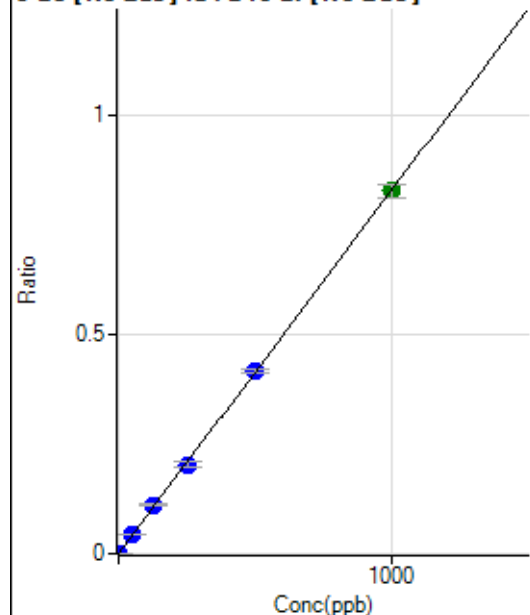


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032722 MS.b\
 Analysis File: P7032722 MS.batch.bin
 DA Date-Time: 2022-03-27 21:36:39
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-03-27 16:26:44
2	004CALS.d	S01	2022-03-27 16:29:38
3	006CALS.d	S02	2022-03-27 16:35:23
4	007CALS.d	S03	2022-03-27 16:38:16
5	008CALS.d	S04	2022-03-27 16:41:06
6	009CALS.d	S05	2022-03-27 16:43:50
7	010CALS.d	S06	2022-03-27 16:46:37
8	011CALS.d	S07	2022-03-27 16:49:23
9	012CALS.d	S08	2022-03-27 16:52:10

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	43.6
2	☐	0.100	0.105	137.78	0.0001	P	24.0
3	☐	1.000	1.042	1264.51	0.0009	P	7.7
4	☐	50.000	53.166	64361.23	0.0440	P	2.2
5	☐	125.000	134.381	165757.43	0.1111	P	3.2
6	☐	250.000	245.348	307199.93	0.2029	P	7.1
7	☐	500.000	502.385	620329.02	0.4154	P	2.9
8	☐	1000.000	998.640	1255619.80	0.8257	A	3.4
9	☐			125.56	0.0001	P	17.4

$$y = 8.2681\text{E-}004 * x + 8.8902\text{E-}006$$

$$R = 0.9999$$

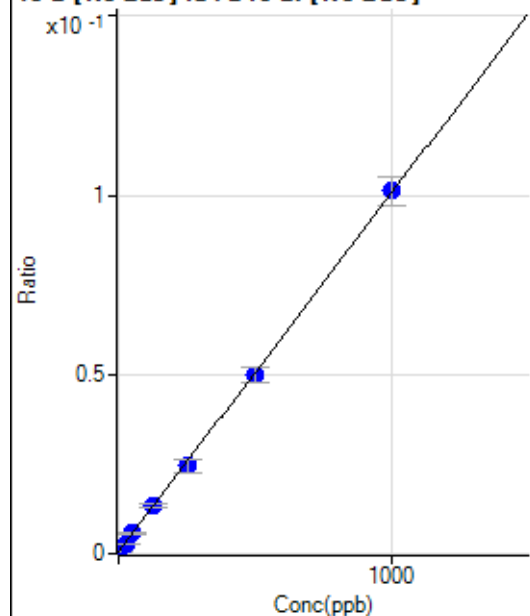
$$DL = 0.01405$$

$$BEC = 0.01075$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	777.82	0.0005	P	8.4
2	☐	2.500	2.438	1097.29	0.0008	P	6.6
3	☐	25.000	23.052	4103.45	0.0028	P	7.9
4	☐	50.000	51.386	8294.15	0.0057	P	6.8
5	☐	125.000	127.770	19855.04	0.0133	P	9.0
6	☐	250.000	238.703	36942.88	0.0244	P	14.0
7	☐	500.000	493.181	74483.78	0.0499	P	8.6
8	☐	1000.000	1005.867	153841.89	0.1012	P	8.0
9	☐			12018.90	0.0078	P	7.9

$$y = 1.0009\text{E-}004 * x + 5.1830\text{E-}004$$

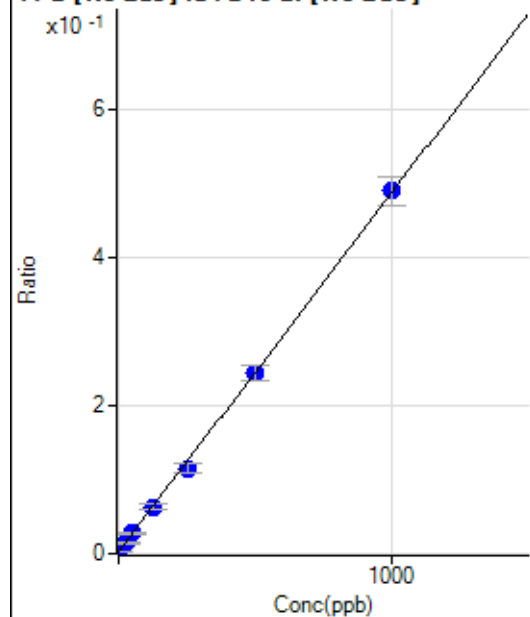
$$R = 0.9999$$

$$DL = 1.304$$

$$BEC = 5.178$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4056.19	0.0027	P	4.8
2	☐	2.500	2.095	5351.08	0.0037	P	2.3
3	☐	25.000	24.197	20956.45	0.0144	P	7.9
4	☐	50.000	51.246	40332.13	0.0275	P	3.6
5	☐	125.000	125.013	94422.03	0.0633	P	9.9
6	☐	250.000	232.435	174580.66	0.1153	P	11.8
7	☐	500.000	496.814	363477.48	0.2435	P	8.4
8	☐	1000.000	1005.942	745151.46	0.4902	P	8.3
9	☐			58562.91	0.0382	P	10.4

$$y = 4.8461E-004 * x + 0.0027$$

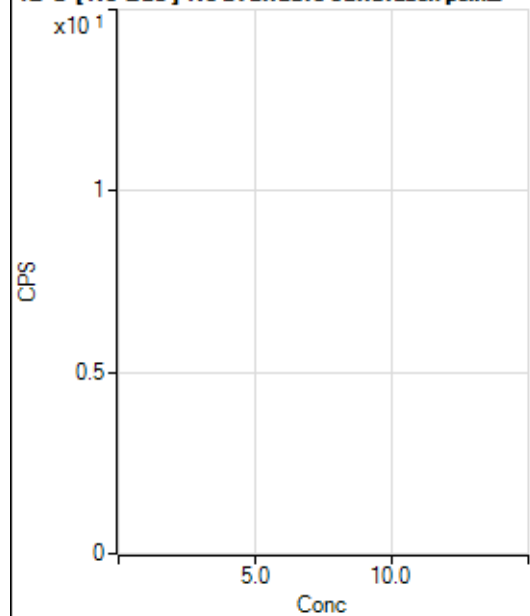
$$R = 0.9998$$

$$DL = 0.7976$$

$$BEC = 5.577$$

Weight: <None>

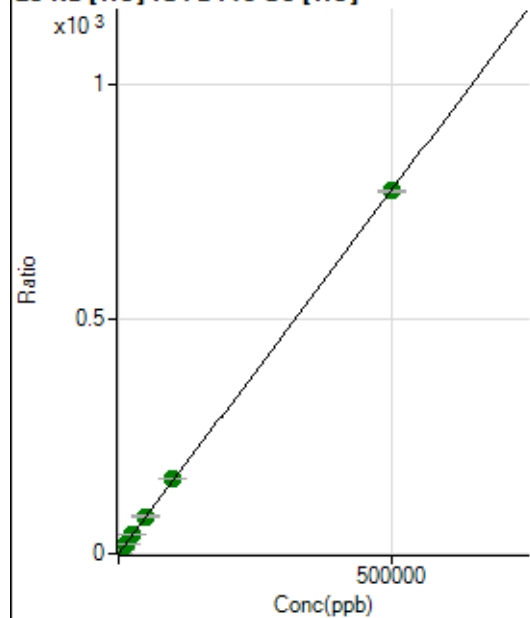
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17558.42	0.0542	P	1.1
2	☐	50.000	53.345	43426.13	0.1367	P	3.0
3	☐	500.000	511.890	270741.23	0.8462	P	0.5
4	☐	5000.000	5252.169	2759201.08	8.1811	A	1.4
5	☐	12500.000	13441.919	6782013.87	20.8536	A	0.8
6	☐	25000.000	25835.757	12779935.82	40.0313	A	0.3
7	☐	50000.000	51266.638	26244762.62	79.3820	A	1.3
8	☐	100000.00	102647.12	55351524.85	158.8860	A	1.4
9	☐	500000.00	499276.04	276334709.8	772.6130	A	0.5

$$y = 0.0015 * x + 0.0542$$

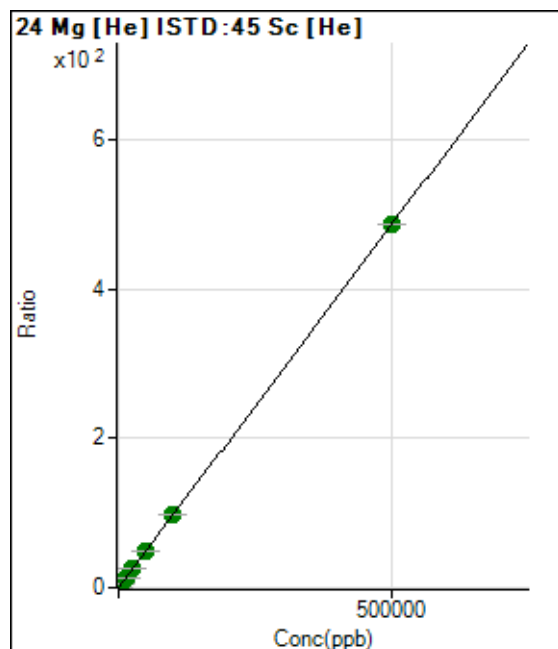
$$R = 1.0000$$

$$DL = 1.126$$

$$BEC = 35$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.33	0.0004	P	7.5
2	☐	50.000	48.832	15222.56	0.0479	P	2.0
3	☐	500.000	501.950	156368.84	0.4887	P	0.9
4	☐	5000.000	5222.235	1713553.18	5.0807	A	0.6
5	☐	12500.000	13346.352	4222600.24	12.9841	A	1.3
6	☐	25000.000	25410.739	7892297.05	24.7206	A	1.2
7	☐	50000.000	50647.453	16290085.67	49.2715	A	1.1
8	☐	100000.00	100280.25	33987209.32	97.5555	A	1.0
9	☐	500000.00	499835.28	173912461.2	486.2523	A	0.2

$$y = 9.7282\text{E-}004 * x + 4.1128\text{E-}004$$

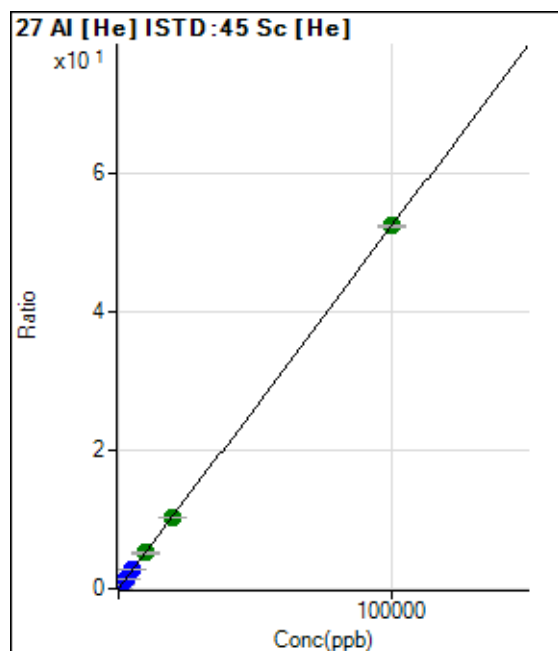
$$R = 1.0000$$

$$DL = 0.09483$$

$$BEC = 0.4228$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0003	P	44.9
2	☒	2.000					
3	☐	20.000	20.065	3452.31	0.0108	P	4.8
4	☐	1000.000	1038.544	183901.42	0.5453	P	1.5
5	☐	2500.000	2625.174	448119.53	1.3780	P	0.6
6	☐	5000.000	5062.096	848209.68	2.6569	P	0.7
7	☐	10000.000	9833.367	1706330.62	5.1609	A	1.9
8	☐	20000.000	19606.411	3584826.21	10.2898	A	1.1
9	☐	100000.00	100088.76	18786425.88	52.5273	A	0.7

$$y = 5.2480\text{E-}004 * x + 2.5575\text{E-}004$$

$$R = 1.0000$$

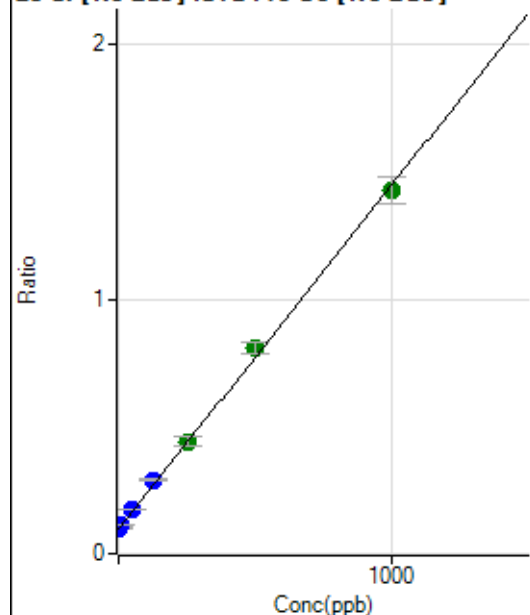
$$DL = 0.6571$$

$$BEC = 0.4873$$

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	315194.41	0.0962	P	1.5
2	☐	1.000	6.260	325238.20	0.1047	P	0.5
3	☐	10.000	12.497	361217.86	0.1131	P	1.9
4	☐	50.000	55.792	549876.21	0.1716	P	1.4
5	☐	125.000	142.583	929091.93	0.2888	P	3.2
6	☐	250.000	255.492	1439581.65	0.4413	A	7.4
7	☐	500.000	524.799	2550668.89	0.8050	A	5.6
8	☐	1000.000	983.710	4783272.24	1.4248	A	7.5
9	☐			946691.95	0.2717	P	8.6

$$y = 0.0014 * x + 0.0962$$

$$R = 0.9995$$

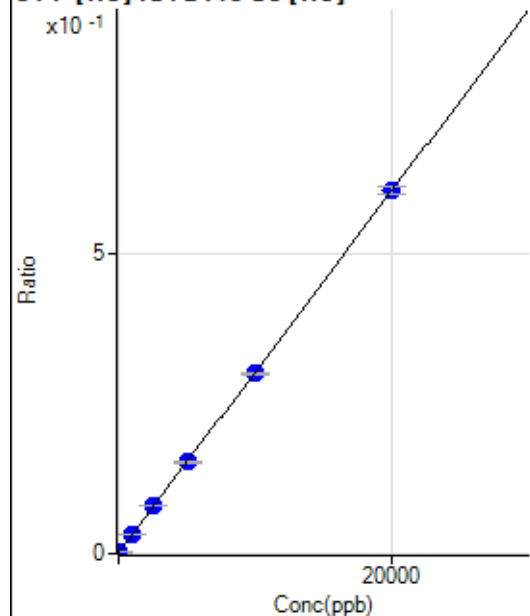
$$DL = 3.148$$

$$BEC = 71.25$$

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	-9.541	330.57	0.0010	P	3.6
2	☐	0.000	-3.295	383.35	0.0012	P	21.8
3	☐	0.000	12.836	541.69	0.0017	P	3.0
4	☐	1000.000	1057.172	11187.72	0.0332	P	2.6
5	☐	2500.000	2615.298	26061.71	0.0801	P	1.2
6	☐	5000.000	5023.571	48765.12	0.1527	P	2.2
7	☐	10000.000	9913.459	99231.72	0.3001	P	1.5
8	☐	20000.000	20020.107	210685.05	0.6048	P	2.1
9	☐			466.69	0.0013	P	7.7

$$y = 3.0145E-005 * x + 0.0013$$

$$R = 1.0000$$

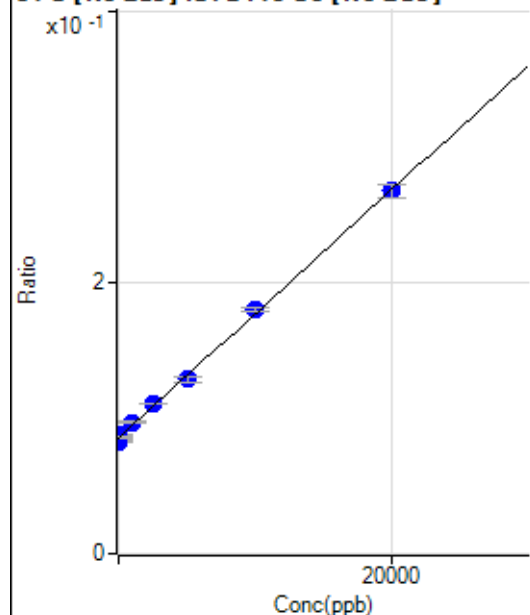
$$DL = 11.59$$

$$BEC = 43.35$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-289.734	271252.31	0.0828	P	1.5
2	☐	0.000	275.906	273341.59	0.0880	P	0.8
3	☐	0.000	13.828	273316.95	0.0856	P	2.3
4	☐	1000.000	1216.421	309386.99	0.0966	P	1.8
5	☐	2500.000	2734.049	355238.00	0.1104	P	0.2
6	☐	5000.000	4673.711	418233.33	0.1282	P	2.5
7	☐	10000.000	10302.245	568954.79	0.1796	P	1.8
8	☐	20000.000	19890.373	897139.07	0.2672	P	3.9
9	☐			254813.78	0.0732	P	0.3

