10	17	52.93	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	230	250	243	241	4.23	cps
Phosphorus	31-2	300	250	243	264	11.71	cps
Potassium	39-2	50226	50510	50935	50557	0.71	cps
Rhodium	103-1	6001530	5875048	5953861	5943480	1.07	cps
Rhodium	103-2	3254861	3232333	3296705	3261300	1.00	cps
Scandium	45-1	3888030	3797275	3840354	3841887	1.18	cps
Scandium	45-2	313440	310643	313426	312503	0.52	cps
Selenium	82-1	48	13	34	32	55.02	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	173	150	173	166	8.14	cps
Silicon	28-1	6974916	7005526	7021231	7000558	0.34	cps
Silver	107-1	797	613	420	610	30.88	cps
Silver	109-1	687	643	363	564	31.10	cps
Sodium	23-2	91878	91808	92512	92066	0.42	cps
Strontium	86-1	190	543	163	299	70.98	cps
Strontium	88-1	420	2217	377	1004	104.54	cps
Sulfur	34-1	191514	195004	195625	194047	1.14	cps
Terbium	159-1	8779806	8583793	8714518	8692706	1.15	cps
Terbium	159-2	5336198	5365715	5386727	5362880	0.47	cps
Thallium	203-1	270	237	240	249	7.38	cps
Thallium	205-1	650	600	587	612	5.45	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:56:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5032018	5005340	5023527	5020295	0.27	cps
Titanium	47-1	204937	204484	203937	204453	0.25	cps
Uranium	238-1	183	200	213	199	7.56	cps
Vanadium	51-2	57	83	83	74	20.68	cps
Yttrium	89-1	14424042	14277014	14274651	14325235	0.60	cps
Yttrium	89-2	3319756	3316870	3297943	3311523	0.36	cps
Zinc	66-2	273	243	280	266	7.36	cps
Zirconium	90-1	10944	11018	10884	10949	0.61	cps
Zirconium	91-1	2310	2360	2444	2371	2.84	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260	277	267	268	3.13	cps
Antimony	121-1	350	300	277	309	12.13	cps
Arsenic	75-2	13	17	13	14	13.35	cps
Barium	135-1	243	327	273	281	15.01	cps
Barium	137-1	543	523	487	518	5.55	cps
Beryllium	9-1	127	97	103	109	14.47	cps
Bismuth	209-1	8011933	7606640	7180244	7599606	5.47	cps
Bismuth	209-2	5035047	5004204	4953859	4997703	0.82	cps
Boron	10-1	6942	5911	6111	6321	8.64	cps
Boron	11-1	29565	28473	26166	28068	6.18	cps
Bromine	81-1	37504	37862	34804	36724	4.55	cps
Bromine	81-2	243	263	257	254	4.00	cps
Cadmium	111-1	987	874	881	914	6.96	cps
Cadmium	106-1	9286	8289	8476	8684	6.11	cps
Cadmium	108-1	40	17	10	22	70.88	cps
Calcium	43-1	870860	841828	801013	837900	4.19	cps
Calcium	44-1	13336093	12842538	12188212	12788948	4.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140	143	173	152	12.06	cps
Cobalt	59-2	190	173	117	160	24.03	cps
Copper	63-2	967	1000	823	930	10.09	cps
Dysprosium	156-1	0	17	7	8	107.84	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	93	73	63	77	19.93	cps
Erbium	164-2	53	30	47	43	27.73	cps
Gadolinium	160-1	67	73	57	66	12.79	cps
Gadolinium	160-2	263	287	290	280	5.19	cps
Holmium	165-1	12443239	11471923	11175054	11696739	5.67	cps
Holmium	165-2	6893486	6843045	6756861	6831131	1.01	cps
Indium	115-1	9085653	8689702	8624240	8799865	2.84	cps
Indium	115-2	2754782	2711226	2655996	2707334	1.83	cps
Iron	56-2	10080	10020	9933	10011	0.74	cps
Iron	57-2	8789	9073	8953	8938	1.59	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	600	523	570	564	6.84	cps
Krypton	83-1	80	83	113	92	19.91	cps
Lead	206-1	3697	3420	3234	3450	6.76	cps
Lead	207-1	2854	2970	2907	2910	2.01	cps
Lead	208-1	13385	12726	11900	12670	5.87	cps
Lithium	6-1	2708863	2497123	2363187	2523058	6.91	cps
Magnesium	24-2	4616088	4725983	4716497	4686189	1.30	cps
Manganese	55-2	197	207	150	184	16.40	cps
Molybdenum	94-1	263	160	230	218	24.22	cps
Molybdenum	95-1	253	250	280	261	6.30	cps
Molybdenum	96-1	247	330	280	286	14.69	cps
Molybdenum	97-1	113	203	153	157	28.78	cps
Molybdenum	98-1	327	363	340	343	5.41	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	153	143	143	147	3.94	cps
Phosphorus	31-2	173	157	153	161	6.65	cps
Potassium	39-2	4425531	4501020	4478264	4468272	0.87	cps
Rhodium	103-1	8376562	7867967	7875669	8040066	3.62	cps
Rhodium	103-2	4160884	4049070	4045210	4085055	1.61	cps
Scandium	45-1	5831422	5479965	5330393	5547260	4.64	cps
Scandium	45-2	414409	413379	408954	412247	0.70	cps
Selenium	82-1	83	70	24	59	52.89	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	190	153	130	158	19.17	cps
Silicon	28-1	292879	282937	258847	278221	6.29	cps
Silver	107-1	340	167	160	222	45.94	cps
Silver	109-1	80	110	110	100	17.32	cps
Sodium	23-2	39432365	39716004	39864684	39671018	0.55	cps
Strontium	86-1	14037	13887	13883	13936	0.63	cps
Strontium	88-1	125184	122330	116641	121385	3.58	cps
Sulfur	34-1	185613	195152	201922	194229	4.22	cps
Terbium	159-1	12689252	12057782	11799448	12182161	3.76	cps
Terbium	159-2	7008534	6915700	6767231	6897155	1.76	cps
Thallium	203-1	2247	1950	1640	1946	15.59	cps
Thallium	205-1	5725	4394	3894	4671	20.26	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:59:59	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	430	437	387	418	6.50	cps
Titanium	47-1	150	113	127	130	14.28	cps
Uranium	238-1	3	17	10	10	66.70	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	21567873	20321176	19050175	20313074	6.20	cps
Yttrium	89-2	4422113	4322540	4254137	4332930	1.95	cps
Zinc	66-2	307	310	290	302	3.54	cps
Zirconium	90-1	420	413	360	398	8.27	cps
Zirconium	91-1	70	50	50	57	20.38	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447730	446841	445410	446660	0.26	cps
Antimony	121-1	4605551	4646865	4648341	4633586	0.52	cps
Arsenic	75-2	199934	200853	199653	200147	0.31	cps
Barium	135-1	2746762	2743796	2772649	2754402	0.58	cps
Barium	137-1	4770417	4843177	4765737	4793110	0.91	cps
Beryllium	9-1	312232	319441	320850	317508	1.46	cps
Bismuth	209-1	5194446	5547605	5608834	5450295	4.10	cps
Bismuth	209-2	3968141	4024042	3916693	3969625	1.35	cps
Boron	10-1	302403	322079	329376	317953	4.39	cps
Boron	11-1	1298349	1361095	1439636	1366360	5.18	cps
Bromine	81-1	36839	36606	36435	36627	0.55	cps
Bromine	81-2	97	113	97	102	9.41	cps
Cadmium	111-1	752994	763514	769059	761856	1.07	cps
Cadmium	106-1	80257	82281	81681	81406	1.28	cps
Cadmium	108-1	53830	54241	53967	54012	0.39	cps
Calcium	43-1	3387	3537	3194	3373	5.10	cps
Calcium	44-1	2489	2201	1502	2064	24.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	860453	859891	862149	860831	0.14	cps
Cobalt	59-2	3384851	3426123	3375224	3395399	0.80	cps
Copper	63-2	1765413	1759080	1751575	1758690	0.39	cps
Dysprosium	156-1	100	73	67	80	22.05	cps
Dysprosium	156-2	53	93	77	74	26.99	cps
Erbium	164-1	83	83	50	72	26.65	cps
Erbium	164-2	50	47	40	46	11.18	cps
Gadolinium	160-1	47	53	33	44	22.92	cps
Gadolinium	160-2	210	243	210	221	8.71	cps
Holmium	165-1	7905655	8279747	8371974	8185792	3.02	cps
Holmium	165-2	5388443	5402912	5275132	5355496	1.31	cps
Indium	115-1	5841481	6227165	6364235	6144294	4.41	cps
Indium	115-2	2139321	2104454	2076763	2106846	1.49	cps
Iron	56-2	7864686	7810020	7779705	7818137	0.55	cps
Iron	57-2	192780	193843	193058	193227	0.29	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	467986	465320	463719	465675	0.46	cps
Krypton	83-1	90	67	87	81	15.56	cps
Lead	206-1	6478723	6585362	6557997	6540694	0.85	cps
Lead	207-1	5529037	5665983	5563877	5586299	1.27	cps
Lead	208-1	25368189	25817920	25460119	25548743	0.93	cps
Lithium	6-1	1662588	1712311	1751825	1708908	2.62	cps
Magnesium	24-2	463	427	490	460	6.91	cps
Manganese	55-2	2517009	2536464	2554463	2535979	0.74	cps
Molybdenum	94-1	533079	546324	546328	541910	1.41	cps
Molybdenum	95-1	935532	956245	963742	951840	1.54	cps
Molybdenum	96-1	1006385	1021406	1020273	1016021	0.82	cps
Molybdenum	97-1	586776	600439	598879	595365	1.26	cps
Molybdenum	98-1	1548866	1587216	1589446	1575176	1.45	cps
Neodymium	150-1	507	480	567	518	8.57	cps
Neodymium	150-2	83	90	97	90	7.41	cps
Nickel	60-2	985821	996162	988860	990281	0.54	cps
Phosphorus	31-2	273	227	293	264	12.94	cps
Potassium	39-2	49948	50119	48922	49663	1.30	cps
Rhodium	103-1	5492778	5737460	5896734	5708991	3.56	cps
Rhodium	103-2	3220525	3259826	3197418	3225923	0.98	cps