$$y = 9.1347\text{E-}006 * x + 0.0855$$

$$R = 0.9993$$

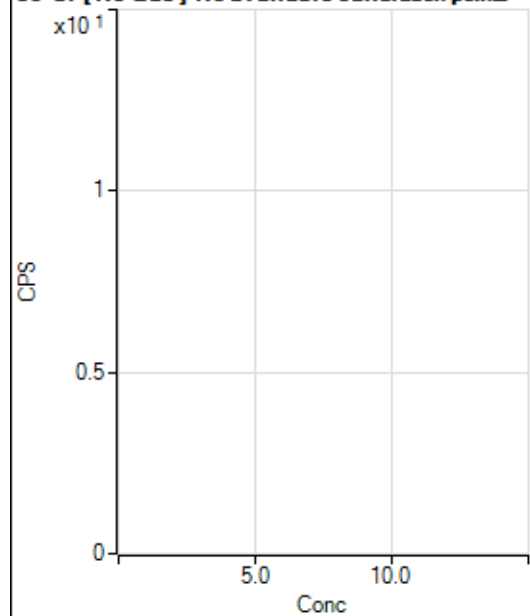
$$DL = 424.9$$

$$BEC = 9355$$

Weight: <None>

Min Conc: 0

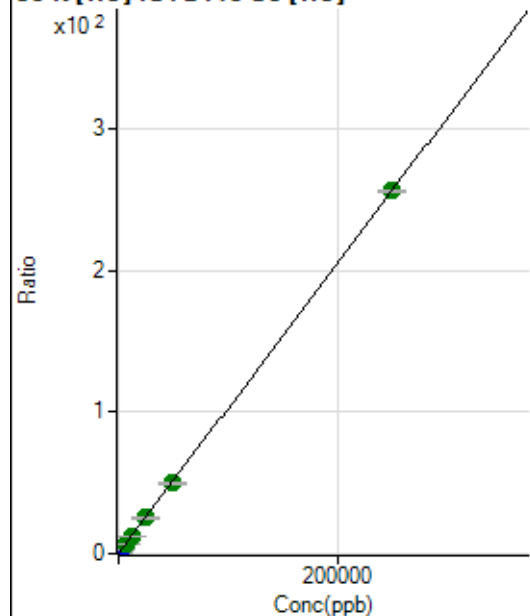
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62233.75	0.1920	P	2.9
2	☐	50.000	53.909	78480.19	0.2470	P	1.9
3	☐	500.000	513.497	229189.12	0.7164	P	0.8
4	☐	2500.000	2735.352	1006835.83	2.9854	P	1.2
5	☐	6250.000	6470.340	2211225.12	6.7996	A	0.4
6	☐	12500.000	12128.427	4015225.70	12.5778	A	0.8
7	☐	25000.000	24434.457	8313909.39	25.1450	A	0.7
8	☐	50000.000	48604.752	17358698.30	49.8282	A	1.4
9	☐	250000.00	250346.29	91508945.10	255.8509	A	0.5

$$y = 0.0010 * x + 0.1920$$

$$R = 1.0000$$

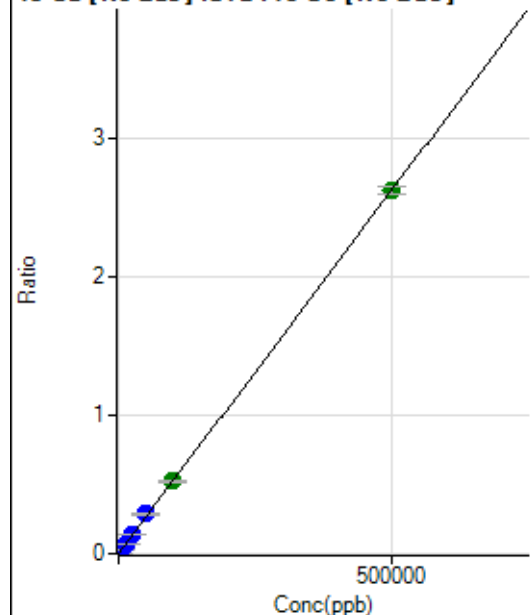
$$DL = 16.11$$

$$BEC = 188$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.47	0.0000	P	23.6
2	☐	50.000	51.796	976.59	0.0003	P	9.4
3	☐	500.000	486.302	8285.35	0.0026	P	10.2
4	☐	5000.000	5526.687	93145.44	0.0291	P	1.1
5	☐	12500.000	14223.378	240428.76	0.0747	P	3.0
6	☐	25000.000	26003.911	445666.85	0.1366	P	6.0
7	☐	50000.000	54589.963	908486.34	0.2867	P	1.5
8	☐	100000.00	99726.726	1758794.95	0.5237	A	4.0
9	☐	500000.00	499497.12	9135012.33	2.6231	A	2.1

$$y = 5.2514\text{E-}006 * x + 4.2319\text{E-}005$$

$$R = 1.0000$$

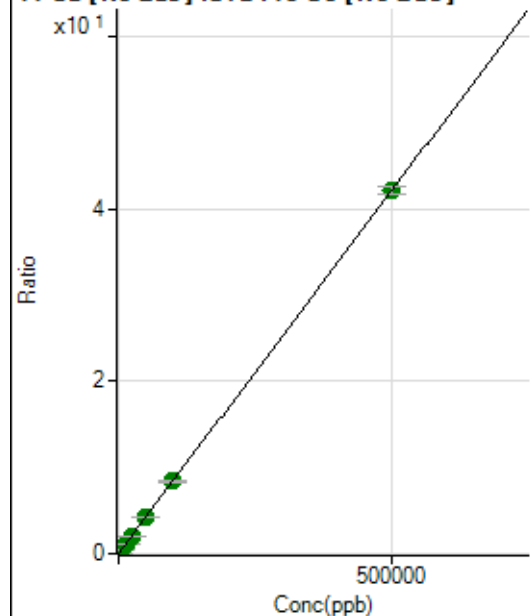
$$DL = 5.695$$

$$BEC = 8.059$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	79583.42	0.0243	P	1.0
2	☒	50.000					
3	☐	500.000	499.366	211727.20	0.0663	P	3.6
4	☐	5000.000	5170.099	1471853.05	0.4592	A	3.4
5	☐	12500.000	13145.528	3635461.89	1.1301	A	3.4
6	☐	25000.000	23975.545	6659217.71	2.0410	A	5.4
7	☐	50000.000	50482.910	13533045.50	4.2707	A	1.4
8	☐	100000.00	99684.154	28239580.31	8.4094	A	4.2
9	☐	500000.00	500048.26	146567461.1	42.0867	A	2.2

$$y = 8.4117\text{E-}005 * x + 0.0243$$

$$R = 1.0000$$

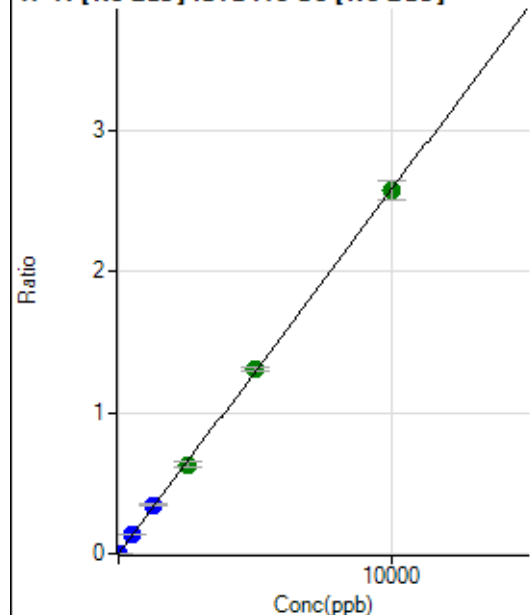
$$DL = 8.758$$

$$BEC = 288.8$$

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	69.44	0.0000	P	47.7
2	☐	0.500	0.518	480.57	0.0002	P	9.5
3	☐	5.000	4.918	4117.34	0.0013	P	6.5
4	☐	500.000	528.411	436775.48	0.1363	P	1.5
5	☐	1250.000	1333.737	1106612.20	0.3440	P	3.1
6	☐	2500.000	2445.903	2057842.97	0.6308	A	6.7
7	☐	5000.000	5070.761	4143749.44	1.3077	A	2.1
8	☐	10000.000	9966.256	8630197.24	2.5702	A	5.4
9	☐			1233.42	0.0004	P	10.9

$$y = 2.5789E-004 * x + 2.1138E-005$$

$$R = 0.9999$$

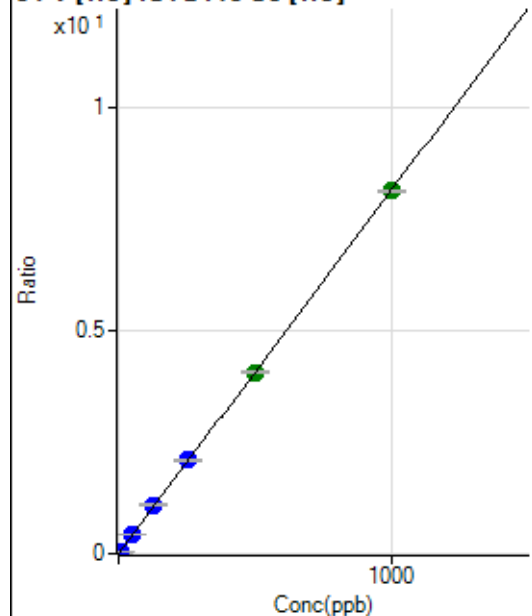
$$DL = 0.1174$$

$$BEC = 0.08197$$

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	13.33	0.0000	P	25.6
2	☐	0.500	0.484	1265.62	0.0040	P	2.8
3	☐	5.000	5.008	13068.01	0.0408	P	2.0
4	☐	50.000	52.557	144420.63	0.4282	P	1.1
5	☐	125.000	134.779	357091.56	1.0980	P	0.1
6	☐	250.000	256.911	668197.77	2.0930	P	1.0
7	☐	500.000	498.262	1342125.86	4.0592	A	0.9
8	☐	1000.000	997.791	2832314.58	8.1287	A	0.3
9	☐			705.63	0.0020	P	30.8

$$y = 0.0081 * x + 4.1186E-005$$

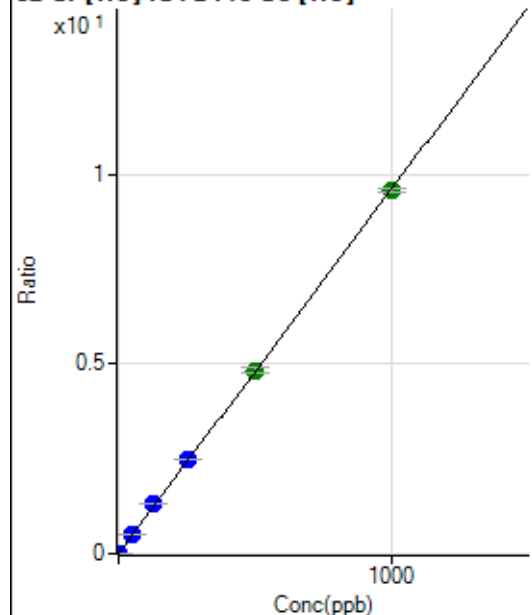
$$R = 0.9999$$

$$DL = 0.00389$$

$$BEC = 0.005056$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1402.30	0.0043	P	1.5
2	☐	0.200	0.227	2065.72	0.0065	P	5.9
3	☐	2.000	2.087	7798.76	0.0244	P	1.3
4	☐	50.000	53.679	175462.34	0.5203	P	0.8
5	☐	125.000	136.507	428074.95	1.3163	P	0.9
6	☐	250.000	259.383	797253.48	2.4973	P	0.1
7	☐	500.000	501.473	1594738.28	4.8241	A	3.0
8	☐	1000.000	995.295	3334294.29	9.5704	A	1.2
9	☐			41897.32	0.1171	P	0.9

$$y = 0.0096 * x + 0.0043$$

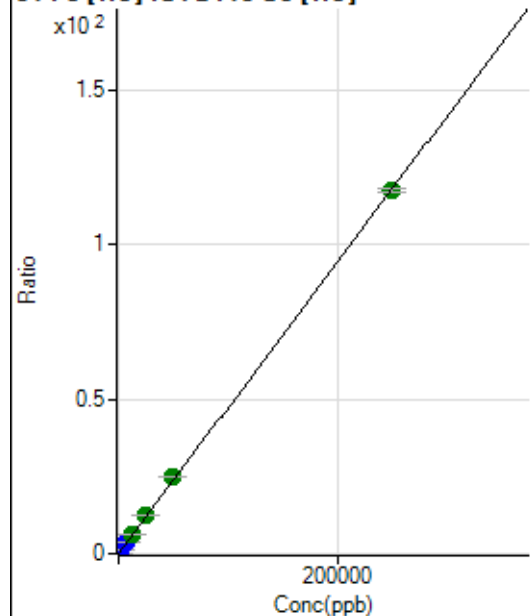
$$R = 0.9999$$

$$DL = 0.02041$$

$$BEC = 0.4499$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1344.77	0.0041	P	10.6
2	☐	5.000	6.507	2289.21	0.0072	P	4.7
3	☐	50.000	57.515	9980.28	0.0312	P	2.6
4	☐	2500.000	2929.022	466144.79	1.3822	P	1.0
5	☐	6250.000	7431.911	1138440.63	3.5006	P	0.4
6	☐	12500.000	13300.772	1998963.76	6.2618	A	0.6
7	☐	25000.000	26571.876	4134666.86	12.5054	A	1.1
8	☐	50000.000	52467.123	8601268.47	24.6883	A	0.9
9	☐	250000.00	249275.51	41945142.83	117.2807	A	1.1

$$y = 4.7047E-004 * x + 0.0041$$

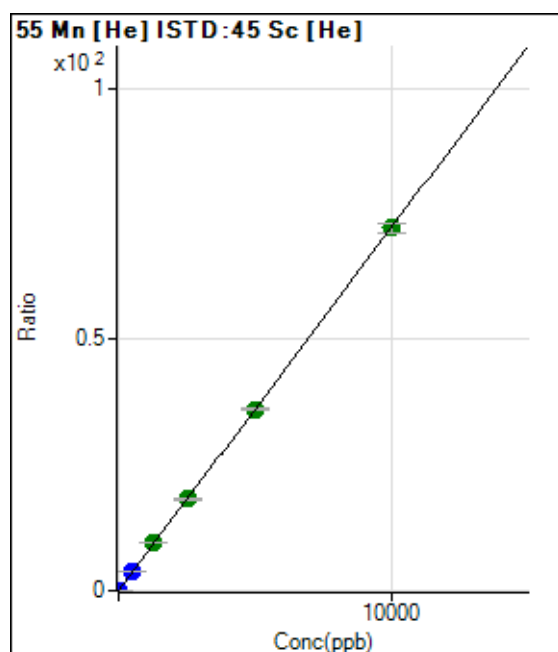
$$R = 0.9999$$

$$DL = 2.799$$

$$BEC = 8.807$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	90.00	0.0003	P	7.9
2	☐	0.100	0.111	343.34	0.0011	P	4.7
3	☐	1.000	1.056	2531.35	0.0079	P	4.1
4	☐	500.000	536.515	1307725.37	3.8775	P	0.9
5	☐	1250.000	1333.935	3135113.91	9.6401	A	0.9
6	☐	2500.000	2516.623	5805639.29	18.1869	A	1.5
7	☐	5000.000	4996.475	11938323.15	36.1078	A	1.3
8	☐	10000.000	9985.289	25135813.52	72.1599	A	2.3
9	☐			20357.72	0.0569	P	5.7

$$y = 0.0072 * x + 2.7778E-004$$

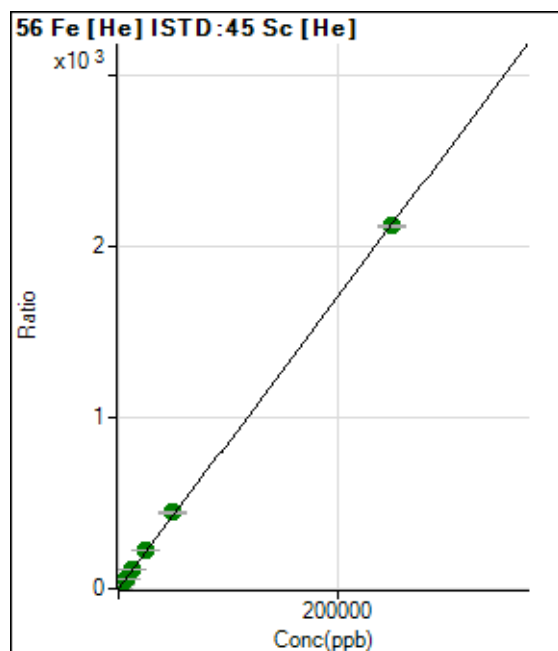
$$R = 1.0000$$

$$DL = 0.009137$$

$$BEC = 0.03844$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12486.90	0.0385	P	4.0
2	☐	5.000	5.494	27086.17	0.0853	P	2.6
3	☐	50.000	54.836	161624.04	0.5052	P	1.6
4	☐	2500.000	2708.845	7787999.42	23.0914	A	0.7
5	☐	6250.000	6948.975	19244237.47	59.1758	A	0.2
6	☐	12500.000	13251.112	36013530.90	112.8084	A	0.2
7	☐	25000.000	26159.241	73619728.96	222.6595	A	1.3
8	☐	50000.000	52363.705	155265201.6	445.6654	A	1.0
9	☐	250000.00	249354.21	758989898.4	2,122.098	A	0.7

$$y = 0.0085 * x + 0.0385$$

$$R = 0.9999$$

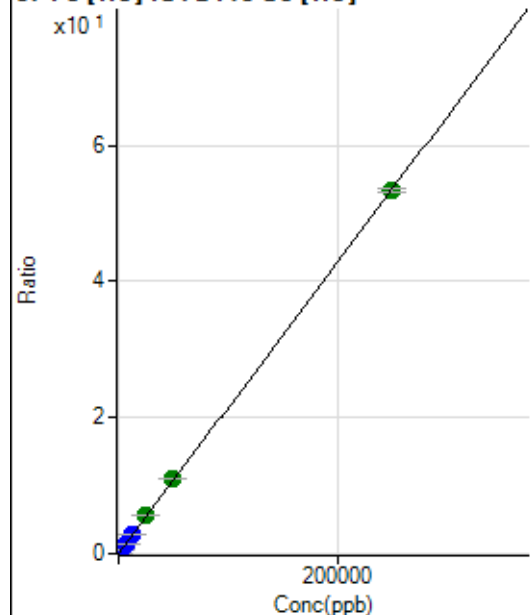
$$DL = 0.5424$$

$$BEC = 4.524$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	455.57	0.0014	P	7.9
2	☐	5.000	6.224	868.56	0.0027	P	3.6
3	☐	50.000	53.873	4132.12	0.0129	P	4.6
4	☐	2500.000	2817.348	203512.23	0.6034	P	0.4
5	☐	6250.000	7228.946	502798.66	1.5461	P	0.4
6	☐	12500.000	13677.927	933514.58	2.9241	P	0.6
7	☐	25000.000	26003.438	1837653.96	5.5578	A	0.8
8	☐	50000.000	51642.051	3844745.05	11.0362	A	2.1
9	☐	250000.00	249484.70	19066931.21	53.3111	A	1.1

$$y = 2.1368E-004 * x + 0.0014$$

$$R = 1.0000$$

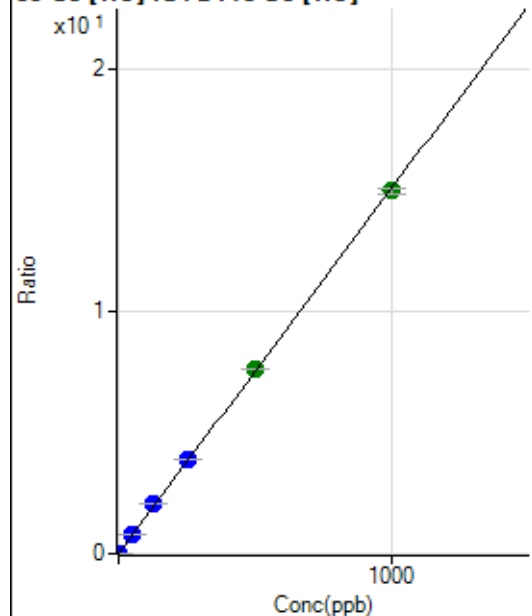
$$DL = 1.562$$

$$BEC = 6.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	164.45	0.0005	P	9.9
2	☐	0.100	0.108	676.69	0.0021	P	3.0
3	☐	1.000	1.029	5125.38	0.0160	P	3.8
4	☐	50.000	53.576	272501.19	0.8080	P	0.7
5	☐	125.000	136.877	671014.58	2.0634	P	0.7
6	☐	250.000	259.060	1246612.10	3.9049	P	1.0
7	☐	500.000	505.321	2518190.34	7.6164	A	1.0
8	☐	1000.000	993.411	5215997.87	14.9727	A	1.7
9	☐			9599.91	0.0268	P	3.9

$$y = 0.0151 * x + 5.0747E-004$$

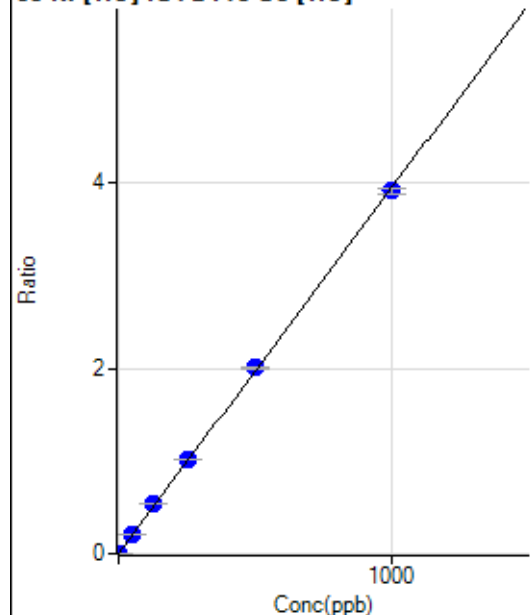
$$R = 0.9999$$

$$DL = 0.01004$$

$$BEC = 0.03367$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0001	P	47.4
2	☐	0.100	0.087	137.78	0.0004	P	12.5
3	☐	1.000	1.027	1325.63	0.0041	P	3.3
4	☐	50.000	54.037	71931.24	0.2133	P	0.4
5	☐	125.000	136.002	174516.71	0.5366	P	0.6
6	☐	250.000	257.912	324847.73	1.0176	P	0.6
7	☐	500.000	508.414	663191.43	2.0058	P	1.0
8	☐	1000.000	992.238	1363652.06	3.9145	P	1.8
9	☐			11136.50	0.0311	P	0.3

$$y = 0.0039 * x + 9.2048E-005$$

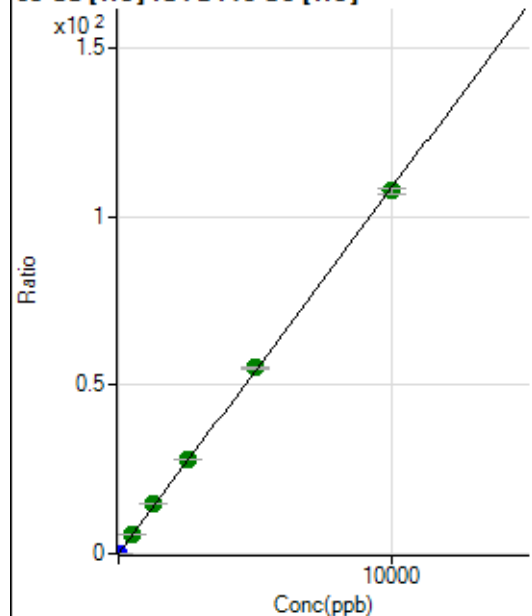
$$R = 0.9999$$

$$DL = 0.0332$$

$$BEC = 0.02333$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.91	0.0022	P	0.3
2	☐	0.200	0.230	1487.87	0.0047	P	5.7
3	☐	2.000	2.208	8363.55	0.0262	P	6.1
4	☐	500.000	534.123	1956698.96	5.8015	A	1.1
5	☐	1250.000	1368.982	4834521.07	14.8661	A	0.2
6	☐	2500.000	2586.365	8965763.06	28.0840	A	0.3
7	☐	5000.000	5079.470	18235958.20	55.1532	A	1.2
8	☐	10000.000	9922.094	37529524.44	107.7325	A	1.8
9	☐			21588.31	0.0604	P	2.4

$$y = 0.0109 * x + 0.0022$$

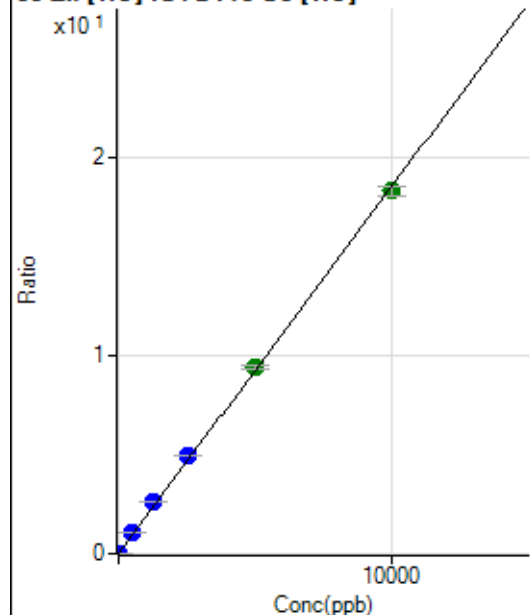
$$R = 0.9999$$

$$DL = 0.001843$$

$$BEC = 0.2014$$

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	230.00	0.0007	P	8.5
2	☒	0.200					
3	☐	2.000	2.495	1702.34	0.0053	P	13.8
4	☐	500.000	554.954	346565.39	1.0276	P	1.3
5	☐	1250.000	1406.346	846506.05	2.6030	P	0.4
6	☐	2500.000	2666.246	1575215.41	4.9342	P	0.6
7	☐	5000.000	5095.096	3117387.66	9.4285	A	2.0
8	☐	10000.000	9888.599	6374007.41	18.2983	A	2.3
9	☐			10282.55	0.0287	P	0.9

$$y = 0.0019 * x + 7.0867E-004$$

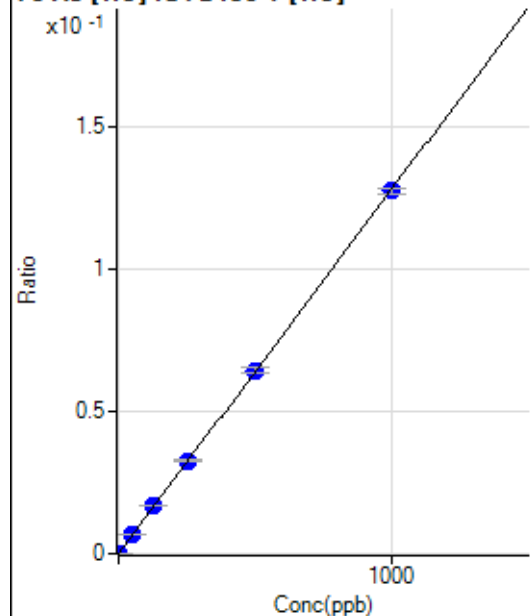
$$R = 0.9997$$

$$DL = 0.09741$$

$$BEC = 0.383$$

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	5.56	0.0000	P	66.9
2	☐	0.100	0.080	35.81	0.0000	P	28.8
3	☐	1.000	0.998	390.13	0.0001	P	6.5
4	☐	50.000	51.714	20850.49	0.0066	P	2.3
5	☐	125.000	132.208	51566.54	0.0169	P	1.5
6	☐	250.000	255.593	96507.41	0.0327	P	1.6
7	☐	500.000	503.118	197649.13	0.0644	P	2.6
8	☐	1000.000	996.056	412442.52	0.1275	P	1.9
9	☐			146.92	0.0000	P	9.8

$$y = 1.2801E-004 * x + 1.8289E-006$$

$$R = 1.0000$$

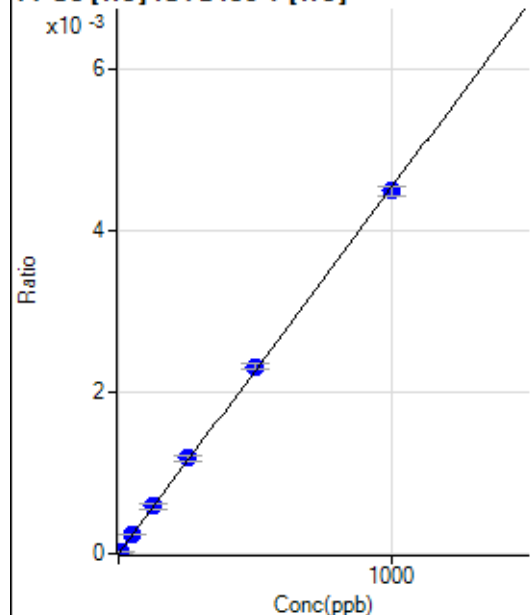
$$DL = 0.02867$$

$$BEC = 0.01429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.330	4.44	0.0000	P	41.7
3	☐	5.000	5.132	70.00	0.0000	P	17.5
4	☐	50.000	52.481	748.92	0.0002	P	6.1
5	☐	125.000	129.605	1790.13	0.0006	P	10.2
6	☐	250.000	260.205	3480.45	0.0012	P	5.4
7	☐	500.000	511.853	7122.92	0.0023	P	2.5
8	☐	1000.000	990.822	14528.43	0.0045	P	2.4
9	☐			1.11	0.0000	P	173.

$$y = 4.5333\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

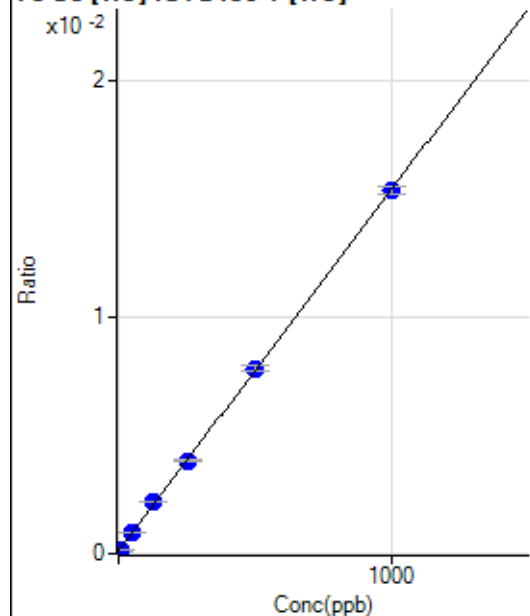
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	334.58	0.0001	P	0.8
2	☐	0.500	0.769	360.50	0.0001	P	3.1
3	☐	5.000	5.682	593.22	0.0002	P	2.8
4	☐	50.000	50.938	2800.28	0.0009	P	2.7
5	☐	125.000	134.713	6613.86	0.0022	P	1.3
6	☐	250.000	250.156	11610.78	0.0039	P	1.4
7	☐	500.000	504.730	24029.55	0.0078	P	2.8
8	☐	1000.000	996.331	49651.32	0.0153	P	2.0
9	☐			361.73	0.0001	P	3.1

$$y = 1.5295\text{E-}005 * x + 1.1019\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1636$$

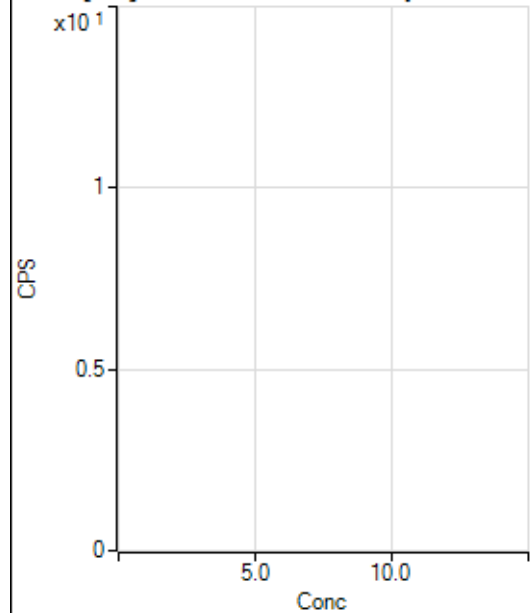
$$BEC = 7.204$$

Weight: <None>

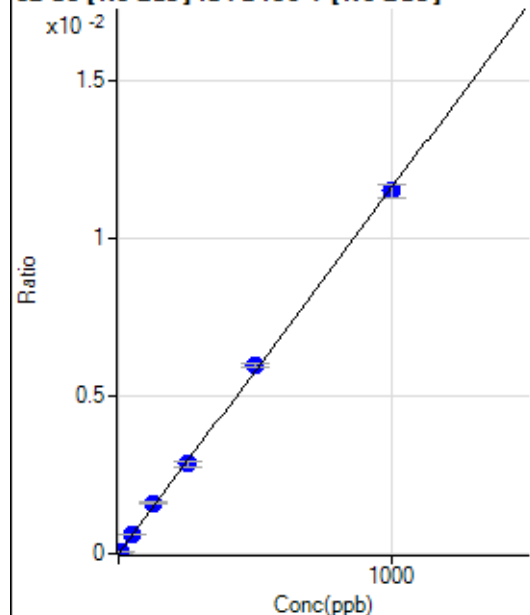
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11618.80		P	1.0
2	☐			11018.41		P	2.6
3	☐			11585.45		P	1.6
4	☐			12199.94		P	2.6
5	☐			11532.70		P	2.4
6	☐			11329.71		P	4.3
7	☐			11830.11		P	5.6
8	☐			11452.03		P	2.0
9	☐			12077.54		P	3.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.41		P	31.5
2	☐			56.72		P	10.2
3	☐			86.75		P	17.6
4	☐			100.10		P	34.6
5	☐			60.06		P	33.3
6	☐			63.40		P	24.1
7	☐			93.43		P	40.6
8	☐			90.09		P	11.1
9	☐			140.15		P	32.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-160.29	0.0000	P	-77.
2	☒	0.500					
3	☐	5.000	5.531	512.25	0.0000	P	23.5
4	☐	50.000	54.931	6555.47	0.0006	P	0.4
5	☐	125.000	138.082	16598.02	0.0016	P	2.6
6	☐	250.000	245.262	30420.86	0.0028	P	5.9
7	☐	500.000	513.601	62650.49	0.0059	P	2.2
8	☐	1000.000	992.500	126572.43	0.0115	P	3.6
9	☐			112.54	0.0000	P	196.

$$y = 1.1610E-005 * x - 1.4877E-005$$

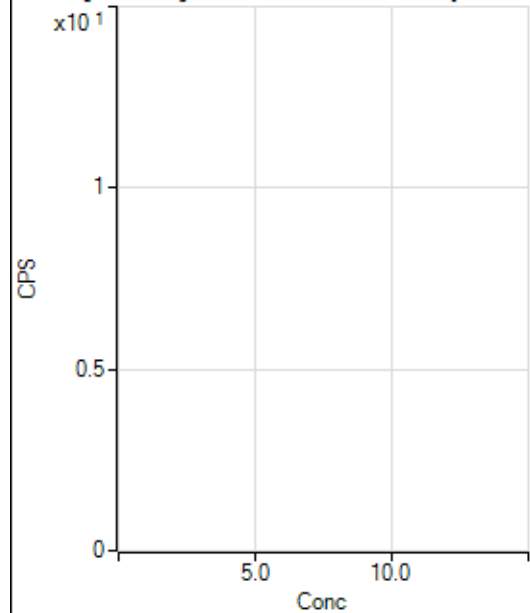
$$R = 0.9998$$

$$DL = 2.964$$

$$BEC = -1.281$$

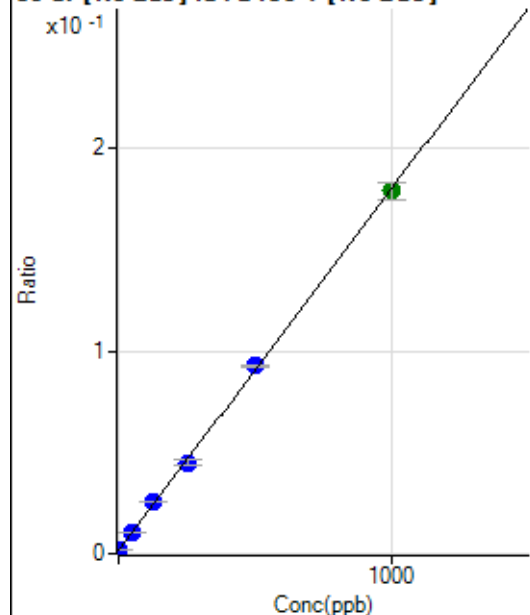
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9973.44		P	2.4
2	☐			9791.10		P	3.1
3	☐			10044.61		P	0.8
4	☐			9795.55		P	0.9
5	☐			9729.96		P	1.2
6	☐			10199.16		P	1.6
7	☐			10023.48		P	2.6
8	☐			9966.78		P	2.3
9	☐			10320.37		P	1.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16234.42	0.0015	P	1.7
2	☐	0.100	0.004	15355.57	0.0015	P	1.2
3	☐	1.000	1.101	17680.50	0.0017	P	4.8
4	☐	50.000	52.097	113701.57	0.0108	P	2.0
5	☐	125.000	135.196	267928.77	0.0256	P	3.0
6	☐	250.000	243.983	483872.07	0.0451	P	5.5
7	☐	500.000	511.378	977340.93	0.0928	P	1.4
8	☐	1000.000	994.436	1969011.83	0.1790	A	4.6
9	☐			30546.13	0.0028	P	0.2