Scandium	45-1	3544743	3782631	3828653	3718676	4.10	cps
Scandium	45-2	314808	313750	311829	313462	0.48	cps
Selenium	82-1	78813	80058	80187	79686	0.95	cps
Selenium	77-2	7322	7265	7085	7224	1.71	cps
Selenium	78-2	24103	23816	24006	23975	0.61	cps
Silicon	28-1	714345	722443	723609	720133	0.70	cps
Silver	107-1	6223781	6290977	6233030	6249262	0.58	cps
Silver	109-1	5968412	5880391	5952001	5933602	0.79	cps
Sodium	23-2	31766	31536	31319	31540	0.71	cps
Strontium	86-1	732252	743092	744792	740045	0.92	cps
Strontium	88-1	6637247	6871878	6875418	6794848	2.01	cps
Sulfur	34-1	188882	189529	191268	189893	0.65	cps
Terbium	159-1	8066656	8504328	8499522	8356835	3.01	cps
Terbium	159-2	5317365	5340197	5304465	5320676	0.34	cps
Thallium	203-1	1921170	1962154	1967455	1950260	1.30	cps
Thallium	205-1	4613809	4658192	4645702	4639234	0.49	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:07:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	680	637	717	678	5.91	cps
Titanium	47-1	173	143	150	156	10.13	cps
Uranium	238-1	50	47	40	46	11.18	cps
Vanadium	51-2	2467485	2441096	2453433	2454005	0.54	cps
Yttrium	89-1	13244560	14011178	14021318	13759019	3.24	cps
Yttrium	89-2	3281951	3284478	3294765	3287065	0.21	cps
Zinc	66-2	196744	196400	197243	196796	0.22	cps
Zirconium	90-1	1327	1223	1293	1281	4.12	cps
Zirconium	91-1	887	880	1023	930	8.70	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8716	8706	8736	8719	0.18	cps
Antimony	121-1	2810	2767	2987	2855	4.08	cps
Arsenic	75-2	23	40	13	26	52.73	cps
Barium	135-1	607	347	323	426	36.96	cps
Barium	137-1	1090	657	523	757	39.16	cps
Beryllium	9-1	307	207	183	232	28.21	cps
Bismuth	209-1	5752957	5679449	5572475	5668294	1.60	cps
Bismuth	209-2	3949077	3972615	3957839	3959844	0.30	cps
Boron	10-1	58854	58061	56793	57903	1.80	cps
Boron	11-1	256629	255466	253013	255036	0.72	cps
Bromine	81-1	36298	35613	35763	35892	1.00	cps
Bromine	81-2	53	97	50	67	39.06	cps
Cadmium	111-1	769	698	711	726	5.21	cps
Cadmium	106-1	6585	6405	6331	6440	2.02	cps
Cadmium	108-1	37	27	27	30	19.24	cps
Calcium	43-1	137	137	127	133	4.33	cps
Calcium	44-1	11734	11544	11964	11747	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833	853	807	831	2.82	cps
Cobalt	59-2	260	203	273	246	15.14	cps
Copper	63-2	1043	920	1000	988	6.33	cps
Dysprosium	156-1	17	10	13	13	25.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	53	83	73	70	21.82	cps
Erbium	164-2	60	40	33	44	31.23	cps
Gadolinium	160-1	33	53	77	54	39.84	cps
Gadolinium	160-2	203	200	187	197	4.48	cps
Holmium	165-1	8511896	8487724	8451257	8483626	0.36	cps
Holmium	165-2	5337297	5308836	5253629	5299921	0.80	cps
Indium	115-1	6360913	6288623	6207292	6285609	1.22	cps
Indium	115-2	2057518	2048074	2086357	2063983	0.97	cps
Iron	56-2	11168	11098	10937	11067	1.07	cps
Iron	57-2	417	393	373	394	5.50	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1453	1463	1460	1459	0.35	cps
Krypton	83-1	53	70	93	72	27.82	cps
Lead	206-1	1810	1483	1313	1536	16.44	cps
Lead	207-1	1473	1327	1213	1338	9.74	cps
Lead	208-1	6899	6029	5301	6076	13.16	cps
Lithium	6-1	1810655	1749328	1754717	1771567	1.92	cps
Magnesium	24-2	570	603	593	589	2.91	cps
Manganese	55-2	240	220	237	232	4.61	cps
Molybdenum	94-1	3707	3961	3637	3768	4.52	cps
Molybdenum	95-1	420	260	167	282	45.40	cps
Molybdenum	96-1	1040	813	873	909	12.92	cps
Molybdenum	97-1	190	183	123	166	22.18	cps
Molybdenum	98-1	483	393	380	419	13.42	cps
Neodymium	150-1	20	37	20	26	37.66	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	233	257	200	230	12.38	cps
Phosphorus	31-2	237	237	313	262	16.88	cps
Potassium	39-2	49768	49420	49209	49465	0.57	cps
Rhodium	103-1	6064026	5952387	5823957	5946790	2.02	cps
Rhodium	103-2	3238403	3237088	3184417	3219969	0.96	cps
Scandium	45-1	3895079	3797836	3898022	3863646	1.48	cps
Scandium	45-2	311124	310704	308287	310038	0.49	cps
Selenium	82-1	79	40	25	48	57.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	187	153	162	13.21	cps
Silicon	28-1	6889364	6995487	6966517	6950456	0.79	cps
Silver	107-1	1903	1257	743	1301	44.68	cps
Silver	109-1	1763	1107	673	1181	46.47	cps
Sodium	23-2	93394	93029	93555	93326	0.29	cps
Strontium	86-1	327	213	200	247	28.22	cps
Strontium	88-1	1510	853	920	1095	33.02	cps
Sulfur	34-1	186820	187154	183720	185898	1.02	cps
Terbium	159-1	8871569	8710406	8552623	8711533	1.83	cps
Terbium	159-2	5360552	5266967	5323280	5316933	0.89	cps
Thallium	203-1	527	410	330	422	23.42	cps
Thallium	205-1	1257	977	783	1006	23.67	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:10:23	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4979210	5036747	4952495	4989484	0.86	cps
Titanium	47-1	202438	204734	203107	203426	0.58	cps
Uranium	238-1	110	123	93	109	13.81	cps
Vanadium	51-2	77	113	120	103	22.58	cps
Yttrium	89-1	14549193	14161221	14121884	14277433	1.65	cps
Yttrium	89-2	3301188	3249608	3203979	3251591	1.50	cps
Zinc	66-2	277	213	250	247	12.89	cps
Zirconium	90-1	9957	10184	10140	10094	1.19	cps
Zirconium	91-1	2270	2280	2244	2265	0.84	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	137	120	140	15.61	cps
Antimony	121-1	337	370	363	357	4.95	cps
Arsenic	75-2	0	3	10	4	114.60	cps
Barium	135-1	270	287	320	292	8.71	cps
Barium	137-1	493	500	483	492	1.70	cps
Beryllium	9-1	130	120	130	127	4.56	cps
Bismuth	209-1	8203612	7731054	7292879	7742515	5.88	cps
Bismuth	209-2	4986389	4944452	4890508	4940450	0.97	cps
Boron	10-1	9300	8819	8696	8938	3.57	cps
Boron	11-1	41034	40169	38220	39808	3.62	cps
Bromine	81-1	33705	35486	34537	34576	2.58	cps
Bromine	81-2	250	253	240	248	2.80	cps
Cadmium	111-1	946	962	902	936	3.32	cps
Cadmium	106-1	8736	8553	8443	8577	1.73	cps
Cadmium	108-1	7	10	13	10	33.30	cps
Calcium	43-1	855468	836968	797227	829888	3.59	cps
Calcium	44-1	13430386	12956546	12194003	12860312	4.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100	143	177	140	27.46	cps
Cobalt	59-2	183	153	147	161	12.12	cps
Copper	63-2	930	880	823	878	6.08	cps
Dysprosium	156-1	10	20	3	11	75.52	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	87	97	83	89	7.81	cps
Erbium	164-2	50	53	43	49	10.42	cps
Gadolinium	160-1	40	63	40	48	28.19	cps
Gadolinium	160-2	260	267	307	278	9.09	cps
Holmium	165-1	12857231	11829888	11214915	11967345	6.93	cps
Holmium	165-2	6969986	6872173	6734653	6858937	1.72	cps
Indium	115-1	9210830	8772196	8370328	8784451	4.79	cps
Indium	115-2	2724721	2702470	2643099	2690097	1.57	cps
Iron	56-2	9306	9286	9343	9312	0.31	cps
Iron	57-2	8736	9096	8886	8906	2.03	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	513	530	483	509	4.65	cps
Krypton	83-1	117	67	113	99	28.27	cps
Lead	206-1	3921	3530	3317	3589	8.53	cps
Lead	207-1	3297	3087	2954	3113	5.56	cps
Lead	208-1	13904	12916	11766	12862	8.32	cps
Lithium	6-1	2627437	2579728	2396218	2534461	4.82	cps
Magnesium	24-2	4709834	4654880	4605444	4656719	1.12	cps
Manganese	55-2	207	187	120	171	26.52	cps
Molybdenum	94-1	260	240	190	230	15.68	cps
Molybdenum	95-1	207	233	153	198	20.60	cps
Molybdenum	96-1	250	203	247	233	11.16	cps
Molybdenum	97-1	193	107	130	143	31.29	cps
Molybdenum	98-1	370	333	307	337	9.45	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	180	163	153	166	8.13	cps
Phosphorus	31-2	90	173	143	136	31.14	cps
Potassium	39-2	4422440	4426989	4349111	4399514	0.99	cps
Rhodium	103-1	8225219	7968781	7620390	7938130	3.82	cps
Rhodium	103-2	4068791	3988294	3966258	4007781	1.35	cps
Scandium	45-1	5889369	5533120	5338717	5587069	5.00	cps
Scandium	45-2	412319	412036	402920	409092	1.31	cps
Selenium	82-1	35	42	21	33	32.22	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	230	197	160	196	17.90	cps
Silicon	28-1	297987	269418	260239	275882	7.14	cps
Silver	107-1	277	240	200	239	16.05	cps
Silver	109-1	183	157	130	157	17.02	cps
Sodium	23-2	39919798	39178360	39821768	39639975	1.02	cps
Strontium	86-1	14544	13810	13560	13971	3.66	cps
Strontium	88-1	123587	122351	117319	121086	2.74	cps