$$y = 1.7852\text{E-}004 * x + 0.0015$$

$$R = 0.9998$$

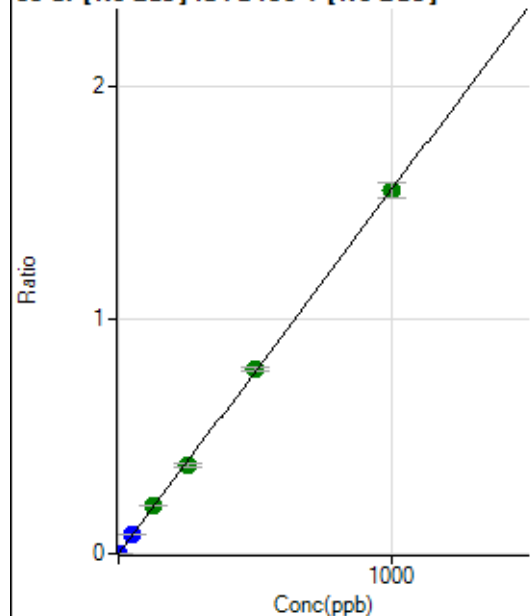
$$DL = 0.4404$$

$$BEC = 8.409$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	35.5
2	☐	0.100	0.095	1669.59	0.0002	P	4.6
3	☐	1.000	0.972	15922.97	0.0015	P	6.5
4	☐	50.000	53.144	871160.21	0.0828	P	1.2
5	☐	125.000	132.824	2161787.55	0.2068	A	2.0
6	☐	250.000	242.820	4060385.90	0.3781	A	6.3
7	☐	500.000	507.801	8328130.31	0.7907	A	1.4
8	☐	1000.000	996.759	17069898.12	1.5521	A	4.3
9	☐			124252.88	0.0112	P	2.0

$$y = 0.0016 * x + 1.5944\text{E-}005$$

$$R = 0.9999$$

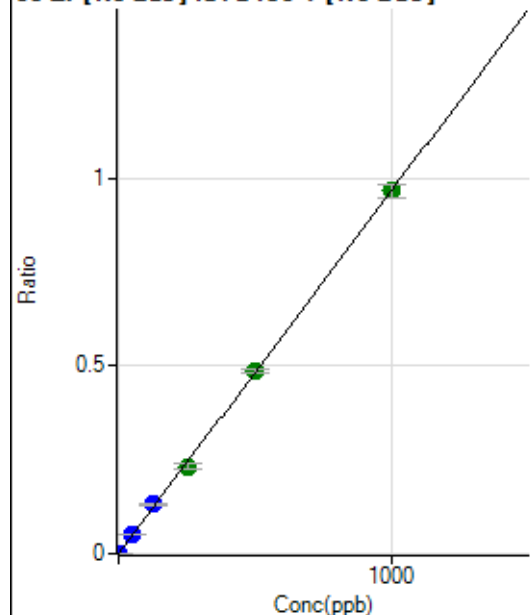
$$DL = 0.01089$$

$$BEC = 0.01024$$

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	472.24	0.0000	P	16.0
2	☐	0.100	0.095	1386.22	0.0001	P	1.6
3	☐	1.000	0.929	9789.72	0.0009	P	5.6
4	☐	50.000	52.889	537693.49	0.0511	P	0.4
5	☐	125.000	135.728	1369453.26	0.1310	P	3.1
6	☐	250.000	240.722	2495757.32	0.2324	A	5.6
7	☐	500.000	501.905	5102590.91	0.4845	A	2.5
8	☐	1000.000	999.882	10614164.47	0.9651	A	3.8
9	☐			6009.73	0.0005	P	5.2

$$y = 9.6514\text{E-}004 * x + 4.3670\text{E-}005$$

$$R = 0.9999$$

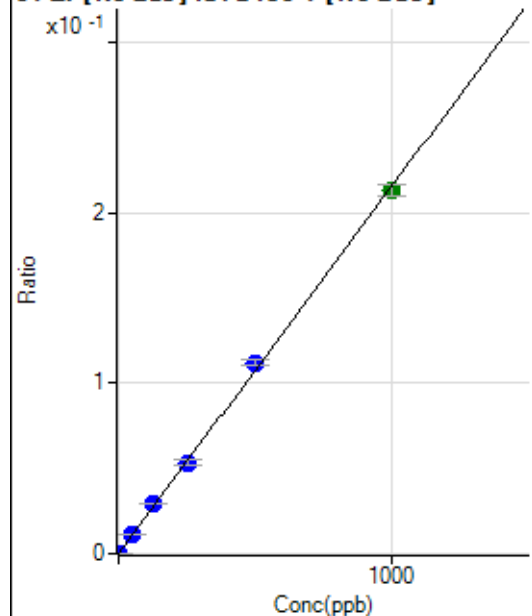
$$DL = 0.02171$$

$$BEC = 0.04525$$

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	72.23	0.0000	P	45.8
2	☐	0.100	0.081	247.23	0.0000	P	22.2
3	☐	1.000	0.961	2228.01	0.0002	P	8.0
4	☐	50.000	52.510	119197.20	0.0113	P	1.6
5	☐	125.000	136.306	307122.83	0.0294	P	2.4
6	☐	250.000	248.378	574967.06	0.0535	P	6.0
7	☐	500.000	521.076	1183047.74	0.1123	P	2.1
8	☐	1000.000	988.329	2343113.72	0.2130	A	3.3
9	☐			1252.86	0.0001	P	6.9

$$y = 2.1555\text{E-}004 * x + 6.6645\text{E-}006$$

$$R = 0.9996$$

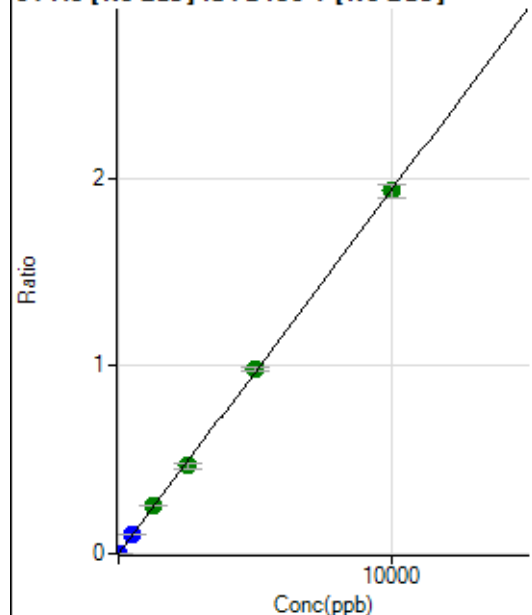
$$DL = 0.04252$$

$$BEC = 0.03092$$

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	197.23	0.0000	P	9.4
2	☐	0.500	0.516	1208.41	0.0001	P	8.9
3	☐	5.000	5.668	11624.37	0.0011	P	2.1
4	☐	500.000	527.593	1075483.18	0.1022	P	2.2
5	☐	1250.000	1323.354	2678040.49	0.2563	A	1.9
6	☐	2500.000	2415.324	5022361.53	0.4677	A	5.8
7	☐	5000.000	5061.363	10322366.98	0.9800	A	2.3
8	☐	10000.000	9979.938	21253664.71	1.9324	A	3.8
9	☐			8513.84	0.0008	P	2.7

$$y = 1.9363E-004 * x + 1.8236E-005$$

$$R = 0.9999$$

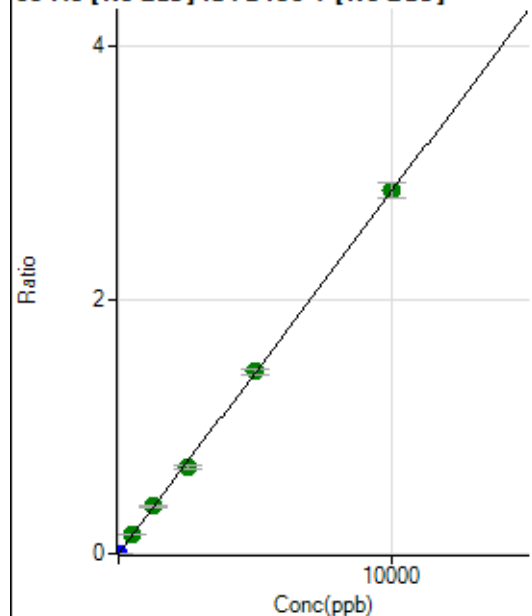
$$DL = 0.02663$$

$$BEC = 0.09418$$

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	50.00	0.0000	P	16.0
2	☐	0.500	0.487	1466.77	0.0001	P	1.7
3	☐	5.000	4.864	14479.82	0.0014	P	6.0
4	☐	500.000	509.932	1529456.88	0.1453	A	1.6
5	☐	1250.000	1319.093	3928510.50	0.3759	A	2.9
6	☐	2500.000	2369.423	7251762.23	0.6752	A	5.1
7	☐	5000.000	5016.675	15057786.62	1.4296	A	2.7
8	☐	10000.000	10015.173	31389613.20	2.8541	A	4.2
9	☐			10868.21	0.0010	P	5.7

$$y = 2.8497E-004 * x + 4.6207E-006$$

$$R = 0.9999$$

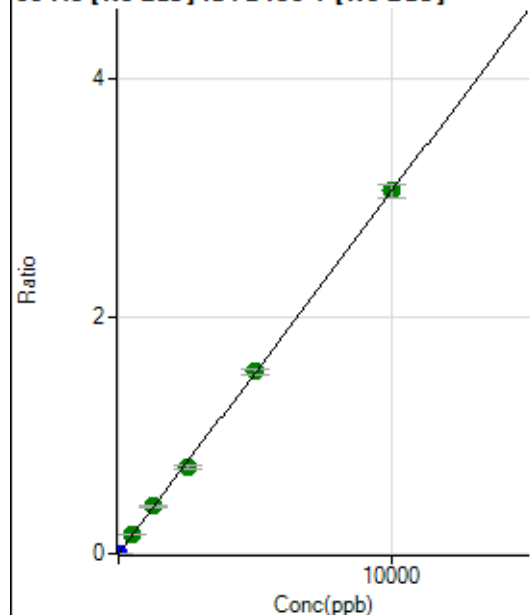
$$DL = 0.007761$$

$$BEC = 0.01621$$

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	313.90	0.0000	P	15.4
2	☐	0.500	0.534	1966.86	0.0002	P	2.8
3	☐	5.000	5.001	16223.35	0.0016	P	5.4
4	☐	500.000	513.055	1651203.05	0.1569	A	2.3
5	☐	1250.000	1311.629	4190947.67	0.4010	A	2.2
6	☐	2500.000	2376.253	7802127.26	0.7264	A	5.1
7	☐	5000.000	5017.463	16155822.93	1.5339	A	2.8
8	☐	10000.000	10013.849	33668520.20	3.0613	A	3.4
9	☐			16796.27	0.0015	P	1.8

$$y = 3.0570E-004 * x + 2.9037E-005$$

$$R = 0.9999$$

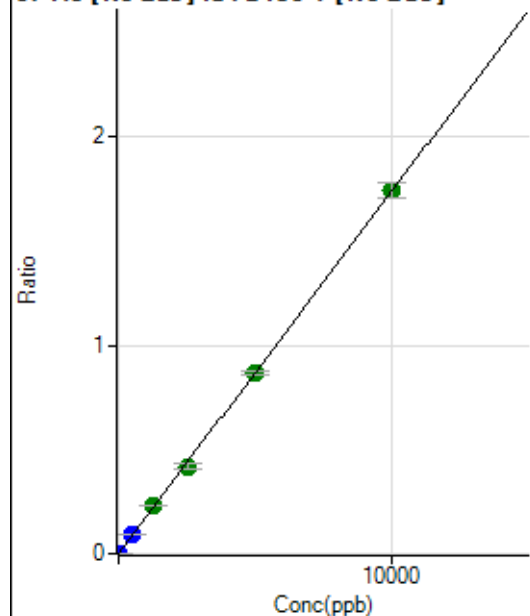
$$DL = 0.04384$$

$$BEC = 0.09499$$

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	50.00	0.0000	P	59.6
2	☐	0.500	0.478	897.27	0.0001	P	16.6
3	☐	5.000	4.998	9089.21	0.0009	P	9.7
4	☐	500.000	529.230	968401.08	0.0920	P	2.9
5	☐	1250.000	1318.165	2394447.02	0.2291	A	2.3
6	☐	2500.000	2398.168	4476181.96	0.4169	A	6.3
7	☐	5000.000	4992.987	9141087.27	0.8679	A	2.6
8	☐	10000.000	10018.982	19153000.78	1.7415	A	4.2
9	☐			6935.17	0.0006	P	2.2

$$y = 1.7382E-004 * x + 4.6137E-006$$

$$R = 0.9999$$

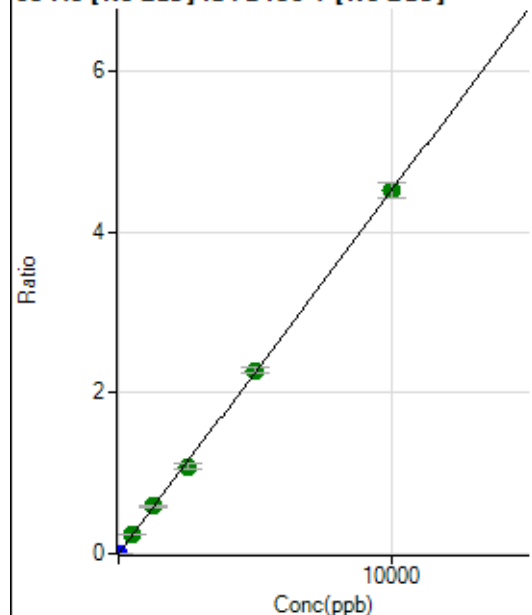
$$DL = 0.0475$$

$$BEC = 0.02654$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0000	P	15.9
2	☐	0.500	0.446	2191.89	0.0002	P	12.6
3	☐	5.000	4.904	23199.57	0.0022	P	4.1
4	☐	500.000	513.908	2442305.76	0.2320	A	3.0
5	☐	1250.000	1311.803	6189780.70	0.5923	A	2.6
6	☐	2500.000	2396.389	11618807.12	1.0820	A	5.8
7	☐	5000.000	5044.869	23991506.26	2.2778	A	3.3
8	☐	10000.000	9995.048	49631492.08	4.5128	A	4.1
9	☐			17832.53	0.0016	P	3.0

$$y = 4.5150\text{E-}004 * x + 1.3106\text{E-}005$$

$$R = 0.9999$$

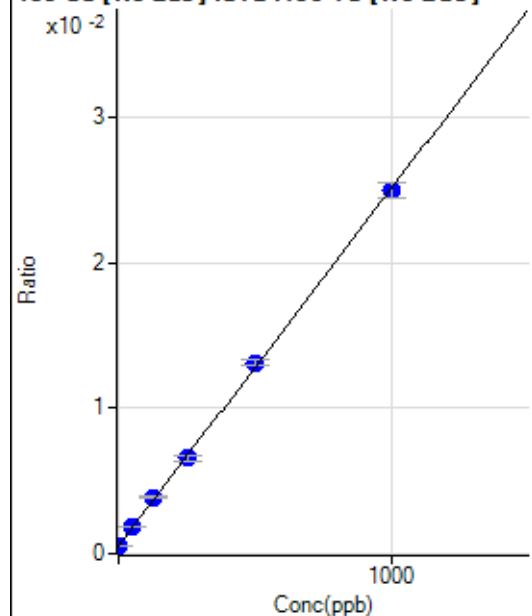
$$DL = 0.01385$$

$$BEC = 0.02903$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3658.91	0.0005	P	9.0
2	☐	0.100	-0.390	3383.81	0.0005	P	5.6
3	☐	1.000	-0.500	3447.73	0.0005	P	3.5
4	☐	50.000	52.918	12514.06	0.0018	P	3.5
5	☐	125.000	136.212	26132.60	0.0039	P	1.6
6	☐	250.000	245.934	45726.05	0.0066	P	6.1
7	☐	500.000	513.308	90249.73	0.0131	P	2.3
8	☐	1000.000	992.817	178206.29	0.0249	P	4.2
9	☐			4006.21	0.0006	P	1.5

$$y = 2.4558\text{E-}005 * x + 5.2976\text{E-}004$$

$$R = 0.9998$$

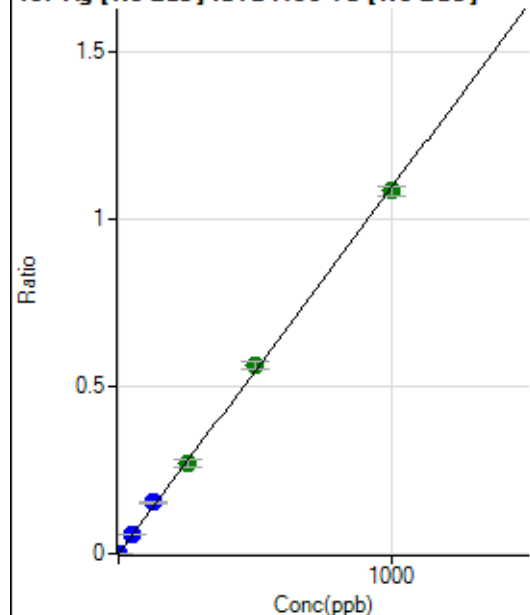
$$DL = 5.826$$

$$BEC = 21.57$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	11.3
2	☐	0.100	0.093	744.48	0.0001	P	9.6
3	☐	1.000	0.999	7357.61	0.0011	P	4.7
4	☐	50.000	54.454	407178.44	0.0595	P	2.5
5	☐	125.000	141.148	1040510.17	0.1543	P	2.9
6	☐	250.000	245.812	1869336.33	0.2686	A	7.5
7	☐	500.000	515.133	3867300.52	0.5630	A	3.3
8	☐	1000.000	991.239	7749613.71	1.0833	A	2.5
9	☐			4192.58	0.0006	P	3.7

$$y = 0.0011 * x + 1.2874E-005$$

$$R = 0.9997$$

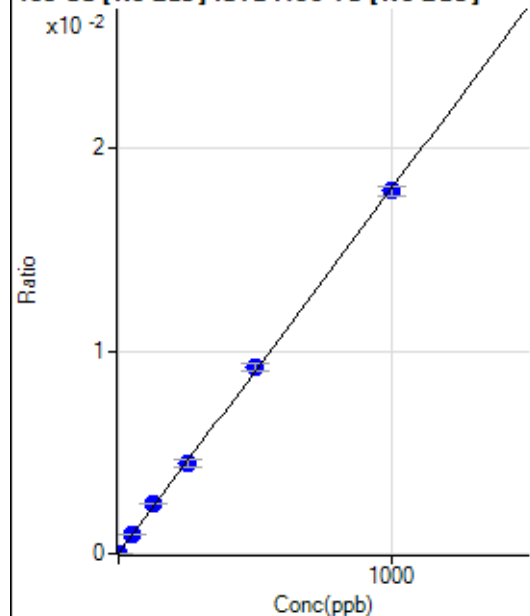
$$DL = 0.003982$$

$$BEC = 0.01178$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	13.8
2	☐	0.100	0.301	113.89	0.0000	P	26.1
3	☐	1.000	1.069	208.34	0.0000	P	11.1
4	☐	50.000	52.313	6520.98	0.0010	P	3.2
5	☐	125.000	136.631	16659.77	0.0025	P	2.5
6	☐	250.000	246.198	30897.17	0.0044	P	8.7
7	☐	500.000	510.864	63199.36	0.0092	P	5.0
8	☐	1000.000	993.949	128006.78	0.0179	P	2.9
9	☐			115.28	0.0000	P	19.6

$$y = 1.7991E-005 * x + 1.2070E-005$$

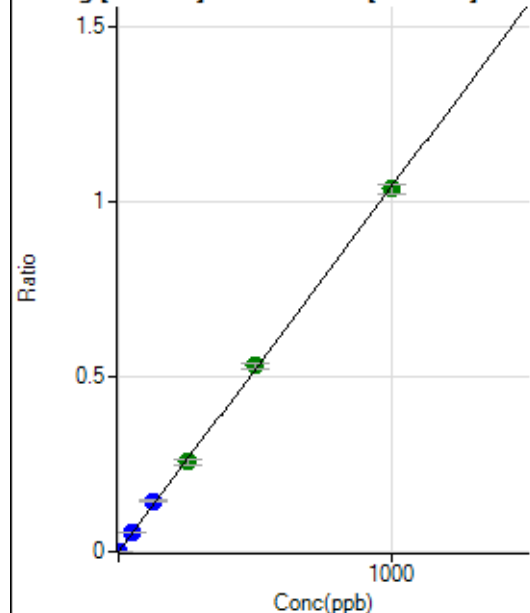
$$R = 0.9998$$

$$DL = 0.2772$$

$$BEC = 0.6709$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	20.1
2	☐	0.100	0.079	575.02	0.0001	P	2.8
3	☐	1.000	0.956	6671.17	0.0010	P	10.8
4	☐	50.000	53.810	383594.44	0.0561	P	2.3
5	☐	125.000	139.023	977120.88	0.1449	P	3.7
6	☐	250.000	245.511	1780176.09	0.2558	A	7.2
7	☐	500.000	509.652	3648335.67	0.5310	A	2.7
8	☐	1000.000	994.353	7411404.33	1.0361	A	2.5
9	☐			3811.71	0.0005	P	2.3

$$y = 0.0010 * x + 6.0323E-006$$

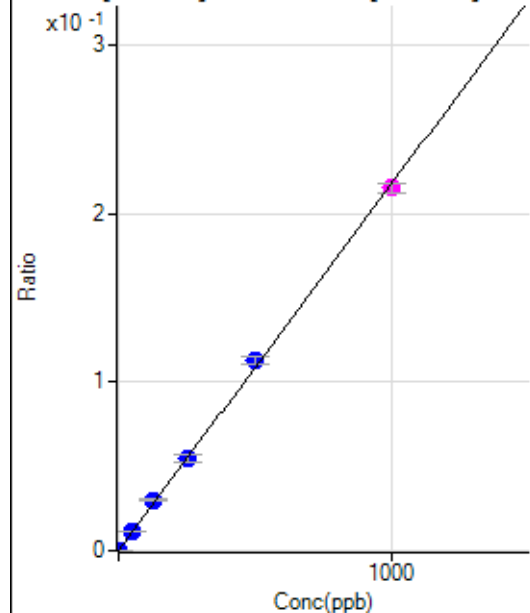
$$R = 0.9998$$

$$DL = 0.003493$$

$$BEC = 0.005789$$

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	347.83	0.0001	P	14.1
2	☐	0.100	0.075	433.66	0.0001	P	4.1
3	☐	1.000	1.002	1787.93	0.0003	P	9.3
4	☐	50.000	53.291	79623.16	0.0116	P	2.4
5	☐	125.000	138.193	203051.66	0.0301	P	2.8
6	☐	250.000	249.971	378540.06	0.0544	P	8.3
7	☐	500.000	517.920	774063.13	0.1127	P	3.9
8	☐	1000.000	989.234	1539158.97	0.2152	M	2.7
9	☐			711.60	0.0001	P	2.0

$$y = 2.1747E-004 * x + 5.0362E-005$$

$$R = 0.9997$$

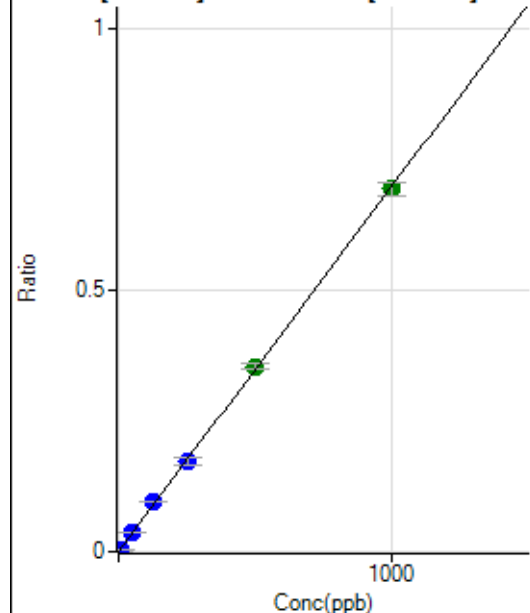
$$DL = 0.09819$$

$$BEC = 0.2316$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.41	0.0001	P	19.4
2	☐	0.500	0.605	3409.00	0.0005	P	3.7
3	☐	5.000	5.096	24342.52	0.0037	P	5.0
4	☐	50.000	53.569	256185.82	0.0375	P	2.7
5	☐	125.000	137.875	649023.79	0.0962	P	2.3
6	☐	250.000	249.523	1211027.62	0.1741	P	8.1
7	☐	500.000	508.334	2434822.16	0.3545	A	4.1
8	☐	1000.000	994.164	4958800.81	0.6932	A	3.5
9	☐			3806.55	0.0005	P	8.7

$$y = 6.9718\text{E-}004 * x + 1.0252\text{E-}004$$

$$R = 0.9999$$

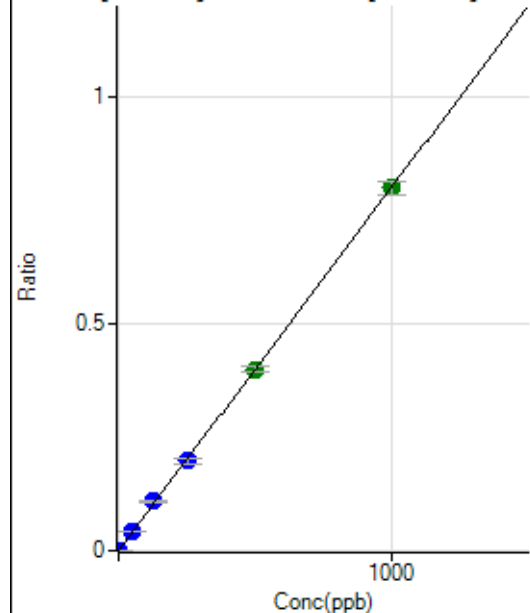
$$DL = 0.0855$$

$$BEC = 0.1471$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	29.2
2	☐	0.200	0.177	977.84	0.0002	P	7.3
3	☐	2.000	1.903	10215.06	0.0015	P	4.6
4	☐	50.000	52.574	288069.31	0.0421	P	3.2
5	☐	125.000	136.495	737286.83	0.1093	P	2.3
6	☐	250.000	247.226	1377709.90	0.1980	P	7.4
7	☐	500.000	500.097	2751278.47	0.4005	A	3.9
8	☐	1000.000	999.080	5723386.37	0.8001	A	3.8
9	☐			4639.78	0.0007	P	12.4

$$y = 8.0082\text{E-}004 * x + 8.4573\text{E-}006$$

$$R = 0.9999$$

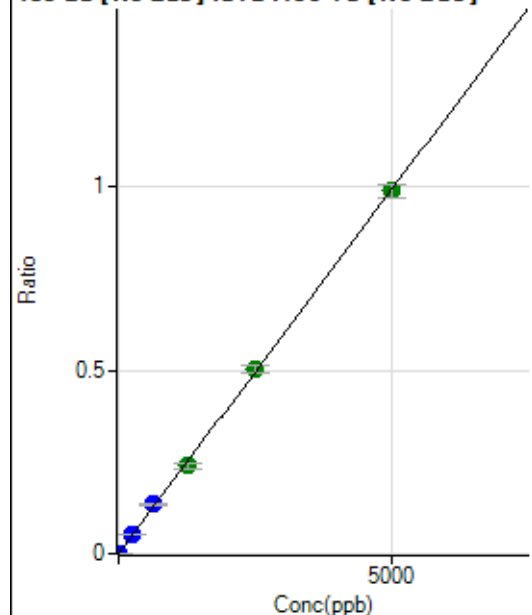
$$DL = 0.009242$$

$$BEC = 0.01056$$

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	8.33	0.0000	P	100.
2	☐	1.000	1.082	1402.88	0.0002	P	5.5
3	☐	10.000	9.488	12544.85	0.0019	P	3.9
4	☐	250.000	260.943	354099.24	0.0518	P	2.4
5	☐	625.000	682.271	912889.25	0.1353	P	2.8
6	☐	1250.000	1204.433	1662433.83	0.2389	A	7.6
7	☐	2500.000	2533.615	3452275.07	0.5026	A	4.0
8	☐	5000.000	4986.879	7076977.98	0.9892	A	3.9
9	☐			3036.52	0.0004	P	6.8

$$y = 1.9837E-004 * x + 1.2065E-006$$

$$R = 0.9999$$

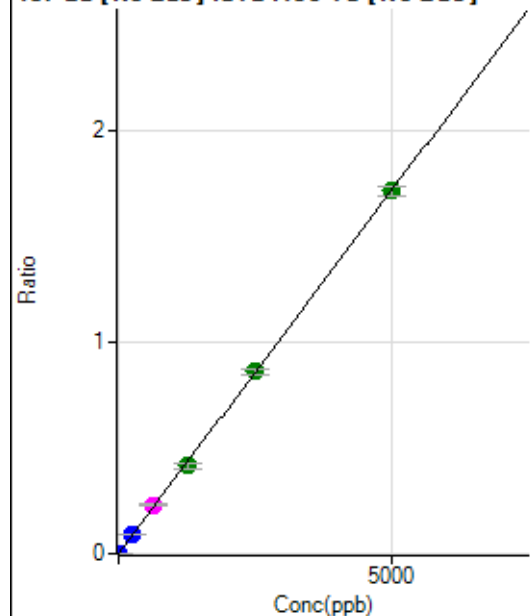
$$DL = 0.01834$$

$$BEC = 0.006082$$

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	30.56	0.0000	P	41.1
2	☐	1.000	0.993	2247.47	0.0003	P	5.1
3	☐	10.000	9.458	21672.73	0.0033	P	4.6
4	☐	250.000	263.892	620512.25	0.0907	P	2.8
5	☐	625.000	672.373	1558441.04	0.2311	M	2.9
6	☐	1250.000	1206.663	2885709.61	0.4148	A	8.0
7	☐	2500.000	2513.583	5934915.50	0.8640	A	3.0
8	☐	5000.000	4997.427	12287880.83	1.7177	A	2.6
9	☐			5242.80	0.0007	P	4.3

$$y = 3.4372E-004 * x + 4.4162E-006$$

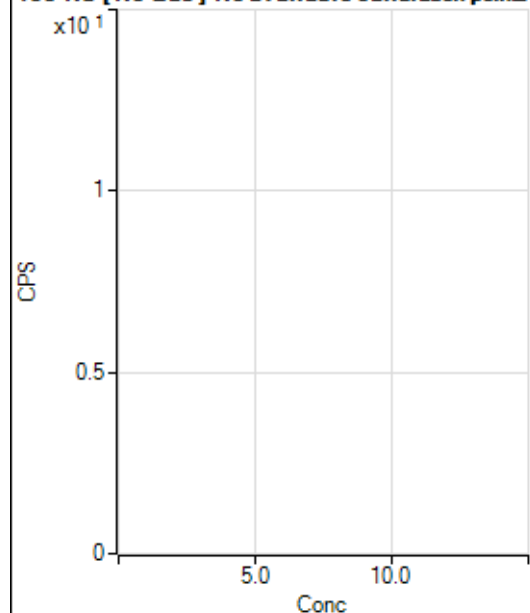
$$R = 0.9999$$

$$DL = 0.01583$$

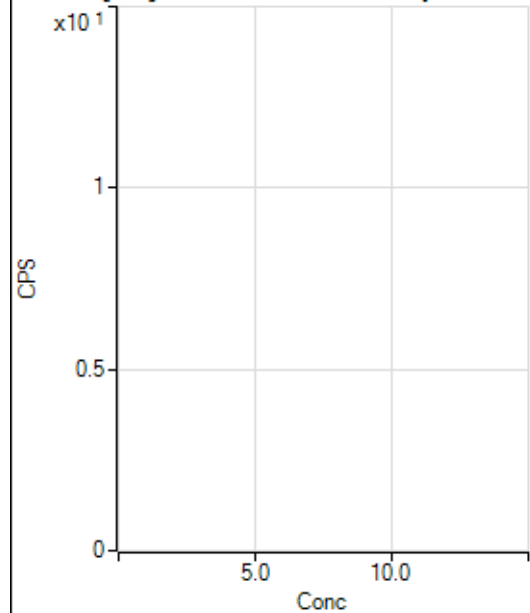
$$BEC = 0.01285$$

Weight: <None>

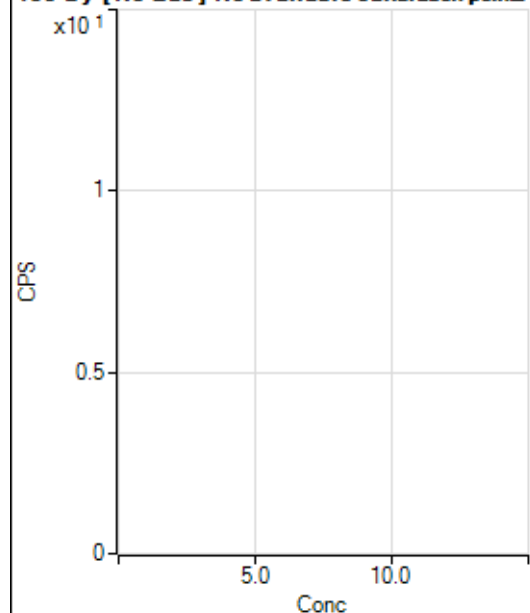
Min Conc: 0

150 Nd [No Gas] No available calibration points

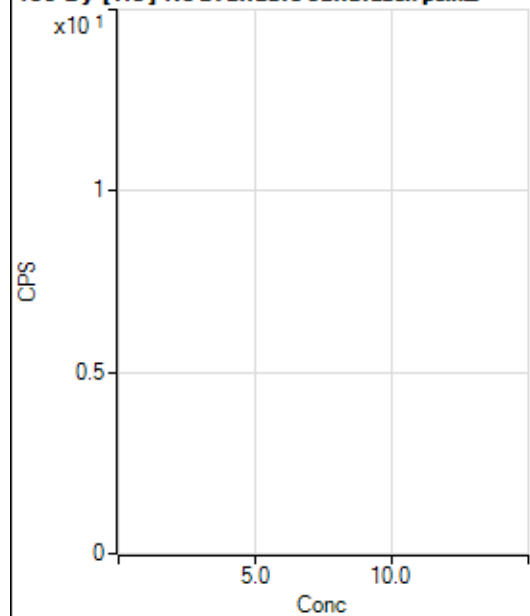
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	173.
2	☐			4.44		P	173.
3	☐			4.45		P	86.6
4	☐			26.67		P	25.0
5	☐			48.89		P	7.9
6	☐			97.78		P	32.2
7	☐			206.67		P	30.8
8	☐			344.46		P	14.7
9	☐			44.45		P	37.7

150 Nd [He] No available calibration points

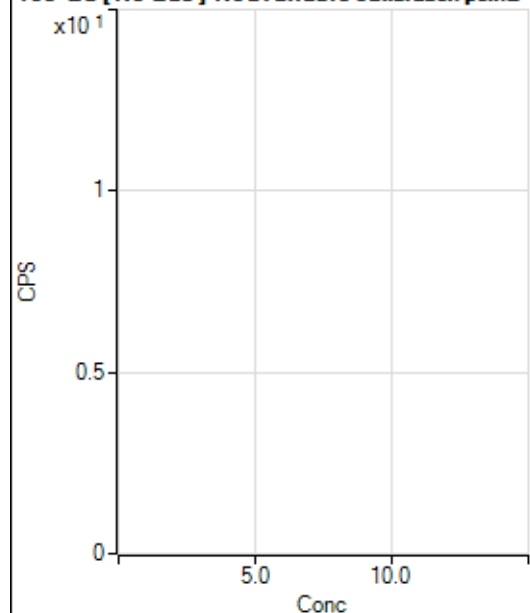
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			7.78		P	24.7
6	☐			26.67		P	33.1
7	☐			42.22		P	16.4
8	☐			68.89		P	23.9
9	☐			43.33		P	27.7

156 Dy [No Gas] No available calibration points

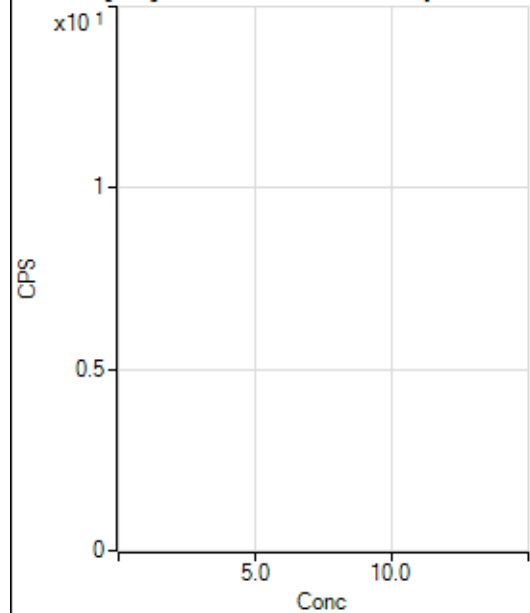
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			19.44		P	65.5
3	☐			2.78		P	173.
4	☐			13.89		P	34.7
5	☐			41.67		P	20.0
6	☐			66.67		P	12.5
7	☐			138.89		P	18.3
8	☐			300.01		P	10.0
9	☐			1236.20		P	0.8