Sulfur	34-1	176247	188065	195324	186545	5.16	cps
Terbium	159-1	12794366	12141396	11596581	12177448	4.92	cps
Terbium	159-2	6874034	6888774	6767869	6843559	0.96	cps
Thallium	203-1	1087	1003	970	1020	5.89	cps
Thallium	205-1	2434	2437	2464	2445	0.67	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:13:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2157	1110	763	1343	54.00	cps
Titanium	47-1	210	183	147	180	17.66	cps
Uranium	238-1	3	10	3	6	69.34	cps
Vanadium	51-2	23	27	17	22	22.91	cps
Yttrium	89-1	21186046	20264413	19174363	20208274	4.98	cps
Yttrium	89-2	4347450	4268124	4192287	4269287	1.82	cps
Zinc	66-2	257	293	313	288	9.99	cps
Zirconium	90-1	407	420	403	410	2.15	cps
Zirconium	91-1	57	43	53	51	13.58	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219028	221160	219545	219911	0.51	cps
Antimony	121-1	2204997	2228540	2305154	2246230	2.33	cps
Arsenic	75-2	99067	98863	98148	98693	0.49	cps
Barium	135-1	1182709	1195751	1216396	1198286	1.42	cps
Barium	137-1	2223179	2343238	2294666	2287028	2.64	cps
Beryllium	9-1	154105	154976	157165	155415	1.01	cps
Bismuth	209-1	5440444	5499113	5498489	5479349	0.61	cps
Bismuth	209-2	3895195	3918754	3828159	3880703	1.21	cps
Boron	10-1	145516	153726	161318	153520	5.15	cps
Boron	11-1	648313	694060	714116	685496	4.92	cps
Bromine	81-1	36458	36021	35820	36100	0.90	cps
Bromine	81-2	150	87	107	114	28.29	cps
Cadmium	111-1	366676	370103	376117	370965	1.29	cps
Cadmium	106-1	41486	42759	42769	42338	1.74	cps
Cadmium	108-1	26521	26925	26635	26693	0.78	cps
Calcium	43-1	1827	1770	1740	1779	2.47	cps
Calcium	44-1	7114	6486	6230	6610	6.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	421908	419857	418704	420156	0.39	cps
Cobalt	59-2	1621686	1634431	1640871	1632329	0.60	cps
Copper	63-2	805943	801834	806154	804644	0.30	cps
Dysprosium	156-1	50	60	40	50	20.00	cps
Dysprosium	156-2	47	40	37	41	12.39	cps
Erbium	164-1	63	63	53	60	9.62	cps
Erbium	164-2	47	50	27	41	30.69	cps
Gadolinium	160-1	43	33	27	34	24.35	cps
Gadolinium	160-2	177	267	223	222	20.25	cps
Holmium	165-1	8118684	8109248	8235559	8154497	0.86	cps
Holmium	165-2	5231040	5181933	5127966	5180313	1.00	cps
Indium	115-1	6162336	6131858	6166042	6153412	0.30	cps
Indium	115-2	2054569	2049415	2037075	2047019	0.44	cps
Iron	56-2	3836935	3853542	3845782	3845420	0.22	cps
Iron	57-2	95957	94716	95347	95340	0.65	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	228500	226186	227188	227291	0.51	cps
Krypton	83-1	90	103	80	91	12.85	cps
Lead	206-1	3103186	3258183	3150771	3170713	2.50	cps
Lead	207-1	2693999	2696370	2711645	2700671	0.35	cps
Lead	208-1	12294034	12461513	12512299	12422615	0.92	cps
Lithium	6-1	1726807	1719426	1701265	1715833	0.77	cps
Magnesium	24-2	507	593	453	518	13.65	cps
Manganese	55-2	1229041	1229756	1223952	1227583	0.26	cps
Molybdenum	94-1	261071	262736	264859	262889	0.72	cps
Molybdenum	95-1	458689	464184	464798	462557	0.73	cps
Molybdenum	96-1	489490	494393	497968	493950	0.86	cps
Molybdenum	97-1	287144	291750	291437	290110	0.89	cps
Molybdenum	98-1	733101	740530	748022	740551	1.01	cps
Neodymium	150-1	213	263	320	266	20.10	cps
Neodymium	150-2	40	33	60	44	31.23	cps
Nickel	60-2	485276	483114	479974	482788	0.55	cps
Phosphorus	31-2	220	220	293	244	17.32	cps
Potassium	39-2	49527	49731	48731	49330	1.07	cps
Rhodium	103-1	5657999	5740356	5736636	5711663	0.81	cps
Rhodium	103-2	3091008	3108641	3155100	3118249	1.06	cps
Scandium	45-1	3791053	3780304	3716653	3762670	1.07	cps
Scandium	45-2	304536	305569	308970	306358	0.76	cps
Selenium	82-1	38691	38643	38944	38760	0.42	cps
Selenium	77-2	3550	3534	3447	3510	1.58	cps
Selenium	78-2	12285	11691	11838	11938	2.59	cps
Silicon	28-1	523870	524851	524238	524320	0.09	cps
Silver	107-1	3025753	3114875	3095529	3078719	1.52	cps
Silver	109-1	2893691	2942792	2927250	2921244	0.86	cps
Sodium	23-2	29886	29679	28884	29483	1.79	cps
Strontium	86-1	354416	361303	359594	358438	1.00	cps
Strontium	88-1	3265505	3282196	3296707	3281470	0.48	cps
Sulfur	34-1	212662	206053	200629	206448	2.92	cps
Terbium	159-1	8310024	8429671	8474736	8404810	1.01	cps
Terbium	159-2	5203632	5227367	5173082	5201360	0.52	cps
Thallium	203-1	801978	813019	814036	809677	0.83	cps
Thallium	205-1	2237205	2256751	2292254	2262070	1.23	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	763	727	670	720	6.53	cps
Titanium	47-1	197	167	210	191	11.61	cps
Uranium	238-1	50	37	53	47	18.89	cps
Vanadium	51-2	1180061	1184755	1171551	1178789	0.57	cps
Yttrium	89-1	13414329	13704341	13901449	13673373	1.79	cps
Yttrium	89-2	3210826	3176021	3208723	3198523	0.61	cps
Zinc	66-2	98106	96247	96992	97115	0.96	cps
Zirconium	90-1	787	753	787	776	2.48	cps
Zirconium	91-1	427	447	487	453	6.74	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224742	224210	225881	224944	0.38	cps
Antimony	121-1	2289911	2326220	2328569	2314900	0.94	cps
Arsenic	75-2	101198	100799	101252	101083	0.24	cps
Barium	135-1	1222196	1250152	1265330	1245892	1.76	cps
Barium	137-1	2327091	2396137	2411021	2378083	1.88	cps
Beryllium	9-1	155640	156101	157667	156469	0.68	cps
Bismuth	209-1	5566419	5613308	5583089	5587606	0.43	cps
Bismuth	209-2	3939649	4004166	3988370	3977395	0.85	cps
Boron	10-1	153733	163120	167591	161481	4.38	cps
Boron	11-1	687559	725065	744743	719122	4.04	cps
Bromine	81-1	36532	37204	37130	36955	1.00	cps
Bromine	81-2	77	73	100	83	17.44	cps
Cadmium	111-1	379182	385932	388359	384491	1.24	cps
Cadmium	106-1	44013	44899	44351	44421	1.01	cps
Cadmium	108-1	27292	27292	27730	27438	0.92	cps
Calcium	43-1	1873	1843	1843	1853	0.93	cps
Calcium	44-1	5490	5434	5333	5419	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	435413	436939	434126	435493	0.32	cps
Cobalt	59-2	1708593	1696237	1689334	1698055	0.57	cps
Copper	63-2	827934	830042	832355	830110	0.27	cps
Dysprosium	156-1	27	27	33	29	13.31	cps
Dysprosium	156-2	43	53	27	41	32.76	cps
Erbium	164-1	47	50	70	56	22.71	cps
Erbium	164-2	20	30	33	28	24.98	cps
Gadolinium	160-1	30	33	37	33	10.01	cps
Gadolinium	160-2	277	267	260	268	3.13	cps
Holmium	165-1	8344104	8377922	8434729	8385585	0.55	cps
Holmium	165-2	5305195	5300715	5375232	5327047	0.78	cps
Indium	115-1	6290289	6315858	6405983	6337376	0.96	cps
Indium	115-2	2110564	2143781	2096165	2116837	1.15	cps
Iron	56-2	3910431	3925887	3964698	3933672	0.71	cps
Iron	57-2	97470	97792	97396	97553	0.22	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	233330	236298	234589	234739	0.63	cps
Krypton	83-1	83	97	90	90	7.41	cps
Lead	206-1	3200445	3308734	3262486	3257222	1.67	cps
Lead	207-1	2780007	2788067	2838963	2802346	1.14	cps
Lead	208-1	12736399	12886249	12954047	12858898	0.87	cps
Lithium	6-1	1721911	1743596	1769106	1744871	1.35	cps
Magnesium	24-2	497	417	450	454	8.84	cps
Manganese	55-2	1259474	1260871	1263054	1261133	0.14	cps
Molybdenum	94-1	267845	271939	273051	270945	1.01	cps
Molybdenum	95-1	468985	476486	482271	475914	1.40	cps
Molybdenum	96-1	504572	512608	516522	511234	1.19	cps
Molybdenum	97-1	296762	299282	302361	299468	0.94	cps
Molybdenum	98-1	756441	771138	774865	767481	1.27	cps
Neodymium	150-1	227	250	213	230	8.07	cps
Neodymium	150-2	43	37	40	40	8.32	cps
Nickel	60-2	498408	497461	499144	498337	0.17	cps
Phosphorus	31-2	213	307	213	244	22.04	cps
Potassium	39-2	48828	49584	50209	49540	1.40	cps
Rhodium	103-1	5893997	5921525	5865943	5893822	0.47	cps
Rhodium	103-2	3253720	3225525	3262107	3247117	0.59	cps
Scandium	45-1	3847109	3850515	3788769	3828798	0.91	cps
Scandium	45-2	312678	311745	316266	313563	0.76	cps
Selenium	82-1	39472	40264	40281	40006	1.16	cps
Selenium	77-2	3440	3607	3540	3529	2.38	cps
Selenium	78-2	11912	11902	12162	11992	1.23	cps
Silicon	28-1	517221	523031	519828	520027	0.56	cps
Silver	107-1	3127754	3155889	3184264	3155969	0.90	cps
Silver	109-1	3013718	2989547	3043785	3015683	0.90	cps
Sodium	23-2	25494	26426	25458	25793	2.13	cps
Strontium	86-1	368953	372579	373807	371780	0.68	cps
Strontium	88-1	3396082	3479990	3521475	3465849	1.84	cps
Sulfur	34-1	197080	196654	192020	195251	1.44	cps
Terbium	159-1	8652629	8650958	8581953	8628513	0.47	cps
Terbium	159-2	5335109	5360721	5432581	5376137	0.94	cps
Thallium	203-1	831566	840517	849105	840396	1.04	cps
Thallium	205-1	2294946	2315609	2340095	2316883	0.98	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:57	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	770	867	810	816	5.96	cps
Titanium	47-1	143	187	150	160	14.58	cps
Uranium	238-1	590	640	527	586	9.70	cps
Vanadium	51-2	1217353	1214586	1212534	1214824	0.20	cps
Yttrium	89-1	13919430	14154260	14044906	14039532	0.84	cps
Yttrium	89-2	3316886	3256161	3348414	3307154	1.42	cps
Zinc	66-2	99764	99150	99310	99408	0.32	cps
Zirconium	90-1	817	780	783	793	2.56	cps
Zirconium	91-1	500	453	433	462	7.40	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	187	203	207	10.58	cps
Antimony	121-1	1913	1813	1847	1858	2.74	cps
Arsenic	75-2	30	30	13	24	39.37	cps
Barium	135-1	490	330	230	350	37.47	cps
Barium	137-1	810	503	363	559	40.88	cps
Beryllium	9-1	217	220	173	203	12.80	cps
Bismuth	209-1	5897892	5899682	5681967	5826513	2.15	cps
Bismuth	209-2	4008911	4041628	3938671	3996403	1.32	cps
Boron	10-1	13359	12078	10667	12035	11.19	cps
Boron	11-1	58754	54137	49348	54080	8.70	cps
Bromine	81-1	37922	37628	39359	38303	2.42	cps
Bromine	81-2	123	140	130	131	6.40	cps
Cadmium	111-1	794	745	703	747	6.07	cps
Cadmium	106-1	6678	6421	6428	6509	2.25	cps
Cadmium	108-1	20	20	23	21	9.11	cps
Calcium	43-1	121024	120258	121179	120820	0.41	cps
Calcium	44-1	1880058	1894594	1836453	1870368	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	660	673	627	653	3.68	cps
Cobalt	59-2	190	223	160	191	16.58	cps
Copper	63-2	1047	1053	1000	1033	2.81	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	70	77	71	7.16	cps
Erbium	164-2	57	40	17	38	53.18	cps
Gadolinium	160-1	30	77	47	51	46.27	cps
Gadolinium	160-2	200	233	287	240	18.22	cps
Holmium	165-1	8573489	8578483	8491556	8547843	0.57	cps
Holmium	165-2	5442715	5477276	5389091	5436361	0.82	cps
Indium	115-1	6540128	6489801	6391908	6473946	1.16	cps
Indium	115-2	2173221	2176446	2144778	2164815	0.81	cps
Iron	56-2	9120	9653	9667	9480	3.29	cps
Iron	57-2	1643	1557	1783	1661	6.89	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1147	1217	1163	1176	3.11	cps
Krypton	83-1	60	67	73	67	10.00	cps
Lead	206-1	1790	1353	1183	1442	21.70	cps
Lead	207-1	1537	1220	997	1251	21.69	cps
Lead	208-1	6673	5146	4344	5388	21.96	cps
Lithium	6-1	1863229	1828473	1830990	1840897	1.05	cps
Magnesium	24-2	722404	721481	726348	723411	0.36	cps
Manganese	55-2	903	923	1020	949	6.58	cps
Molybdenum	94-1	287	260	223	257	12.39	cps
Molybdenum	95-1	297	250	227	258	13.83	cps
Molybdenum	96-1	367	263	210	280	28.45	cps
Molybdenum	97-1	183	83	103	123	42.91	cps
Molybdenum	98-1	420	323	277	340	21.50	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	110	127	129	15.59	cps
Phosphorus	31-2	200	220	220	213	5.41	cps
Potassium	39-2	741723	740379	740603	740902	0.10	cps
Rhodium	103-1	6045779	5932070	5882365	5953404	1.41	cps
Rhodium	103-2	3222701	3228666	3229192	3226853	0.11	cps
Scandium	45-1	3977972	4024344	3960216	3987511	0.83	cps
Scandium	45-2	318788	317788	314985	317187	0.62	cps
Selenium	82-1	62	70	43	58	24.31	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	173	157	190	173	9.61	cps
Silicon	28-1	299193	297014	296325	297511	0.50	cps
Silver	107-1	1780	1183	970	1311	32.02	cps
Silver	109-1	1430	1097	827	1118	27.04	cps
Sodium	23-2	6047088	5968456	5928920	5981488	1.01	cps
Strontium	86-1	2350	2274	2344	2322	1.83	cps
Strontium	88-1	18782	18432	19016	18743	1.57	cps
Sulfur	34-1	190262	191811	197495	193189	1.97	cps
Terbium	159-1	8943635	8724001	8642546	8770061	1.78	cps
Terbium	159-2	5356158	5402819	5435603	5398193	0.74	cps
Thallium	203-1	457	383	310	383	19.13	cps
Thallium	205-1	1223	840	757	940	26.48	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:23:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1087	1167	1157	1137	3.83	cps
Titanium	47-1	120	117	120	119	1.62	cps
Uranium	238-1	37	30	40	36	14.32	cps
Vanadium	51-2	123	73	97	98	25.59	cps
Yttrium	89-1	15050528	14833255	14591480	14825087	1.55	cps
Yttrium	89-2	3339106	3324173	3354870	3339383	0.46	cps
Zinc	66-2	730	750	747	742	1.44	cps
Zirconium	90-1	367	470	423	420	12.32	cps
Zirconium	91-1	97	103	77	92	15.05	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7154720	7049371	7090184	7098092	0.75	cps
Antimony	121-1	2329936	2377989	2376550	2361492	1.16	cps
Arsenic	75-2	117574	114846	114292	115571	1.52	cps
Barium	135-1	3638458	3664769	3621176	3641468	0.60	cps
Barium	137-1	6269641	6311926	6347468	6309678	0.62	cps
Beryllium	9-1	617749	618424	621223	619132	0.30	cps
Bismuth	209-1	4739870	4705635	4720057	4721854	0.36	cps
Bismuth	209-2	3293520	3354832	3337225	3328526	0.95	cps
Boron	10-1	242933	255049	260128	252703	3.50	cps
Boron	11-1	1053685	1099041	1108699	1087142	2.70	cps
Bromine	81-1	34464	35045	35890	35133	2.04	cps
Bromine	81-2	80	83	77	80	4.16	cps
Cadmium	111-1	602925	604301	608246	605158	0.46	cps
Cadmium	106-1	84856	84403	84179	84479	0.41	cps
Cadmium	108-1	53568	54498	54820	54295	1.20	cps
Calcium	43-1	4103582	4197233	4183576	4161464	1.22	cps
Calcium	44-1	64844883	65601672	65230584	65225713	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1084716	1079758	1087347	1083940	0.36	cps
Cobalt	59-2	1738154	1733382	1750629	1740722	0.51	cps
Copper	63-2	11649895	11413522	11570164	11544527	1.04	cps
Dysprosium	156-1	777	707	807	763	6.72	cps
Dysprosium	156-2	497	507	577	527	8.28	cps
Erbium	164-1	157	120	140	139	13.22	cps
Erbium	164-2	83	63	70	72	14.10	cps
Gadolinium	160-1	757	767	740	754	1.79	cps
Gadolinium	160-2	603	627	680	637	6.17	cps
Holmium	165-1	8019518	7814839	8064297	7966218	1.67	cps
Holmium	165-2	4957028	5111229	5055565	5041274	1.55	cps
Indium	115-1	5708385	5557258	5600621	5622088	1.38	cps
Indium	115-2	1841812	1853384	1870994	1855397	0.79	cps
Iron	56-2	248655763	249767843	246622130	248348579	0.64	cps
Iron	57-2	6133784	6197328	6136881	6155998	0.58	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13783876	13660969	13655751	13700199	0.53	cps
Krypton	83-1	110	97	100	102	6.79	cps
Lead	206-1	12537034	12695310	12543426	12591924	0.71	cps
Lead	207-1	11131363	11254647	11331442	11239151	0.90	cps
Lead	208-1	48283646	48632158	48663957	48526587	0.43	cps
Lithium	6-1	1632599	1617782	1593632	1614671	1.22	cps
Magnesium	24-2	63179559	63525986	64487884	63731143	1.06	cps
Manganese	55-2	8543242	8466553	8445071	8484956	0.61	cps
Molybdenum	94-1	10609359	10533681	10610371	10584471	0.42	cps
Molybdenum	95-1	15287821	15123167	15460884	15290624	1.10	cps
Molybdenum	96-1	16545052	16543821	16499098	16529324	0.16	cps
Molybdenum	97-1	9315057	9550504	9504993	9456851	1.32	cps
Molybdenum	98-1	24285557	24242647	24528582	24352262	0.63	cps
Neodymium	150-1	657	740	750	716	7.16	cps
Neodymium	150-2	147	130	150	142	7.53	cps
Nickel	60-2	401677	400427	400212	400772	0.20	cps
Phosphorus	31-2	71094	70943	70900	70979	0.14	cps
Potassium	39-2	34100685	33801172	34418632	34106830	0.91	cps
Rhodium	103-1	4952655	4987166	4921934	4953918	0.66	cps
Rhodium	103-2	2701562	2725037	2751653	2726084	0.92	cps
Scandium	45-1	3684028	3612333	3638188	3644850	1.00	cps
Scandium	45-2	287829	286486	292141	288819	1.02	cps
Selenium	82-1	47237	47560	47511	47436	0.37	cps
Selenium	77-2	4394	4081	4157	4211	3.88	cps
Selenium	78-2	14110	14093	13923	14042	0.74	cps
Silicon	28-1	33283194	32757698	32774150	32938347	0.91	cps
Silver	107-1	3294648	3364258	3284920	3314608	1.31	cps
Silver	109-1	3087564	3158860	3159230	3135218	1.32	cps
Sodium	23-2	104583165	103863312	102070215	103505564	1.25	cps
Strontium	86-1	25022160	25196905	25020750	25079939	0.40	cps
Strontium	88-1	215987457	218909497	217647970	217514975	0.67	cps