156 Dy [He] No available calibration points

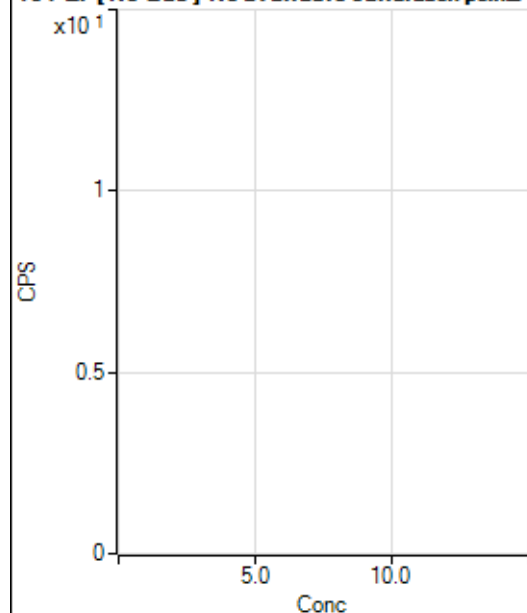
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	86.6
3	☐			6.67		P	100.
4	☐			20.00		P	16.7
5	☐			51.11		P	21.0
6	☐			81.11		P	23.7
7	☐			164.45		P	8.2
8	☐			418.90		P	16.1
9	☐			936.71		P	6.9

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

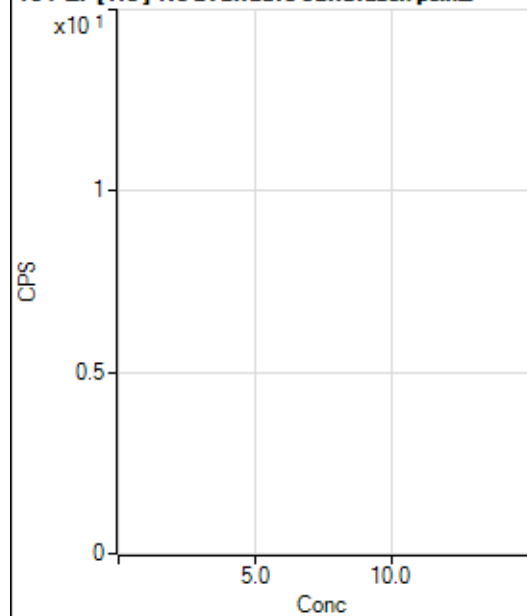
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐			41.67		P	20.0
3	☐			41.67		P	52.9
4	☐			66.67		P	43.3
5	☐			111.11		P	8.7
6	☐			111.11		P	24.1
7	☐			183.34		P	12.0
8	☐			336.12		P	5.2
9	☐			1102.85		P	3.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			176.67		P	8.6
2	☐			145.56		P	7.0
3	☐			182.22		P	16.0
4	☐			173.34		P	25.0
5	☐			210.00		P	5.7
6	☐			187.78		P	3.7
7	☐			285.56		P	4.4
8	☐			356.67		P	9.5
9	☐			1072.28		P	8.1

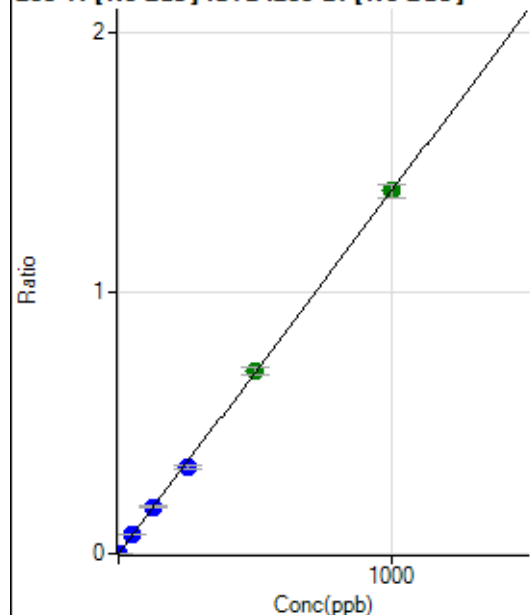
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	87.4
2	☐			47.22		P	10.2
3	☐			41.67		P	20.0
4	☐			47.22		P	27.0
5	☐			58.34		P	57.1
6	☐			69.44		P	38.6
7	☐			63.89		P	37.7
8	☐			100.00		P	33.3
9	☐			230.56		P	5.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	55.1
2	☐			34.44		P	49.7
3	☐			31.11		P	12.4
4	☐			33.34		P	17.3
5	☐			34.44		P	34.0
6	☐			35.55		P	10.8
7	☐			43.33		P	42.8
8	☐			70.00		P	34.3
9	☐			184.45		P	15.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1508.45	0.0003	P	1.0
2	☐	0.100	0.065	1825.17	0.0004	P	3.5
3	☐	1.000	0.866	7185.40	0.0015	P	6.2
4	☐	50.000	50.834	339887.43	0.0710	P	0.8
5	☐	125.000	129.157	869304.78	0.1800	P	2.2
6	☐	250.000	238.578	1631036.92	0.3322	P	5.9
7	☐	500.000	504.041	3408838.75	0.7016	A	4.0
8	☐	1000.000	1000.274	6852622.29	1.3920	A	3.7
9	☐			2553.09	0.0006	P	1.6

$$y = 0.0014 * x + 3.0716E-004$$

$$R = 0.9999$$

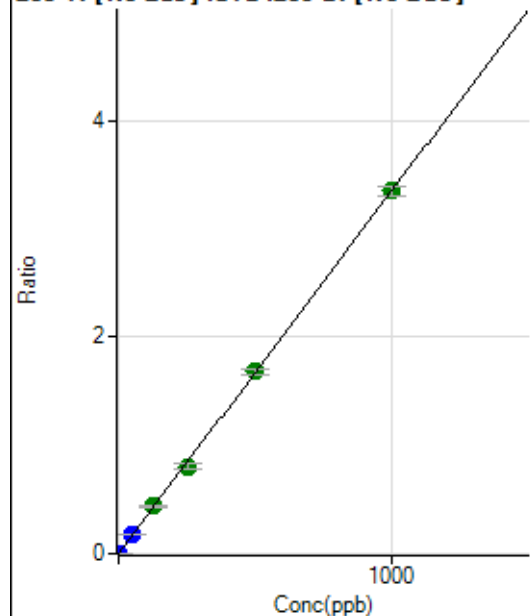
$$DL = 0.00681$$

$$BEC = 0.2208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3186.56	0.0006	P	0.5
2	☐	0.100	0.109	4642.60	0.0010	P	4.3
3	☐	1.000	0.903	17447.83	0.0037	P	4.6
4	☐	50.000	51.579	829451.68	0.1734	P	1.0
5	☐	125.000	130.182	2108074.61	0.4365	A	1.6
6	☐	250.000	239.741	3943977.65	0.8034	A	5.9
7	☐	500.000	502.514	8178737.77	1.6832	A	3.4
8	☐	1000.000	1000.581	16495616.17	3.3509	A	2.8
9	☐			6126.54	0.0014	P	3.3

$$y = 0.0033 * x + 6.4888E-004$$

$$R = 0.9999$$

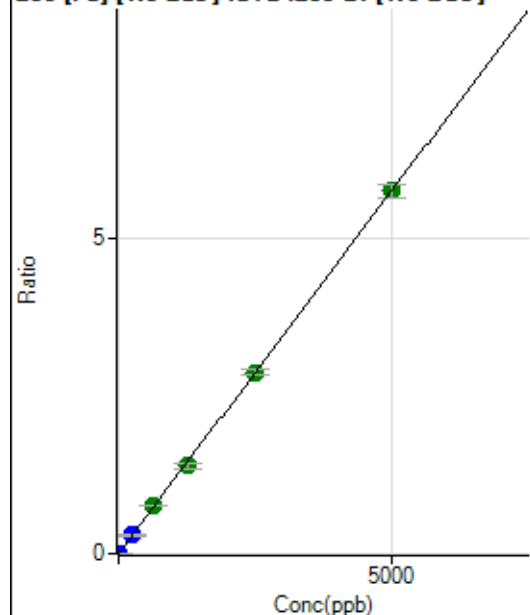
$$DL = 0.003004$$

$$BEC = 0.1938$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	364.83	0.0001	P	10.3
2	☐	0.100	0.105	892.64	0.0002	P	21.1
3	☐	1.000	0.922	5395.62	0.0011	P	4.2
4	☐	250.000	252.689	1392912.94	0.2911	P	0.9
5	☐	625.000	656.078	3648907.49	0.7557	A	0.8
6	☐	1250.000	1214.213	6865602.58	1.3984	A	5.8
7	☐	2500.000	2503.907	14011715.47	2.8837	A	3.7
8	☐	5000.000	5002.974	28363050.17	5.7618	A	3.8
9	☐			13210.32	0.0030	P	3.0

$$y = 0.0012 * x + 7.4310E-005$$

$$R = 0.9999$$

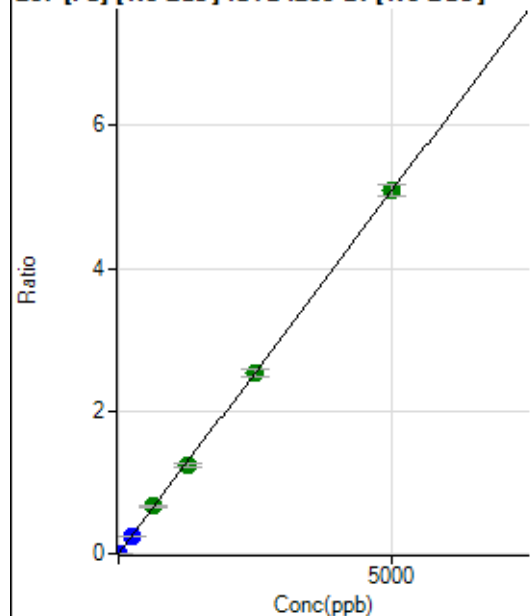
$$DL = 0.01989$$

$$BEC = 0.06452$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	340.75	0.0001	P	16.8
2	☐	0.100	0.100	785.23	0.0002	P	2.9
3	☐	1.000	0.890	4628.64	0.0010	P	6.3
4	☐	250.000	248.263	1207910.21	0.2524	P	0.9
5	☐	625.000	651.006	3195313.53	0.6617	A	1.8
6	☐	1250.000	1216.253	6068938.16	1.2362	A	5.3
7	☐	2500.000	2503.043	12360956.87	2.5439	A	4.0
8	☐	5000.000	5003.751	25033532.50	5.0855	A	3.2
9	☐			11492.09	0.0026	P	1.9

$$y = 0.0010 * x + 6.9392E-005$$

$$R = 1.0000$$

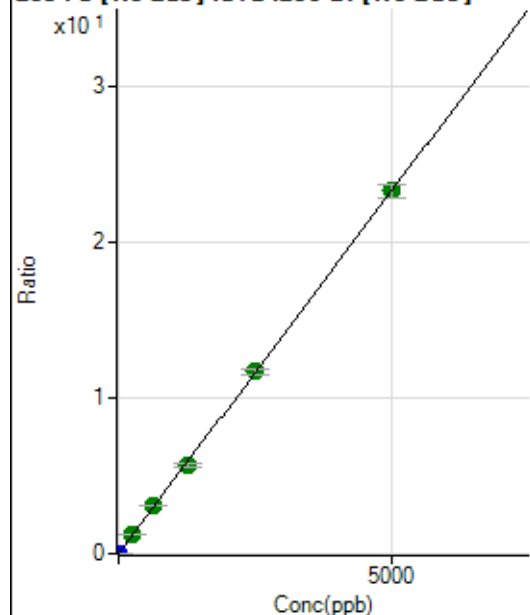
$$DL = 0.03448$$

$$BEC = 0.06828$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1603.77	0.0003	P	8.4
2	☐	0.100	0.097	3579.89	0.0008	P	7.9
3	☐	1.000	0.891	21281.00	0.0045	P	5.0
4	☐	250.000	255.293	5693083.40	1.1896	A	0.9
5	☐	625.000	654.385	14721793.64	3.0487	A	1.4
6	☐	1250.000	1211.931	27719754.15	5.6459	A	4.9
7	☐	2500.000	2507.456	56758684.37	11.6810	A	3.0
8	☐	5000.000	5001.852	114698259.5	23.3008	A	3.4
9	☐			53477.89	0.0120	P	2.6

$$y = 0.0047 * x + 3.2666E-004$$

$$R = 0.9999$$

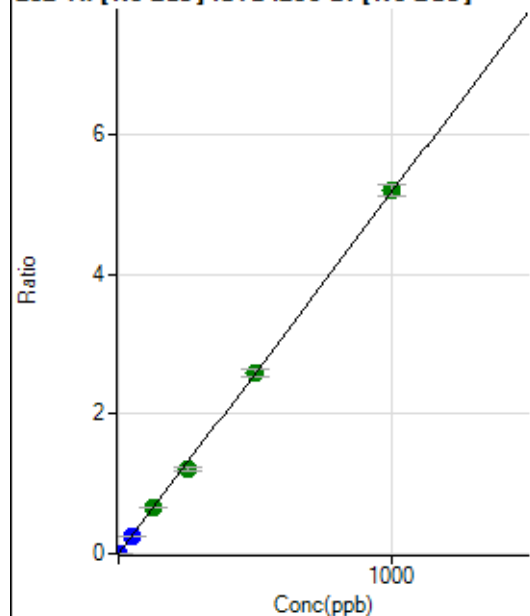
$$DL = 0.01771$$

$$BEC = 0.07012$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.37	0.0000	P	11.8
2	☐	0.100	0.078	1927.96	0.0004	P	4.6
3	☐	1.000	0.838	20703.51	0.0044	P	2.2
4	☐	50.000	46.746	1158932.20	0.2421	P	2.2
5	☐	125.000	127.043	3178039.13	0.6580	A	2.7
6	☐	250.000	234.799	5970589.89	1.2162	A	5.4
7	☐	500.000	498.099	12535998.31	2.5800	A	4.3
8	☐	1000.000	1004.658	25616138.77	5.2037	A	3.1
9	☐			1427.88	0.0003	P	11.4

$$y = 0.0052 * x + 1.4327E-005$$

$$R = 0.9999$$

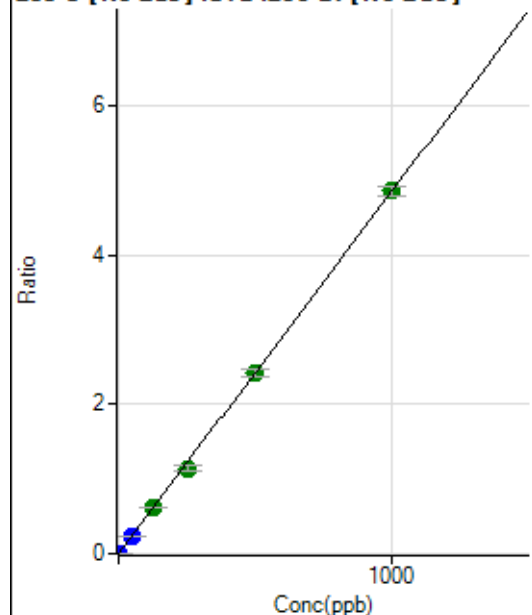
$$DL = 0.0009827$$

$$BEC = 0.002766$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.6
2	☐	0.100	0.085	1922.41	0.0004	P	6.8
3	☐	1.000	0.853	19659.80	0.0041	P	6.5
4	☐	50.000	47.402	1099320.35	0.2297	P	1.1
5	☐	125.000	127.613	2986452.32	0.6184	A	3.2
6	☐	250.000	236.038	5614881.55	1.1437	A	5.6
7	☐	500.000	501.249	11801113.89	2.4288	A	4.6
8	☐	1000.000	1002.669	23915469.98	4.8584	A	2.7
9	☐			1639.04	0.0004	P	4.1

$$y = 0.0048 * x + 5.6547E-006$$

$$R = 0.9999$$

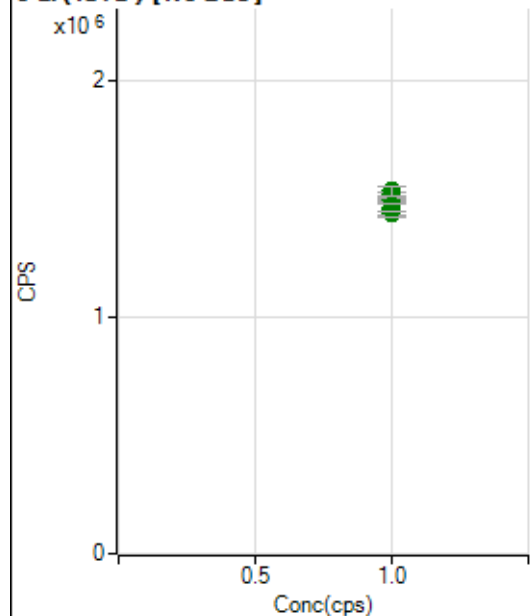
$$DL = 0.00121$$

$$BEC = 0.001167$$

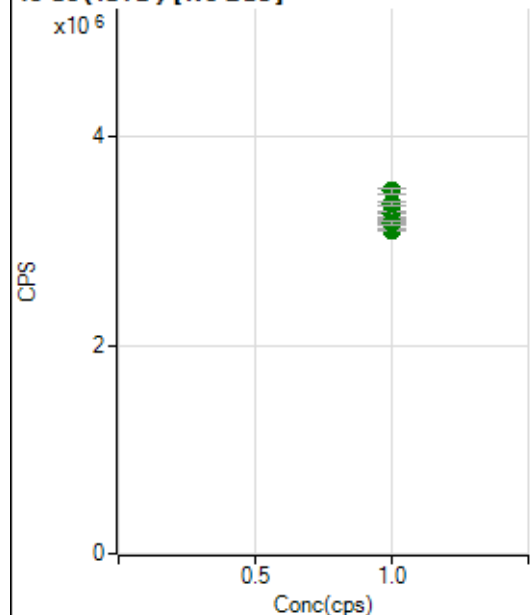
Weight: <None>

Min Conc: 0

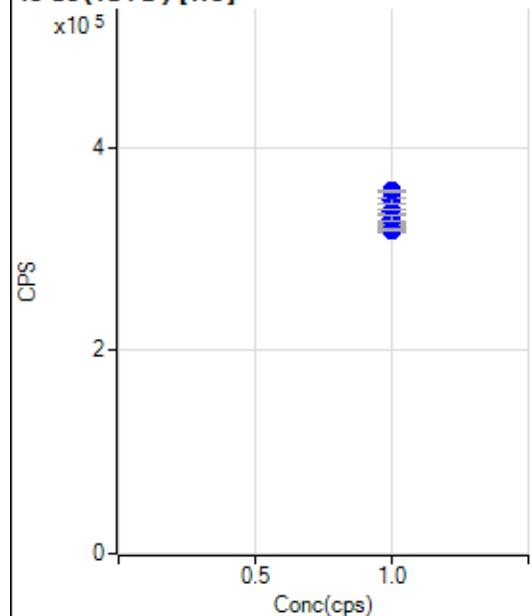
6 Li (ISTD) [No Gas]



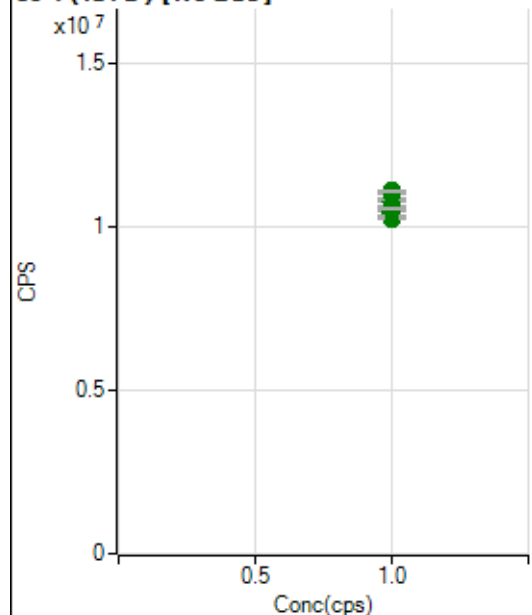
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1500774.23		A	0.3
2	☐	1.000		1439350.57		A	1.2
3	☐	1.000		1454864.77		A	3.7
4	☐	1.000		1463864.49		A	2.2
5	☐	1.000		1491618.95		A	0.6
6	☐	1.000		1515573.83		A	2.2
7	☐	1.000		1493638.73		A	1.3
8	☐	1.000		1521173.69		A	1.6
9	☐	1.000		1535630.46		A	2.4

45 Sc (ISTD) [No Gas]

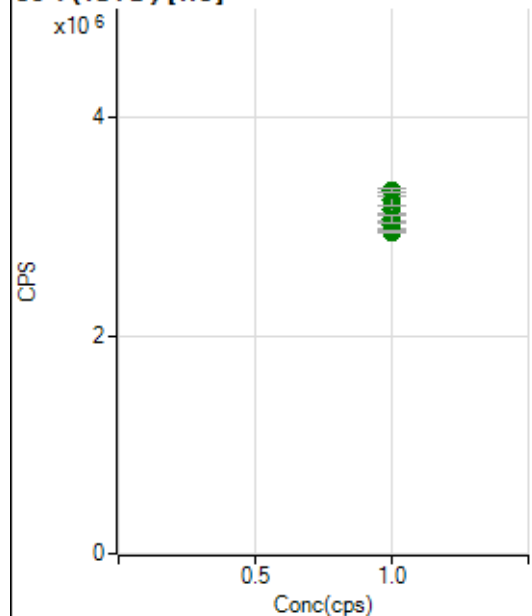
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3275903.25		A	1.0
2	☐	1.000		3107011.20		A	0.4
3	☐	1.000		3194383.84		A	1.7
4	☐	1.000		3204361.80		A	1.5
5	☐	1.000		3216806.24		A	0.7
6	☐	1.000		3264500.54		A	1.6
7	☐	1.000		3168873.63		A	1.4
8	☐	1.000		3359393.94		A	1.4
9	☐	1.000		3481857.69		A	1.5

45 Sc (ISTD) [He]

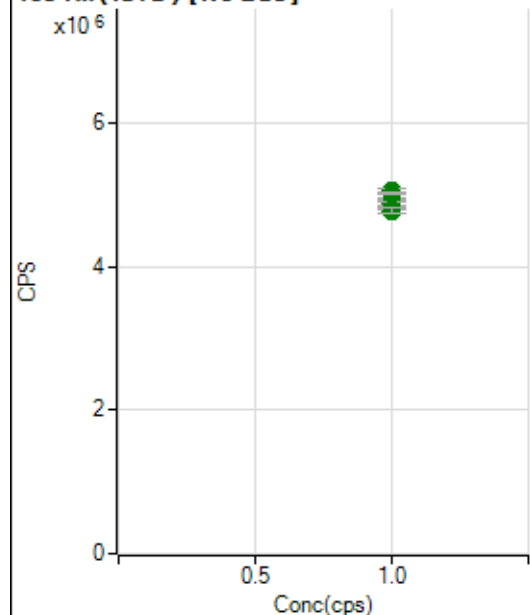
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		324265.39		P	1.8
2	☐	1.000		317703.55		P	0.4
3	☐	1.000		319934.89		P	1.4
4	☐	1.000		337273.93		P	0.7
5	☐	1.000		325204.84		P	0.9
6	☐	1.000		319244.13		P	0.8
7	☐	1.000		330659.91		P	1.7
8	☐	1.000		348431.80		P	1.8
9	☐	1.000		357659.17		P	0.5

89 Y (ISTD) [No Gas]

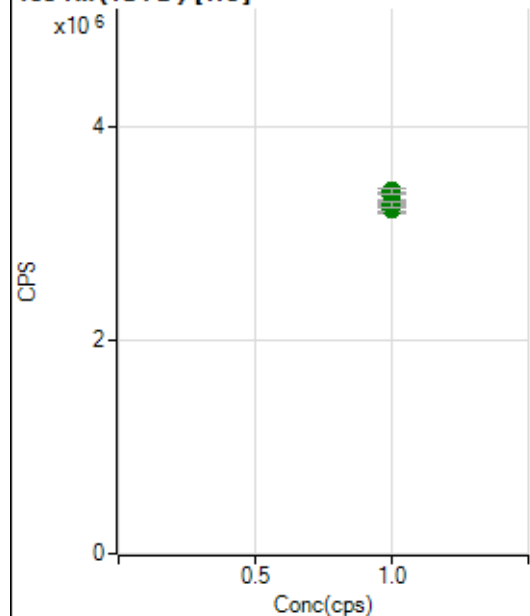
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10813100.26		A	0.8
2	☐	1.000		10224000.20		A	0.3
3	☐	1.000		10422248.87		A	2.4
4	☐	1.000		10524239.63		A	1.4
5	☐	1.000		10450907.69		A	1.7
6	☐	1.000		10744186.02		A	1.8
7	☐	1.000		10531912.34		A	0.5
8	☐	1.000		10999399.42		A	0.6
9	☐	1.000		11089669.28		A	0.9

89 Y (ISTD) [He]

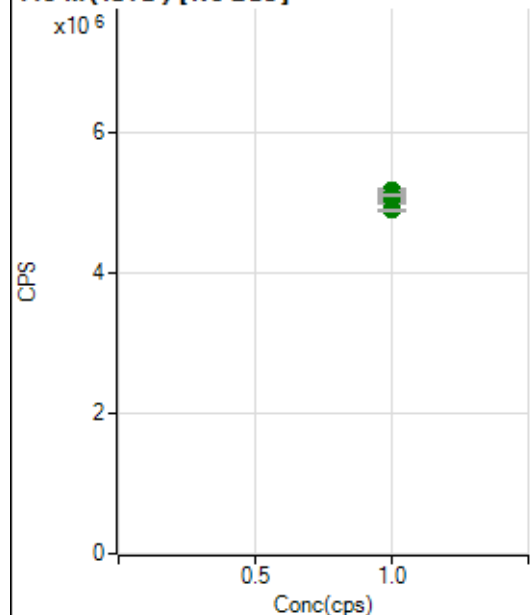
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3036301.83		A	0.9
2	☐	1.000		2956623.05		A	1.5
3	☐	1.000		3010495.76		A	1.6
4	☐	1.000		3149839.75		A	2.1
5	☐	1.000		3046908.98		A	0.7
6	☐	1.000		2949776.24		A	0.9
7	☐	1.000		3070030.68		A	2.2
8	☐	1.000		3235680.75		A	2.3
9	☐	1.000		3325004.78		A	1.0

103 Rh (ISTD) [No Gas]

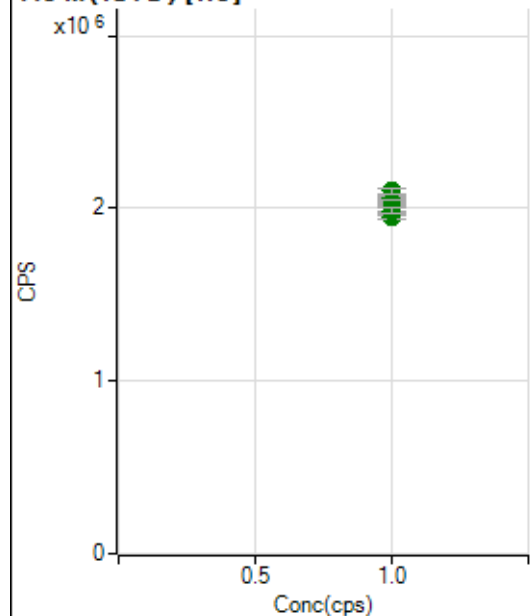
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5062328.92		A	1.0
2	☐	1.000		4780322.29		A	1.5
3	☐	1.000		4884995.79		A	2.5
4	☐	1.000		4899423.68		A	1.3
5	☐	1.000		4919664.72		A	0.7
6	☐	1.000		4953643.54		A	0.7
7	☐	1.000		4871211.32		A	1.8
8	☐	1.000		5027507.98		A	0.8
9	☐	1.000		4784398.61		A	1.7

103 Rh (ISTD) [He]

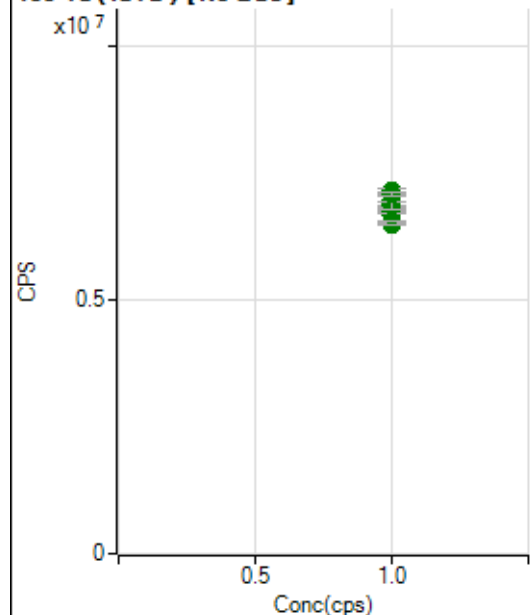
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3341222.94		A	1.6
2	☐	1.000		3215448.70		A	1.3
3	☐	1.000		3280014.36		A	2.5
4	☐	1.000		3397209.12		A	0.9
5	☐	1.000		3279306.69		A	0.5
6	☐	1.000		3217858.25		A	1.0
7	☐	1.000		3273926.17		A	1.2
8	☐	1.000		3393009.95		A	1.4
9	☐	1.000		3262878.63		A	1.7

115 In (ISTD) [No Gas]

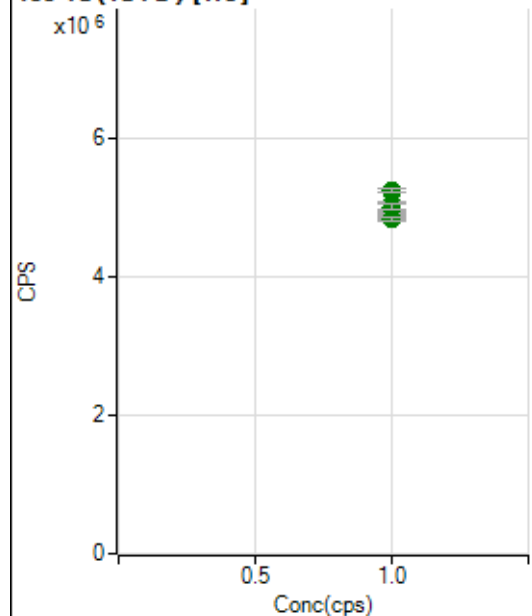
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5177501.53		A	1.2
2	☐	1.000		4905335.14		A	0.5
3	☐	1.000		5047970.98		A	1.3
4	☐	1.000		5120911.95		A	1.7
5	☐	1.000		5059556.37		A	2.3
6	☐	1.000		5152322.72		A	1.8
7	☐	1.000		5072449.01		A	0.4
8	☐	1.000		5110321.97		A	1.5
9	☐	1.000		5117216.99		A	0.9

115 In (ISTD) [He]

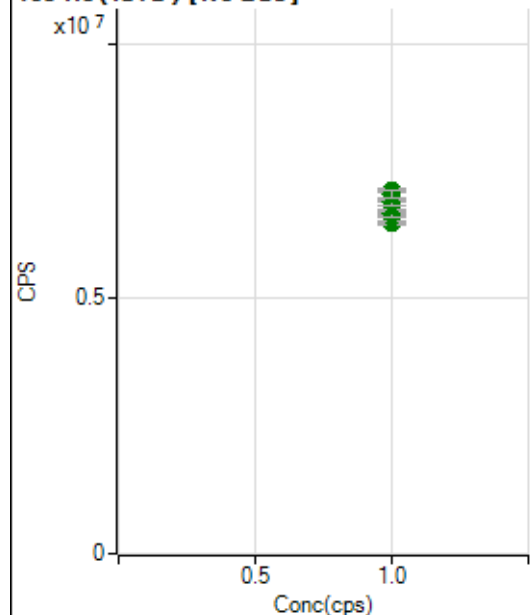
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2041945.33		A	0.5
2	☐	1.000		2001108.95		A	2.3
3	☐	1.000		2000067.89		A	2.2
4	☐	1.000		2063527.07		A	0.6
5	☐	1.000		2003155.22		A	0.3
6	☐	1.000		1953019.99		A	1.3
7	☐	1.000		1986920.34		A	1.7
8	☐	1.000		2064180.80		A	1.3
9	☐	1.000		2102000.93		A	1.5

159 Tb (ISTD) [No Gas]

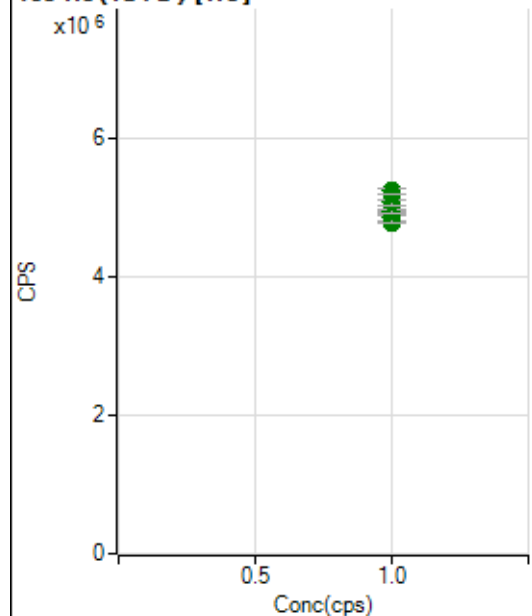
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6907457.33		A	0.8
2	☐	1.000		6502819.28		A	1.0
3	☐	1.000		6662035.66		A	2.6
4	☐	1.000		6840473.51		A	0.5
5	☐	1.000		6743972.19		A	1.4
6	☐	1.000		6969578.02		A	3.3
7	☐	1.000		6871643.51		A	2.3
8	☐	1.000		7154193.37		A	1.2
9	☐	1.000		7102131.07		A	0.9

159 Tb (ISTD) [He]

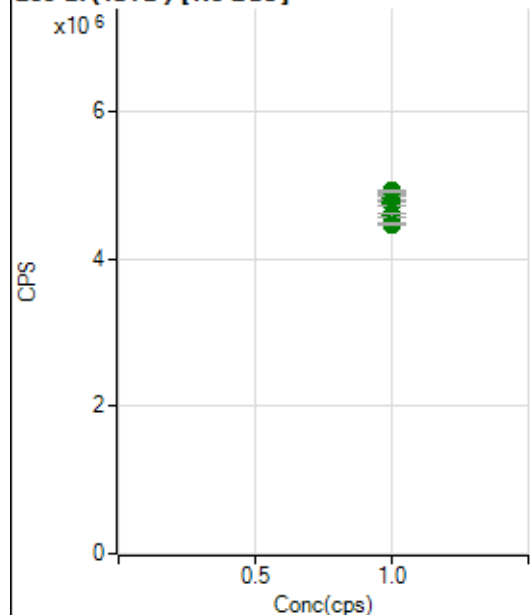
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4900746.91		A	1.6
2	☐	1.000		4816394.30		A	1.0
3	☐	1.000		4849711.00		A	1.6
4	☐	1.000		5063218.01		A	0.9
5	☐	1.000		4932530.06		A	0.8
6	☐	1.000		4836204.06		A	1.2
7	☐	1.000		5005309.72		A	1.3
8	☐	1.000		5226196.14		A	0.2
9	☐	1.000		5236016.48		A	1.0

165 Ho (ISTD) [No Gas]

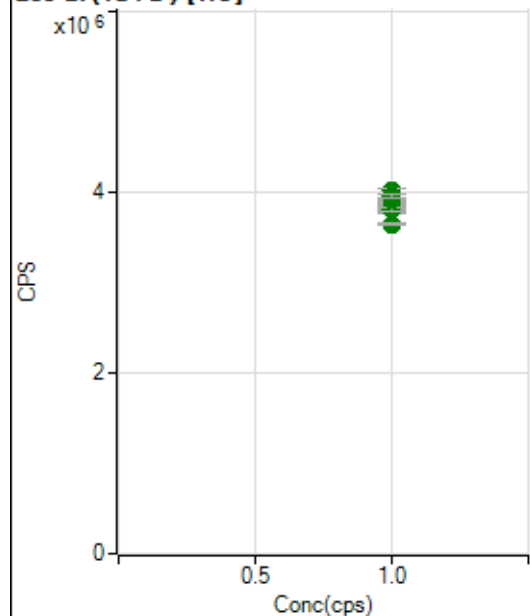
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6912885.52		A	0.4
2	☐	1.000		6478121.99		A	0.8
3	☐	1.000		6601993.30		A	2.4
4	☐	1.000		6689664.07		A	2.0
5	☐	1.000		6665663.72		A	1.4
6	☐	1.000		6827978.85		A	1.9
7	☐	1.000		6892208.58		A	1.4
8	☐	1.000		7117374.27		A	1.0
9	☐	1.000		7055032.04		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4901567.50		A	0.5
2	☐	1.000		4776418.82		A	0.7
3	☐	1.000		4845979.72		A	3.0
4	☐	1.000		5102599.47		A	0.4
5	☐	1.000		4941326.52		A	0.5
6	☐	1.000		4940017.56		A	1.4
7	☐	1.000		5064187.49		A	1.5
8	☐	1.000		5232316.87		A	1.4
9	☐	1.000		5187302.77		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4910903.47		A	0.6
2	☐	1.000		4587471.15		A	1.1
3	☐	1.000		4752538.05		A	1.5
4	☐	1.000		4785525.07		A	2.8
5	☐	1.000		4828599.02		A	1.1
6	☐	1.000		4911430.76		A	1.2
7	☐	1.000		4859518.68		A	0.6
8	☐	1.000		4922891.21		A	0.6
9	☐	1.000		4474462.05		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3905246.89		A	1.9
2	☐	1.000		3802928.10		A	2.2
3	☐	1.000		3874722.62		A	2.7
4	☐	1.000		4019345.22		A	1.4
5	☐	1.000		3892607.09		A	0.6
6	☐	1.000		3807770.43		A	1.0
7	☐	1.000		3925816.05		A	0.6
8	☐	1.000		3955494.00		A	1.2
9	☐	1.000		3650348.45		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7032722 MS.b
Acq. Date-Time 2022-03-27 15:42:19
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		6939	69390.06			1.006	5.000
24		59005	590052.33			0.540	5.000
25		7885	78852.61			1.067	5.000
26		9001	90007.11			1.117	5.000
59		16600	166000.70			1.668	5.000
113		8348	83479.09			1.400	5.000
115		24236	242361.38			1.635	5.000
206		13330	133295.16			0.639	5.000
207		11620	116197.74			0.613	5.000
208		28176	281757.98			0.829	5.000
220		0	2.40			34.233	