Sulfur	34-1	487475	486100	483162	485579	0.45	cps
Terbium	159-1	8177365	8132582	8129051	8146333	0.33	cps
Terbium	159-2	4978759	5029663	5056327	5021583	0.78	cps
Thallium	203-1	3133299	3025457	3120514	3093090	1.90	cps
Thallium	205-1	7312624	7329346	7264910	7302293	0.46	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:27:17	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2238825	2295958	2276972	2270585	1.28	cps
Titanium	47-1	3984622	4024831	3992996	4000816	0.53	cps
Uranium	238-1	10732702	10851554	10813068	10799108	0.56	cps
Vanadium	51-2	968502	962968	967762	966411	0.31	cps
Yttrium	89-1	13626711	13356783	13319369	13434288	1.25	cps
Yttrium	89-2	3018804	3040714	3110014	3056511	1.56	cps
Zinc	66-2	1780958	1774958	1770805	1775573	0.29	cps
Zirconium	90-1	5262144	5269906	5257065	5263038	0.12	cps
Zirconium	91-1	1110279	1122613	1115632	1116175	0.55	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	503	523	514	1.98	cps
Antimony	121-1	750	813	1003	856	15.41	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	53	40	33	42	24.12	cps
Barium	137-1	83	70	80	78	8.92	cps
Beryllium	9-1	173	190	167	177	6.80	cps
Bismuth	209-1	5561695	5548833	5587606	5566044	0.35	cps
Bismuth	209-2	3994385	3982563	4028412	4001787	0.59	cps
Boron	10-1	6008	5941	5731	5893	2.45	cps
Boron	11-1	26950	25975	25191	26039	3.39	cps
Bromine	81-1	36482	37578	37200	37087	1.50	cps
Bromine	81-2	67	73	83	74	11.26	cps
Cadmium	111-1	626	624	633	628	0.74	cps
Cadmium	106-1	5921	6135	6178	6078	2.26	cps
Cadmium	108-1	13	23	17	18	28.64	cps
Calcium	43-1	163	147	113	141	18.04	cps
Calcium	44-1	8814	8975	8979	8923	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	753	730	827	770	6.55	cps
Cobalt	59-2	73	67	63	68	7.51	cps
Copper	63-2	943	1000	1020	988	4.03	cps
Dysprosium	156-1	3	3	10	6	69.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	70	53	67	63	13.93	cps
Erbium	164-2	13	47	33	31	53.94	cps
Gadolinium	160-1	40	50	53	48	14.52	cps
Gadolinium	160-2	223	193	200	206	7.66	cps
Holmium	165-1	8402189	8386519	8520608	8436439	0.87	cps
Holmium	165-2	5400357	5329195	5384020	5371191	0.69	cps
Indium	115-1	6484620	6395425	6251622	6377222	1.84	cps
Indium	115-2	2135544	2095490	2129121	2120052	1.01	cps
Iron	56-2	12836	13573	13303	13237	2.82	cps
Iron	57-2	533	413	430	459	14.17	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1903	1677	1623	1735	8.57	cps
Krypton	83-1	107	83	70	87	21.42	cps
Lead	206-1	773	667	717	719	7.42	cps
Lead	207-1	580	567	603	583	3.18	cps
Lead	208-1	2828	2722	2783	2778	1.93	cps
Lithium	6-1	1730847	1781599	1736407	1749618	1.59	cps
Magnesium	24-2	1263	1467	1417	1382	7.67	cps
Manganese	55-2	207	227	213	216	4.72	cps
Molybdenum	94-1	357	357	407	373	7.73	cps
Molybdenum	95-1	380	393	380	384	2.00	cps
Molybdenum	96-1	453	393	510	452	12.90	cps
Molybdenum	97-1	280	210	253	248	14.26	cps
Molybdenum	98-1	637	553	483	558	13.76	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	57	80	87	74	21.16	cps
Phosphorus	31-2	250	243	230	241	4.22	cps
Potassium	39-2	52591	50935	51102	51543	1.77	cps
Rhodium	103-1	5903348	5939000	6064885	5969078	1.42	cps
Rhodium	103-2	3263072	3227315	3257440	3249276	0.59	cps
Scandium	45-1	3872741	3851972	3945768	3890160	1.27	cps
Scandium	45-2	314182	314199	310599	312994	0.66	cps
Selenium	82-1	8	46	58	38	69.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	190	170	113	158	25.21	cps
Silicon	28-1	335964	329013	327905	330961	1.32	cps
Silver	107-1	237	230	207	224	7.02	cps
Silver	109-1	137	207	160	168	21.24	cps
Sodium	23-2	24019	24553	24693	24422	1.46	cps
Strontium	86-1	457	357	483	432	15.45	cps
Strontium	88-1	2500	2187	2717	2468	10.80	cps
Sulfur	34-1	196624	197421	199994	198013	0.89	cps
Terbium	159-1	8533977	8700454	8528025	8587485	1.14	cps
Terbium	159-2	5456145	5416244	5428938	5433776	0.38	cps
Thallium	203-1	217	220	207	214	3.24	cps
Thallium	205-1	560	510	533	534	4.68	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:39	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	663	720	707	697	4.25	cps
Titanium	47-1	170	157	173	167	5.29	cps
Uranium	238-1	93	120	130	114	16.56	cps
Vanadium	51-2	27	27	23	26	7.55	cps
Yttrium	89-1	14179366	14362877	14494434	14345559	1.10	cps
Yttrium	89-2	3349556	3398168	3358652	3368792	0.77	cps
Zinc	66-2	113	173	163	150	21.43	cps
Zirconium	90-1	590	570	520	560	6.44	cps
Zirconium	91-1	103	113	130	116	11.66	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193	237	237	222	11.26	cps
Antimony	121-1	237	220	320	259	20.70	cps
Arsenic	75-2	0	0	13	4	173.21	cps
Barium	135-1	117	87	80	94	20.68	cps
Barium	137-1	210	227	240	226	6.66	cps
Beryllium	9-1	153	90	123	122	25.92	cps
Bismuth	209-1	5995750	5911378	5859411	5922179	1.16	cps
Bismuth	209-2	4169663	4155303	4078611	4134526	1.18	cps
Boron	10-1	3907	3921	3884	3904	0.48	cps
Boron	11-1	18171	17410	16843	17474	3.81	cps
Bromine	81-1	38283	36485	36214	36994	3.04	cps
Bromine	81-2	183	200	140	174	17.75	cps
Cadmium	111-1	741	711	701	718	2.90	cps
Cadmium	106-1	7175	7028	6782	6995	2.84	cps
Cadmium	108-1	23	17	10	17	39.99	cps
Calcium	43-1	328891	320286	315993	321723	2.04	cps
Calcium	44-1	4984994	4934250	4905818	4941687	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	430	363	447	413	10.67	cps
Cobalt	59-2	77	83	107	89	17.72	cps
Copper	63-2	780	743	793	772	3.35	cps
Dysprosium	156-1	7	13	10	10	33.30	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	60	73	53	62	16.37	cps
Erbium	164-2	37	23	27	29	24.03	cps
Gadolinium	160-1	43	50	20	38	41.70	cps
Gadolinium	160-2	200	273	267	247	16.44	cps
Holmium	165-1	9256402	9093108	9274245	9207918	1.08	cps
Holmium	165-2	5745340	5654524	5600023	5666629	1.30	cps
Indium	115-1	7091050	6872374	6936831	6966751	1.61	cps
Indium	115-2	2264673	2235077	2243697	2247816	0.68	cps
Iron	56-2	10003	9903	9880	9929	0.66	cps
Iron	57-2	3744	3814	3690	3749	1.65	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1020	993	1017	1010	1.44	cps
Krypton	83-1	83	57	63	68	20.47	cps
Lead	206-1	1153	1137	1093	1128	2.75	cps
Lead	207-1	843	943	947	911	6.45	cps
Lead	208-1	3970	3825	3864	3886	1.94	cps
Lithium	6-1	2040663	1903310	1878100	1940691	4.51	cps
Magnesium	24-2	1931754	1863423	1898089	1897755	1.80	cps
Manganese	55-2	133	173	137	148	15.02	cps
Molybdenum	94-1	253	183	220	219	16.00	cps
Molybdenum	95-1	163	180	203	182	11.03	cps
Molybdenum	96-1	213	257	177	216	18.58	cps
Molybdenum	97-1	100	103	100	101	1.90	cps
Molybdenum	98-1	297	257	177	243	25.11	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	140	110	130	127	12.06	cps
Phosphorus	31-2	183	270	177	210	24.79	cps
Potassium	39-2	1811878	1806128	1796950	1804985	0.42	cps
Rhodium	103-1	6384257	6420470	6433102	6412610	0.40	cps
Rhodium	103-2	3438118	3378430	3399660	3405403	0.89	cps
Scandium	45-1	4339351	4273457	4278082	4296963	0.86	cps
Scandium	45-2	337910	336960	334747	336539	0.48	cps
Selenium	82-1	7	62	31	33	83.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	170	193	177	180	6.68	cps
Silicon	28-1	273626	272089	269367	271694	0.79	cps
Silver	107-1	167	160	137	154	10.20	cps
Silver	109-1	97	93	83	91	7.62	cps
Sodium	23-2	15972475	15845967	15713794	15844078	0.82	cps
Strontium	86-1	5434	5654	5714	5601	2.63	cps
Strontium	88-1	48339	47242	46617	47399	1.84	cps
Sulfur	34-1	202179	204743	208810	205244	1.63	cps
Terbium	159-1	9474893	9704780	9341294	9506989	1.93	cps
Terbium	159-2	5710330	5705955	5736993	5717759	0.29	cps
Thallium	203-1	307	280	273	287	6.15	cps
Thallium	205-1	683	613	597	631	7.29	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	420	353	443	406	11.52	cps
Titanium	47-1	83	150	107	113	29.85	cps
Uranium	238-1	753	753	817	774	4.72	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	15908306	15761214	15228187	15632569	2.29	cps
Yttrium	89-2	3548522	3559248	3504327	3537366	0.82	cps
Zinc	66-2	240	223	243	236	4.55	cps
Zirconium	90-1	420	363	397	393	7.24	cps
Zirconium	91-1	87	90	73	83	10.59	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	87	90	83	10.59	cps
Antimony	121-1	197	177	197	190	6.08	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	13	20	23	19	26.96	cps
Barium	137-1	23	30	10	21	48.24	cps
Beryllium	9-1	147	127	110	128	14.37	cps
Bismuth	209-1	5658679	5506064	5623715	5596153	1.43	cps
Bismuth	209-2	3926225	3902479	3939628	3922778	0.48	cps
Boron	10-1	3364	3357	3267	3329	1.62	cps
Boron	11-1	14544	14093	14550	14396	1.82	cps
Bromine	81-1	36328	36602	36358	36430	0.41	cps
Bromine	81-2	47	113	83	81	41.16	cps
Cadmium	111-1	658	646	638	648	1.56	cps
Cadmium	106-1	6532	6395	6258	6395	2.14	cps
Cadmium	108-1	7	10	20	12	56.76	cps
Calcium	43-1	57	70	73	67	13.22	cps
Calcium	44-1	7878	7788	7765	7811	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683	707	727	706	3.07	cps
Cobalt	59-2	60	83	50	64	26.54	cps
Copper	63-2	697	800	747	748	6.91	cps
Dysprosium	156-1	7	7	7	7	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	60	40	50	20.00	cps
Erbium	164-2	33	43	33	37	15.75	cps
Gadolinium	160-1	33	30	40	34	14.78	cps
Gadolinium	160-2	210	217	203	210	3.17	cps
Holmium	165-1	8702507	8468356	8554750	8575204	1.38	cps
Holmium	165-2	5201473	5200329	5244651	5215484	0.48	cps
Indium	115-1	6534364	6299906	6313662	6382644	2.06	cps
Indium	115-2	2120096	2127163	2116188	2121149	0.26	cps
Iron	56-2	9353	9083	8866	9101	2.68	cps
Iron	57-2	277	347	287	303	12.48	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1483	1440	1410	1445	2.55	cps
Krypton	83-1	80	97	87	88	9.56	cps
Lead	206-1	470	620	490	527	15.46	cps
Lead	207-1	517	467	487	490	5.14	cps
Lead	208-1	2156	2252	2153	2187	2.59	cps
Lithium	6-1	1836862	1795763	1791113	1807913	1.39	cps
Magnesium	24-2	430	500	477	469	7.60	cps
Manganese	55-2	123	103	93	107	14.33	cps
Molybdenum	94-1	143	180	173	166	11.80	cps
Molybdenum	95-1	87	67	73	76	13.48	cps
Molybdenum	96-1	130	97	150	126	21.46	cps
Molybdenum	97-1	43	57	30	43	30.77	cps
Molybdenum	98-1	110	87	90	96	13.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50	97	90	79	31.99	cps
Phosphorus	31-2	277	283	220	260	13.39	cps
Potassium	39-2	51316	50453	51674	51148	1.23	cps
Rhodium	103-1	6135802	5897278	5902787	5978622	2.28	cps
Rhodium	103-2	3241070	3253018	3191751	3228613	1.01	cps
Scandium	45-1	4102711	3883896	3950070	3978892	2.82	cps
Scandium	45-2	310643	312948	311152	311581	0.39	cps
Selenium	82-1	31	5	34	23	69.98	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	173	200	203	192	8.55	cps
Silicon	28-1	311988	310212	306351	309517	0.93	cps
Silver	107-1	90	140	90	107	27.06	cps
Silver	109-1	70	43	73	62	26.43	cps
Sodium	23-2	21118	20567	20701	20795	1.38	cps
Strontium	86-1	127	170	177	158	17.21	cps
Strontium	88-1	120	127	90	112	17.41	cps
Sulfur	34-1	210722	212506	210124	211117	0.59	cps
Terbium	159-1	8897988	8502751	8610907	8670549	2.36	cps
Terbium	159-2	5315243	5299132	5304634	5306336	0.15	cps
Thallium	203-1	180	207	203	197	7.39	cps
Thallium	205-1	447	413	443	434	4.23	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P7
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:41:31	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	543	627	523	564	9.71	cps
Titanium	47-1	67	83	103	84	21.74	cps
Uranium	238-1	3	13	10	9	57.30	cps
Vanadium	51-2	3	10	13	9	57.30	cps
Yttrium	89-1	14589426	14105011	14146011	14280150	1.88	cps
Yttrium	89-2	3323619	3276197	3292629	3297482	0.73	cps
Zinc	66-2	163	163	143	157	7.37	cps
Zirconium	90-1	483	370	380	411	15.26	cps
Zirconium	91-1	73	77	70	73	4.55	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492332	1508137	1488834	1496434	0.69	cps
Antimony	121-1	2583411	2658753	2682962	2641709	1.97	cps
Arsenic	75-2	125724	126120	126295	126047	0.23	cps
Barium	135-1	3913157	3938786	3960804	3937582	0.61	cps
Barium	137-1	6741542	6808977	6887928	6812816	1.08	cps
Beryllium	9-1	676341	680570	677945	678286	0.31	cps
Bismuth	209-1	5432868	5366873	5274531	5358091	1.48	cps
Bismuth	209-2	3773465	3794777	3749865	3772702	0.60	cps
Boron	10-1	88054	94475	94532	92354	4.03	cps
Boron	11-1	391462	413772	423833	409689	4.04	cps
Bromine	81-1	35854	34657	35917	35476	2.00	cps
Bromine	81-2	83	97	80	87	10.18	cps
Cadmium	111-1	644052	655781	652633	650822	0.93	cps
Cadmium	106-1	89138	88477	88940	88852	0.38	cps
Cadmium	108-1	57691	59240	57025	57985	1.96	cps
Calcium	43-1	1006471	1024940	1024938	1018783	1.05	cps
Calcium	44-1	14067263	13903057	13989208	13986509	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1164684	1163834	1171451	1166657	0.36	cps
Cobalt	59-2	1859380	1831726	1874034	1855047	1.16	cps
Copper	63-2	12806361	12551552	12680682	12679532	1.00	cps
Dysprosium	156-1	243	253	253	250	2.31	cps
Dysprosium	156-2	200	173	233	202	14.87	cps
Erbium	164-1	87	107	100	98	10.41	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	163	220	250	211	20.85	cps
Gadolinium	160-2	317	303	357	326	8.53	cps
Holmium	165-1	8543960	8474571	8443174	8487235	0.61	cps
Holmium	165-2	5337354	5315088	5306853	5319765	0.30	cps
Indium	115-1	6333577	6090150	6029152	6150960	2.62	cps
Indium	115-2	2008047	2051078	1997416	2018847	1.41	cps
Iron	56-2	55681451	55388369	55942299	55670706	0.50	cps
Iron	57-2	1352097	1351633	1368519	1357416	0.71	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3090095	3142443	3121479	3118006	0.84	cps
Krypton	83-1	97	107	87	97	10.34	cps
Lead	206-1	13711811	13946708	14116577	13925032	1.46	cps
Lead	207-1	12431822	12691464	12673520	12598935	1.15	cps
Lead	208-1	53335272	54602948	54350798	54096339	1.24	cps
Lithium	6-1	1792827	1766964	1738979	1766256	1.52	cps
Magnesium	24-2	13944093	14087978	13998891	14010320	0.52	cps
Manganese	55-2	9405435	9221274	9207004	9277904	1.19	cps
Molybdenum	94-1	11364687	11344968	11260932	11323529	0.49	cps
Molybdenum	95-1	16163801	16512826	16433434	16370020	1.12	cps
Molybdenum	96-1	17419663	17809826	17734216	17654569	1.17	cps
Molybdenum	97-1	10095645	10175719	10167841	10146402	0.43	cps
Molybdenum	98-1	26118440	25870979	26172591	26054003	0.62	cps
Neodymium	150-1	727	670	730	709	4.76	cps
Neodymium	150-2	127	127	137	130	4.44	cps
Nickel	60-2	434418	435812	439744	436658	0.63	cps
Phosphorus	31-2	78342	78909	77793	78348	0.71	cps
Potassium	39-2	7385558	7538682	7559751	7494663	1.27	cps
Rhodium	103-1	5773147	5488199	5495252	5585533	2.91	cps
Rhodium	103-2	3081499	3029846	3026039	3045794	1.02	cps
Scandium	45-1	3939111	3838126	3781173	3852804	2.08	cps
Scandium	45-2	305938	305562	307925	306475	0.41	cps
Selenium	82-1	50044	50428	50434	50302	0.44	cps
Selenium	77-2	4391	4591	4437	4473	2.34	cps
Selenium	78-2	15238	14948	14794	14993	1.50	cps
Silicon	28-1	3258794	3663927	3821018	3581246	8.10	cps
Silver	107-1	3811322	3852225	3873617	3845721	0.82	cps
Silver	109-1	3663549	3648414	3661646	3657870	0.23	cps
Sodium	23-2	22013141	22327072	21904460	22081557	0.99	cps
Strontium	86-1	26466337	27097161	26985775	26849758	1.25	cps
Strontium	88-1	234216903	235387296	236287436	235297212	0.44	cps
Sulfur	34-1	509001	507568	503207	506592	0.60	cps
Terbium	159-1	8899322	8714743	8457780	8690615	2.55	cps
Terbium	159-2	5363781	5226860	5395026	5328556	1.68	cps
Thallium	203-1	3327578	3389693	3464135	3393802	2.01	cps
Thallium	205-1	7916694	8101517	7977862	7998691	1.18	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P7
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:44:48	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2527367	2488687	2515078	2510377	0.79	cps
Titanium	47-1	4214838	4203249	4235481	4217856	0.39	cps
Uranium	238-1	11237817	11411211	11486519	11378515	1.12	cps
Vanadium	51-2	1023605	1022457	1026565	1024209	0.21	cps
Yttrium	89-1	14754109	14161547	14126482	14347379	2.46	cps
Yttrium	89-2	3273963	3219596	3241897	3245152	0.84	cps
Zinc	66-2	1986088	1966184	1979356	1977209	0.51	cps
Zirconium	90-1	5368405	5502276	5441448	5437376	1.23	cps
Zirconium	91-1	1131087	1160081	1161137	1150768	1.48	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	130	80	107	23.59	cps
Antimony	121-1	703	833	877	804	11.21	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	60	60	67	62	6.19	cps
Barium	137-1	60	53	53	56	6.93	cps
Beryllium	9-1	180	193	210	194	7.73	cps
Bismuth	209-1	5583214	5662279	5547147	5597547	1.05	cps
Bismuth	209-2	4027934	4006851	3932573	3989119	1.26	cps
Boron	10-1	3380	3707	3254	3447	6.79	cps
Boron	11-1	16546	15461	14961	15656	5.18	cps
Bromine	81-1	36990	36224	36709	36641	1.06	cps
Bromine	81-2	53	73	60	62	16.37	cps
Cadmium	111-1	600	613	585	600	2.39	cps
Cadmium	106-1	5955	5965	5798	5906	1.58	cps
Cadmium	108-1	17	23	17	19	20.36	cps
Calcium	43-1	83	80	87	83	4.00	cps
Calcium	44-1	8144	8302	8176	8207	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	797	750	733	760	4.32	cps
Cobalt	59-2	90	107	110	102	10.48	cps
Copper	63-2	870	820	857	849	3.05	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	70	77	63	70	9.53	cps
Erbium	164-2	53	30	33	39	32.45	cps
Gadolinium	160-1	27	57	60	48	38.42	cps
Gadolinium	160-2	180	267	213	220	19.87	cps
Holmium	165-1	8358211	8408403	8522305	8429640	1.00	cps
Holmium	165-2	5342425	5288877	5268594	5299965	0.72	cps
Indium	115-1	6320919	6307329	6327778	6318676	0.16	cps
Indium	115-2	2129697	2075489	2087437	2097541	1.36	cps
Iron	56-2	8763	8886	9003	8884	1.35	cps
Iron	57-2	353	347	353	351	1.10	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1393	1337	1367	1366	2.08	cps
Krypton	83-1	67	77	80	74	9.32	cps
Lead	206-1	630	547	520	566	10.15	cps
Lead	207-1	557	500	573	543	7.07	cps
Lead	208-1	2484	2252	2287	2341	5.35	cps
Lithium	6-1	1775396	1759635	1776370	1770467	0.53	cps
Magnesium	24-2	497	573	653	574	13.64	cps
Manganese	55-2	177	147	177	167	10.39	cps
Molybdenum	94-1	377	343	377	366	5.27	cps
Molybdenum	95-1	417	413	300	377	17.63	cps
Molybdenum	96-1	450	453	367	423	11.60	cps
Molybdenum	97-1	273	180	197	217	22.98	cps
Molybdenum	98-1	780	557	453	597	27.98	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	80	110	93	94	15.92	cps
Phosphorus	31-2	260	240	240	247	4.68	cps
Potassium	39-2	49383	49527	49831	49580	0.46	cps
Rhodium	103-1	5769463	6024304	5920964	5904910	2.17	cps
Rhodium	103-2	3255510	3210437	3247825	3237924	0.74	cps
Scandium	45-1	3783976	3825864	3892753	3834198	1.43	cps
Scandium	45-2	310100	314146	308346	310864	0.96	cps
Selenium	82-1	79	32	40	50	50.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	207	180	140	176	19.11	cps
Silicon	28-1	385711	364846	353249	367935	4.47	cps
Silver	107-1	267	263	283	271	3.95	cps
Silver	109-1	247	197	170	204	19.04	cps
Sodium	23-2	20160	20914	20026	20367	2.35	cps
Strontium	86-1	373	273	270	306	19.22	cps
Strontium	88-1	2260	1520	1317	1699	29.22	cps
Sulfur	34-1	191098	195415	193130	193215	1.12	cps
Terbium	159-1	8581633	8617291	8563513	8587479	0.32	cps
Terbium	159-2	5296222	5411231	5408152	5371868	1.22	cps
Thallium	203-1	197	200	223	207	7.03	cps
Thallium	205-1	600	517	480	532	11.55	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P7
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:50:13	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	600	633	570	601	5.27	cps
Titanium	47-1	173	110	127	137	24.02	cps
Uranium	238-1	123	80	53	86	41.30	cps
Vanadium	51-2	10	23	3	12	83.33	cps
Yttrium	89-1	13890151	14450663	14430791	14257202	2.23	cps
Yttrium	89-2	3328053	3353729	3326456	3336079	0.46	cps
Zinc	66-2	163	120	157	147	15.91	cps
Zirconium	90-1	517	513	477	502	4.42	cps
Zirconium	91-1	63	67	97	76	24.30	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1507869	1513641	1486907	1502806	0.94	cps
Antimony	121-1	2522042	2609570	2594997	2575536	1.82	cps
Arsenic	75-2	123646	122319	122873	122946	0.54	cps
Barium	135-1	3865860	3909785	3920600	3898748	0.74	cps
Barium	137-1	6675414	6731832	6792652	6733299	0.87	cps
Beryllium	9-1	663006	677340	676592	672313	1.20	cps
Bismuth	209-1	5224395	5176048	5223625	5208023	0.53	cps
Bismuth	209-2	3721560	3736753	3665701	3708005	1.01	cps
Boron	10-1	87153	92446	94971	91524	4.36	cps
Boron	11-1	386895	406514	420679	404696	4.19	cps
Bromine	81-1	34460	35509	34624	34865	1.62	cps
Bromine	81-2	57	73	50	60	20.03	cps
Cadmium	111-1	636643	651239	653870	647251	1.43	cps
Cadmium	106-1	87193	88470	88743	88135	0.94	cps
Cadmium	108-1	55834	57667	57115	56872	1.65	cps
Calcium	43-1	1000456	1009242	1011597	1007099	0.58	cps
Calcium	44-1	13825001	13713564	13737072	13758546	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1145149	1140409	1142484	1142681	0.21	cps
Cobalt	59-2	1826380	1833478	1775571	1811810	1.74	cps
Copper	63-2	12574726	12344416	12363461	12427534	1.03	cps
Dysprosium	156-1	243	313	283	280	12.54	cps
Dysprosium	156-2	187	177	237	200	16.07	cps
Erbium	164-1	60	63	57	60	5.55	cps
Erbium	164-2	53	50	47	50	6.66	cps
Gadolinium	160-1	140	203	180	174	18.36	cps
Gadolinium	160-2	343	313	390	349	11.07	cps
Holmium	165-1	8219508	8271760	8333867	8275045	0.69	cps
Holmium	165-2	5278564	5236930	5162699	5226064	1.12	cps
Indium	115-1	6085179	5963655	6027889	6025574	1.01	cps
Indium	115-2	1992346	1963799	1980123	1978756	0.72	cps
Iron	56-2	54991436	54174574	54058989	54408333	0.93	cps
Iron	57-2	1336524	1331436	1338193	1335384	0.26	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3027189	3041033	3051454	3039892	0.40	cps
Krypton	83-1	90	70	97	86	16.22	cps
Lead	206-1	13613737	13846190	14042714	13834213	1.55	cps
Lead	207-1	12085646	12555903	12499466	12380338	2.07	cps
Lead	208-1	52522320	53377755	53808205	53236093	1.23	cps
Lithium	6-1	1760535	1714658	1725972	1733722	1.38	cps
Magnesium	24-2	14026634	13719749	13552376	13766253	1.75	cps
Manganese	55-2	9126555	9121803	9100259	9116206	0.15	cps
Molybdenum	94-1	10969532	11033130	11059347	11020669	0.42	cps
Molybdenum	95-1	16009981	16315786	16098569	16141446	0.97	cps
Molybdenum	96-1	17264488	17596109	17539110	17466569	1.02	cps
Molybdenum	97-1	9869635	10006363	10093987	9989995	1.13	cps
Molybdenum	98-1	25479700	25819539	25866573	25721937	0.82	cps
Neodymium	150-1	657	713	723	698	5.15	cps
Neodymium	150-2	120	93	123	112	14.66	cps
Nickel	60-2	429831	427832	423639	427101	0.74	cps
Phosphorus	31-2	77086	77177	78517	77593	1.03	cps
Potassium	39-2	7462545	7359469	7391254	7404423	0.71	cps
Rhodium	103-1	5495217	5468829	5515990	5493345	0.43	cps
Rhodium	103-2	3033881	3004494	2983773	3007383	0.84	cps
Scandium	45-1	3714032	3783542	3774881	3757485	1.01	cps
Scandium	45-2	303994	302555	300352	302300	0.61	cps
Selenium	82-1	49173	49963	50282	49806	1.15	cps
Selenium	77-2	4477	4437	4484	4466	0.57	cps
Selenium	78-2	15588	15271	15014	15291	1.88	cps
Silicon	28-1	3228810	3623784	3834603	3562399	8.63	cps
Silver	107-1	3756286	3825417	3741491	3774398	1.19	cps
Silver	109-1	3573459	3628714	3683729	3628634	1.52	cps
Sodium	23-2	22047169	21986133	21852456	21961919	0.45	cps
Strontium	86-1	26152040	26772866	26704155	26543020	1.28	cps
Strontium	88-1	229001970	233064317	234133350	232066545	1.17	cps
Sulfur	34-1	491545	495185	490124	492285	0.53	cps
Terbium	159-1	8424226	8412227	8507032	8447828	0.61	cps
Terbium	159-2	5284505	5296241	5236605	5272450	0.60	cps
Thallium	203-1	3274854	3338552	3357438	3323615	1.30	cps
Thallium	205-1	7921325	7846160	8015518	7927668	1.07	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P7
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:53:40	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2419766	2475308	2495357	2463477	1.59	cps
Titanium	47-1	4204496	4210489	4189194	4201393	0.26	cps
Uranium	238-1	11014608	11489808	11537526	11347314	2.55	cps
Vanadium	51-2	1018979	1007864	1006066	1010970	0.69	cps
Yttrium	89-1	14105419	13877305	14069799	14017508	0.88	cps
Yttrium	89-2	3228252	3232752	3147965	3202990	1.49	cps
Zinc	66-2	1924194	1947270	1933270	1934911	0.60	cps
Zirconium	90-1	5344475	5387690	5346725	5359630	0.45	cps
Zirconium	91-1	1117942	1138385	1141813	1132713	1.14	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7248671	7047723	7050638	7115677	1.62	cps
Antimony	121-1	2305934	2335346	2337123	2326134	0.75	cps
Arsenic	75-2	117994	116378	115166	116513	1.22	cps
Barium	135-1	3636395	3655317	3643138	3644950	0.26	cps
Barium	137-1	6184204	6206848	6289742	6226931	0.89	cps
Beryllium	9-1	607342	617665	620158	615055	1.10	cps
Bismuth	209-1	4665634	4645321	4665905	4658953	0.25	cps
Bismuth	209-2	3357225	3278244	3357766	3331078	1.37	cps
Boron	10-1	241599	255165	262088	252951	4.12	cps
Boron	11-1	1042705	1098998	1124197	1088633	3.83	cps
Bromine	81-1	34547	33869	34287	34234	1.00	cps
Bromine	81-2	87	73	70	77	11.51	cps
Cadmium	111-1	592585	599542	604953	599027	1.04	cps
Cadmium	106-1	81584	84702	84444	83577	2.07	cps
Cadmium	108-1	52525	53967	54659	53717	2.03	cps
Calcium	43-1	4114847	4160464	4170933	4148748	0.72	cps
Calcium	44-1	64144343	65192911	64841708	64726321	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1075261	1082164	1091553	1082993	0.76	cps
Cobalt	59-2	1739808	1747837	1743243	1743629	0.23	cps
Copper	63-2	11603077	11526498	11478391	11535989	0.55	cps
Dysprosium	156-1	697	710	780	729	6.14	cps
Dysprosium	156-2	550	500	563	538	6.21	cps
Erbium	164-1	123	137	143	134	7.57	cps
Erbium	164-2	60	77	103	80	27.32	cps
Gadolinium	160-1	757	707	727	730	3.45	cps
Gadolinium	160-2	813	700	627	713	13.18	cps
Holmium	165-1	7933372	7959241	7975692	7956102	0.27	cps
Holmium	165-2	5102727	4991799	5092128	5062218	1.21	cps
Indium	115-1	5548302	5642041	5578685	5589676	0.86	cps
Indium	115-2	1851137	1842712	1878877	1857575	1.02	cps
Iron	56-2	248767423	244789490	249700276	247752396	1.05	cps
Iron	57-2	6190336	6256671	6168086	6205031	0.74	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13635274	13512049	13640995	13596106	0.54	cps
Krypton	83-1	110	113	113	112	1.71	cps
Lead	206-1	12243377	12405998	12544178	12397851	1.21	cps
Lead	207-1	11054842	11118078	11270073	11147664	0.99	cps
Lead	208-1	47367212	47980681	48397955	47915283	1.08	cps
Lithium	6-1	1615746	1615918	1591554	1607739	0.87	cps
Magnesium	24-2	64167087	63819366	64753804	64246752	0.74	cps
Manganese	55-2	8560158	8411053	8582693	8517968	1.10	cps
Molybdenum	94-1	10284658	10415414	10489329	10396467	1.00	cps
Molybdenum	95-1	15093010	15167650	15299623	15186761	0.69	cps
Molybdenum	96-1	16552323	16477205	16582126	16537218	0.33	cps
Molybdenum	97-1	9236444	9459647	9641049	9445713	2.15	cps
Molybdenum	98-1	23758731	24226065	24319608	24101468	1.25	cps
Neodymium	150-1	620	713	810	714	13.30	cps
Neodymium	150-2	160	123	117	133	17.50	cps
Nickel	60-2	402989	400842	402039	401957	0.27	cps
Phosphorus	31-2	72102	72370	71576	72016	0.56	cps
Potassium	39-2	34986193	35223226	35120154	35109858	0.34	cps
Rhodium	103-1	4917144	4855807	4906635	4893195	0.67	cps
Rhodium	103-2	2723142	2714843	2764057	2734014	0.96	cps
Scandium	45-1	3650339	3582483	3620167	3617663	0.94	cps
Scandium	45-2	289826	289913	292977	290905	0.62	cps
Selenium	82-1	46272	46388	47235	46631	1.13	cps
Selenium	77-2	4324	4467	4147	4313	3.72	cps
Selenium	78-2	14517	14264	14073	14285	1.56	cps
Silicon	28-1	32130266	32495538	32666892	32430899	0.85	cps
Silver	107-1	3278121	3272280	3372070	3307490	1.69	cps
Silver	109-1	3099632	3091501	3157936	3116356	1.16	cps
Sodium	23-2	104913475	102675458	102713018	103433984	1.24	cps
Strontium	86-1	24651248	24936120	24841560	24809643	0.58	cps
Strontium	88-1	212856817	218689597	217065543	216203986	1.39	cps
Sulfur	34-1	468124	473464	470109	470566	0.57	cps
Terbium	159-1	8069115	8002138	7985576	8018943	0.55	cps
Terbium	159-2	5041155	4931704	5022096	4998318	1.17	cps
Thallium	203-1	3033890	3002697	3083241	3039943	1.34	cps
Thallium	205-1	7158961	7220171	7244940	7208024	0.61	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:56:27	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2223022	2287783	2260699	2257168	1.44	cps
Titanium	47-1	3919988	4004925	3963640	3962851	1.07	cps
Uranium	238-1	10552359	10674541	10795428	10674109	1.14	cps
Vanadium	51-2	962858	959954	973446	965420	0.74	cps
Yttrium	89-1	13250673	13204359	13228192	13227741	0.18	cps
Yttrium	89-2	3100526	3024559	3106020	3077035	1.48	cps
Zinc	66-2	1766517	1749478	1750802	1755599	0.54	cps
Zirconium	90-1	5230484	5245189	5224827	5233500	0.20	cps
Zirconium	91-1	1085402	1114734	1120343	1106827	1.70	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	210	200	200	5.00	cps
Antimony	121-1	647	787	827	753	12.55	cps
Arsenic	75-2	10	10	0	7	86.60	cps
Barium	135-1	20	33	37	30	29.40	cps
Barium	137-1	60	70	73	68	10.24	cps
Beryllium	9-1	257	177	197	210	19.83	cps
Bismuth	209-1	5389205	5398279	5482838	5423441	0.95	cps
Bismuth	209-2	3927641	3868097	3978151	3924630	1.40	cps
Boron	10-1	4734	4351	4287	4457	5.42	cps
Boron	11-1	19853	19352	18938	19381	2.36	cps
Bromine	81-1	35927	35910	36552	36130	1.01	cps
Bromine	81-2	57	63	63	61	6.29	cps
Cadmium	111-1	599	604	631	611	2.81	cps
Cadmium	106-1	5958	5785	6005	5916	1.96	cps
Cadmium	108-1	23	7	13	14	58.06	cps
Calcium	43-1	103	90	67	87	21.41	cps
Calcium	44-1	8521	8326	8000	8282	3.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	743	730	710	728	2.31	cps
Cobalt	59-2	73	90	60	74	20.19	cps
Copper	63-2	853	877	870	867	1.39	cps
Dysprosium	156-1	7	0	13	7	99.98	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	57	77	80	71	17.74	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	37	23	43	34	29.57	cps
Gadolinium	160-2	200	233	257	230	12.38	cps
Holmium	165-1	8146287	8181287	8136355	8154643	0.29	cps
Holmium	165-2	5200615	5211481	5225893	5212663	0.24	cps
Indium	115-1	6279425	6204131	6153040	6212199	1.02	cps
Indium	115-2	2104992	2082107	2070564	2085888	0.84	cps
Iron	56-2	10607	10123	10487	10406	2.42	cps
Iron	57-2	400	347	367	371	7.26	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1457	1497	1567	1507	3.70	cps
Krypton	83-1	87	73	60	73	18.18	cps
Lead	206-1	677	640	610	642	5.20	cps
Lead	207-1	523	497	540	520	4.20	cps
Lead	208-1	2576	2430	2441	2482	3.28	cps
Lithium	6-1	1756014	1745814	1763610	1755146	0.51	cps
Magnesium	24-2	890	800	813	834	5.82	cps
Manganese	55-2	213	157	173	181	16.08	cps
Molybdenum	94-1	417	317	297	343	18.73	cps
Molybdenum	95-1	443	340	323	369	17.62	cps
Molybdenum	96-1	483	367	307	386	23.30	cps
Molybdenum	97-1	243	197	210	217	11.09	cps
Molybdenum	98-1	573	510	430	504	14.24	cps
Neodymium	150-1	7	13	3	8	65.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	90	93	103	96	7.26	cps
Phosphorus	31-2	200	200	297	232	24.03	cps
Potassium	39-2	49136	49627	49146	49303	0.57	cps
Rhodium	103-1	5782990	5768445	5920385	5823940	1.44	cps
Rhodium	103-2	3190997	3219034	3166785	3192272	0.82	cps
Scandium	45-1	3811289	3801914	3835492	3816232	0.45	cps
Scandium	45-2	308777	304363	306579	306573	0.72	cps
Selenium	82-1	33	46	56	45	25.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	197	167	137	167	18.00	cps
Silicon	28-1	350974	342296	337986	343752	1.92	cps
Silver	107-1	243	230	190	221	12.55	cps
Silver	109-1	143	140	120	134	9.39	cps
Sodium	23-2	23264	23398	22530	23064	2.03	cps
Strontium	86-1	370	280	320	323	13.95	cps
Strontium	88-1	1733	1350	1230	1438	18.29	cps
Sulfur	34-1	196982	194892	198133	196669	0.84	cps
Terbium	159-1	8528814	8312277	8399534	8413542	1.29	cps
Terbium	159-2	5279285	5239215	5281951	5266817	0.45	cps
Thallium	203-1	203	213	237	218	7.85	cps
Thallium	205-1	500	553	503	519	5.76	cps

LB Number :	LB124917	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:03:36	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	553	537	577	556	3.62	cps
Titanium	47-1	147	123	123	131	10.27	cps
Uranium	238-1	83	47	70	67	27.83	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	13843609	13876148	13897161	13872306	0.19	cps
Yttrium	89-2	3248043	3258949	3322462	3276485	1.23	cps
Zinc	66-2	147	150	210	169	21.10	cps
Zirconium	90-1	477	493	493	488	1.97	cps
Zirconium	91-1	93	90	80	88	7.90	cps