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

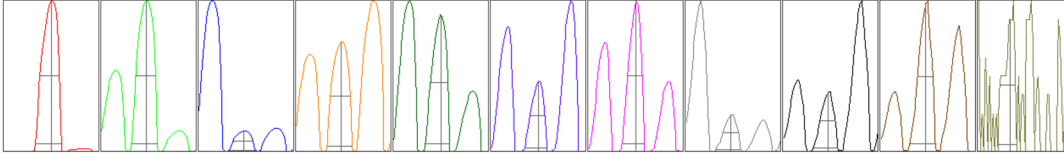
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	6910	6883	6879	6986	7038
24	58775	58779	58959	58961	59551
25	7825	7789	7906	7900	8007
26	8997	8860	8960	9063	9124
59	16300	16417	16560	16713	17011
113	8238	8273	8283	8448	8498
115	23797	23885	24237	24644	24617
206	13354	13297	13241	13291	13464
207	11677	11515	11576	11666	11664
208	28189	27806	28151	28432	28300

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	12038.42	9.05	8.90 - 9.10	
24	98926.58	23.95	23.90 - 24.10	
25	13097.26	24.95	24.90 - 25.10	
26	14859.93	25.95	25.90 - 26.10	
59	31358.11	59.05	58.90 - 59.10	
113	18357.68	113.05	112.90 - 113.10	
115	53801.29	115.05	114.90 - 115.10	
206	27254.68	205.95	205.90 - 206.10	
207	23156.64	206.95	206.90 - 207.10	
208	58093.43	207.95	207.90 - 208.10	
220	0.35	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.818	0.900	
24	0.63	0.817	0.900	
25	0.64	0.796	0.900	
26	0.64	0.791	0.900	
59	0.54	0.770	0.900	
113	0.46	0.702	0.900	
115	0.46	0.714	0.900	
206	0.50	0.785	0.900	
207	0.49	0.771	0.900	
208	0.48	0.802	0.900	
220	0.49	0.591		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 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	9.9 V	Deflect	15.4 V
Extract 2	-175.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 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	180 V		

QP Parameters

Mass Gain	122	Axis Gain	1.0001	QP Bias	-3.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	1.0 mm
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EM

Discriminator	3.1 mV	Analog HV	2164 V	Pulse HV	1456 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6700	66998.14			0.349	
89		36975	369745.24			0.826	
205		40683	406828.98			1.380	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6670	6704	6688	6705	6733
89	36845	37169	37247	37112	36500
205	40378	40681	40952	41441	39962

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.73 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	9.5 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-80 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	1.0001	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	-0.5 mm	Torch V	1.0 mm		
EM					
Discriminator	3.1 mV	Analog HV	2164 V	Pulse HV	1456 V

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.10	0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.48	-0.36	-0.12	0.00	N/A	ppb
Boron	11-1	0.00	0.26	-0.27	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	2.13	-0.45	-1.68	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.07	0.10	0.00	N/A	ppb
Calcium	43-1	-1.38	-0.79	2.17	0.00	N/A	ppb
Calcium	44-1	-3.37	1.68	1.69	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	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	-0.20	0.16	0.00	N/A	ppb
Iron	57-2	-0.28	-0.32	0.60	0.00	N/A	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.06	0.71	0.35	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.04	0.01	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.36	-10.10	-8.16	-9.54		ppb
Potassium	39-2	6.12	-2.18	-3.94	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.00	-0.99	0.99	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.04	0.06	0.00	N/A	ppb
Silicon	28-1	-1.10	0.12	0.98	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	0.30	0.12	-0.42	0.00	N/A	ppb
Strontium	86-1	-0.15	0.02	0.14	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-432.29	-269.81	-167.10	-289.73		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 :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.01	-0.03	0.00	N/A	ppb
Titanium	47-1	0.04	0.01	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:29:38	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			ppb
Antimony	121-1	0.19	0.16	0.18	0.18	7.70	ppb
Arsenic	75-2	0.11	0.08	0.05	0.08	33.93	ppb
Barium	135-1	1.02	1.14	1.08	1.08	5.56	ppb
Barium	137-1	0.95	1.05	0.98	0.99	5.13	ppb
Beryllium	9-1	0.11	0.07	0.13	0.10	26.42	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	1.93	2.92	2.47	2.44	20.47	ppb
Boron	11-1	1.94	2.29	2.06	2.10	8.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.09	0.07	0.08	16.75	ppb
Cadmium	106-1	0.10	-1.75	0.48	-0.39		ppb
Cadmium	108-1	0.40	0.01	0.49	0.30	84.43	ppb
Calcium	43-1	49.29	47.86	58.24	51.80	10.86	ppb
Calcium	44-1	Rejected	Rejected	Rejected			ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.20	0.21	0.23	17.56	ppb
Cobalt	59-2	0.10	0.11	0.11	0.11	3.90	ppb
Copper	63-2	0.23	0.25	0.20	0.23	10.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	5.32	5.79	5.37	5.49	4.69	ppb
Iron	57-2	6.68	5.76	6.23	6.22	7.38	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:29:38	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.19	6.00	7.34	6.51	11.13	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.15	0.09	0.10	34.11	ppb
Lead	207-1	0.10	0.10	0.11	0.10	4.93	ppb
Lead	208-1	0.09	0.11	0.09	0.10	13.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	49.66	49.12	47.72	48.83	2.05	ppb
Manganese	55-2	0.11	0.11	0.12	0.11	6.38	ppb
Molybdenum	94-1	0.47	0.58	0.50	0.52	10.52	ppb
Molybdenum	95-1	0.48	0.49	0.49	0.49	1.71	ppb
Molybdenum	96-1	0.53	0.52	0.55	0.53	3.27	ppb
Molybdenum	97-1	0.40	0.57	0.47	0.48	17.48	ppb
Molybdenum	98-1	0.39	0.43	0.51	0.45	13.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.08	0.07	0.09	15.85	ppb
Phosphorus	31-2	-0.73	3.86	-13.02	-3.29		ppb
Potassium	39-2	51.03	59.18	51.51	53.91	8.49	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Selenium	77-2	0.25	0.49	0.25	0.33	41.74	ppb
Selenium	78-2	1.05	0.65	0.60	0.77	32.31	ppb
Silicon	28-1	6.70	5.93	6.15	6.26	6.28	ppb
Silver	107-1	0.10	0.09	0.08	0.09	10.80	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.05	ppb
Sodium	23-2	53.94	55.63	50.46	53.35	4.94	ppb
Strontium	86-1	0.04	-0.11	0.08	0.00	2801.66	ppb
Strontium	88-1	0.09	0.10	0.09	0.09	5.05	ppb
Sulfur	34-1	366.03	217.16	244.53	275.91	28.72	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.08	0.06	0.07	15.37	ppb
Thallium	205-1	0.10	0.12	0.10	0.11	12.09	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:29:38	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.08	0.08	0.08	4.76	ppb
Tin	118-1	0.58	0.63	0.61	0.60	4.56	ppb
Titanium	47-1	0.47	0.58	0.50	0.52	11.02	ppb
Uranium	238-1	0.08	0.08	0.09	0.09	6.86	ppb
Vanadium	51-2	0.47	0.49	0.50	0.48	2.83	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	2.37	ppb
Zirconium	91-1	0.08	0.11	0.06	0.08	30.69	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.15	19.94	21.11	20.06	4.92	ppb
Antimony	121-1	1.83	1.88	2.00	1.90	4.60	ppb
Arsenic	75-2	0.99	0.93	1.07	1.00	6.64	ppb
Barium	135-1	9.06	9.73	9.67	9.49	3.88	ppb
Barium	137-1	9.15	9.96	9.26	9.46	4.60	ppb
Beryllium	9-1	0.96	1.12	1.05	1.04	7.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	20.47	24.35	24.34	23.05	9.69	ppb
Boron	11-1	21.52	25.15	25.92	24.20	9.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.89	1.00	1.12	1.00	11.49	ppb
Cadmium	106-1	0.34	-0.93	-0.92	-0.50		ppb
Cadmium	108-1	0.85	1.22	1.13	1.07	18.11	ppb
Calcium	43-1	433.01	532.74	493.16	486.30	10.33	ppb
Calcium	44-1	467.71	523.18	507.20	499.37	5.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.08	2.06	2.09	1.59	ppb
Cobalt	59-2	0.98	1.05	1.05	1.03	3.97	ppb
Copper	63-2	2.36	2.19	2.07	2.21	6.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	54.21	55.92	54.38	54.84	1.72	ppb
Iron	57-2	52.13	57.09	52.40	53.87	5.17	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.08	57.80	55.66	57.52	3.00	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.93	0.96	0.92	4.48	ppb
Lead	207-1	0.82	0.91	0.94	0.89	6.75	ppb
Lead	208-1	0.84	0.91	0.93	0.89	5.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	496.81	505.27	503.78	501.95	0.90	ppb
Manganese	55-2	1.00	1.08	1.08	1.06	4.24	ppb
Molybdenum	94-1	5.53	5.73	5.74	5.67	2.15	ppb
Molybdenum	95-1	4.53	5.07	5.00	4.86	6.02	ppb
Molybdenum	96-1	4.71	5.26	5.04	5.00	5.52	ppb
Molybdenum	97-1	4.44	5.20	5.35	5.00	9.76	ppb
Molybdenum	98-1	4.69	4.93	5.09	4.90	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.01	1.00	1.03	3.38	ppb
Phosphorus	31-2	14.50	12.83	11.17	12.84	12.97	ppb
Potassium	39-2	511.78	519.94	508.78	513.50	1.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	4.44	6.41	5.74	5.53	18.09	ppb
Selenium	77-2	5.47	5.81	4.11	5.13	17.51	ppb
Selenium	78-2	5.98	5.28	5.78	5.68	6.39	ppb
Silicon	28-1	11.52	14.35	11.62	12.50	12.87	ppb
Silver	107-1	0.94	1.03	1.02	1.00	4.77	ppb
Silver	109-1	0.84	1.03	1.00	0.96	10.86	ppb
Sodium	23-2	509.74	515.21	510.73	511.89	0.57	ppb
Strontium	86-1	0.60	1.48	1.22	1.10	41.05	ppb
Strontium	88-1	0.90	0.99	1.03	0.97	6.54	ppb
Sulfur	34-1	-132.54	256.93	-82.90	13.83	1533.04	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.79	0.90	0.91	0.87	7.78	ppb
Thallium	205-1	0.85	0.92	0.94	0.90	5.54	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.82	0.84	0.85	0.84	2.25	ppb
Tin	118-1	4.81	5.33	5.15	5.10	5.19	ppb
Titanium	47-1	4.55	5.15	5.06	4.92	6.58	ppb
Uranium	238-1	0.79	0.86	0.90	0.85	6.47	ppb
Vanadium	51-2	4.90	5.05	5.08	5.01	1.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	2.94	2.17	2.37	2.50	15.97	ppb
Zirconium	90-1	0.87	0.98	0.93	0.93	5.90	ppb
Zirconium	91-1	0.93	0.90	1.05	0.96	8.31	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1042.44	1051.87	1021.32	1038.54	1.51	ppb
Antimony	121-1	50.66	53.66	53.41	52.57	3.17	ppb
Arsenic	75-2	52.26	52.53	50.35	51.71	2.30	ppb
Barium	135-1	253.69	265.62	263.52	260.94	2.44	ppb
Barium	137-1	255.51	269.95	266.22	263.89	2.84	ppb
Beryllium	9-1	52.60	54.50	52.40	53.17	2.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	47.11	54.64	52.41	51.39	7.53	ppb
Boron	11-1	49.05	51.53	53.16	51.25	4.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	51.85	54.26	53.77	53.29	2.39	ppb
Cadmium	106-1	49.95	54.71	54.10	52.92	4.90	ppb
Cadmium	108-1	50.41	52.81	53.73	52.31	3.28	ppb
Calcium	43-1	5455.43	5552.98	5571.65	5526.69	1.13	ppb
Calcium	44-1	4965.98	5324.58	5219.74	5170.10	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.18	53.38	53.48	53.68	0.81	ppb
Cobalt	59-2	53.87	53.69	53.16	53.58	0.69	ppb
Copper	63-2	529.78	540.82	531.78	534.12	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				97		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2729.02	2690.20	2707.32	2708.85	0.72	ppb
Iron	57-2	2831.84	2808.25	2811.96	2817.35	0.45	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2960.17	2923.99	2902.91	2929.02	0.99	ppb
Krypton	83-1						cps
Lead	206-1	252.41	255.16	250.50	252.69	0.93	ppb
Lead	207-1	245.97	250.31	248.51	248.26	0.88	ppb
Lead	208-1	253.33	257.87	254.68	255.29	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	5240.56	5238.43	5187.71	5222.24	0.57	ppb
Manganese	55-2	541.80	533.17	534.58	536.51	0.86	ppb
Molybdenum	94-1	514.79	530.11	537.88	527.59	2.23	ppb
Molybdenum	95-1	504.54	506.14	519.12	509.93	1.57	ppb
Molybdenum	96-1	500.19	515.54	523.44	513.05	2.30	ppb
Molybdenum	97-1	512.06	534.37	541.26	529.23	2.88	ppb
Molybdenum	98-1	501.82	508.91	531.00	513.91	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.99	54.25	53.87	54.04	0.37	ppb
Phosphorus	31-2	1077.64	1068.79	1025.08	1057.17	2.66	ppb
Potassium	39-2	2767.10	2738.93	2700.03	2735.35	1.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	82-1	54.85	54.76	55.18	54.93	0.40	ppb
Selenium	77-2	52.07	55.89	49.48	52.48	6.14	ppb
Selenium	78-2	52.62	50.70	49.50	50.94	3.09	ppb
Silicon	28-1	53.80	56.62	56.96	55.79	3.11	ppb
Silver	107-1	52.92	55.45	54.99	54.45	2.48	ppb
Silver	109-1	52.42	54.33	54.69	53.81	2.27	ppb
Sodium	23-2	5329.40	5180.24	5246.87	5252.17	1.42	ppb
Strontium	86-1	50.68	52.92	52.69	52.10	2.37	ppb
Strontium	88-1	52.40	53.43	53.60	53.14	1.22	ppb
Sulfur	34-1	1432.15	1100.74	1116.37	1216.42	15.37	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	51.05	51.11	50.34	50.83	0.84	ppb
Thallium	205-1	51.82	51.95	50.96	51.58	1.04	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.90	47.90	46.44	46.75	2.22	ppb
Tin	118-1	51.88	54.57	54.26	53.57	2.75	ppb
Titanium	47-1	521.57	537.11	526.55	528.41	1.50	ppb
Uranium	238-1	46.89	47.89	47.43	47.40	1.06	ppb
Vanadium	51-2	53.16	52.01	52.50	52.56	1.10	ppb
Yttrium	89-1				97		%
Yttrium	89-2				104		%
Zinc	66-2	553.65	562.73	548.48	554.95	1.30	ppb
Zirconium	90-1	52.64	52.97	53.05	52.89	0.41	ppb
Zirconium	91-1	51.68	52.49	53.36	52.51	1.59	ppb

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 16:41:06 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2629.19	2607.78	2638.56	2625.17	0.60	ppb
Antimony	121-1	132.89	138.90	137.69	136.50	2.33	ppb
Arsenic	75-2	129.90	133.19	133.54	132.21	1.52	ppb
Barium	135-1	660.37	691.69	694.75	682.27	2.79	ppb
Barium	137-1	661.12	694.67	661.33	672.37	2.87	ppb
Beryllium	9-1	129.64	135.71	137.79	134.38	3.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	114.86	129.82	138.63	127.77	9.40	ppb
Boron	11-1	110.46	129.56	135.02	125.01	10.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	133.67	140.14	140.78	138.19	2.85	ppb
Cadmium	106-1	133.54	138.65	136.45	136.21	1.88	ppb
Cadmium	108-1	132.93	139.55	137.41	136.63	2.47	ppb
Calcium	43-1	13789.94	14247.98	14632.22	14223.38	2.96	ppb
Calcium	44-1	12644.33	13269.99	13522.26	13145.53	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.09	135.14	137.29	136.51	0.87	ppb
Cobalt	59-2	137.97	136.28	136.38	136.88	0.69	ppb
Copper	63-2	1369.63	1366.13	1371.18	1368.98	0.19	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				96		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	6955.69	6931.85	6959.39	6948.97	0.22	ppb
Iron	57-2	7218.50	7208.06	7260.28	7228.95	0.38	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:41:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7415.51	7411.20	7469.01	7431.91	0.43	ppb
Krypton	83-1						cps
Lead	206-1	652.82	653.67	661.74	656.08	0.75	ppb
Lead	207-1	638.74	662.32	651.96	651.01	1.82	ppb
Lead	208-1	644.77	663.30	655.09	654.39	1.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	13324.75	13178.11	13536.19	13346.35	1.35	ppb
Manganese	55-2	1327.24	1326.48	1348.08	1333.93	0.92	ppb
Molybdenum	94-1	1295.31	1345.78	1328.98	1323.35	1.94	ppb
Molybdenum	95-1	1277.21	1351.35	1328.71	1319.09	2.88	ppb
Molybdenum	96-1	1277.68	1329.36	1327.85	1311.63	2.24	ppb
Molybdenum	97-1	1287.15	1346.93	1320.41	1318.16	2.27	ppb
Molybdenum	98-1	1273.93	1341.26	1320.22	1311.80	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.99	135.21	136.81	136.00	0.59	ppb
Phosphorus	31-2	2651.37	2594.40	2600.13	2615.30	1.20	ppb
Potassium	39-2	6499.99	6457.11	6453.92	6470.34	0.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	134.49	141.56	138.20	138.08	2.56	ppb
Selenium	77-2	128.33	117.04	143.45	129.61	10.22	ppb
Selenium	78-2	134.74	132.87	136.53	134.71	1.36	ppb
Silicon	28-1	135.11	143.80	148.84	142.58	4.87	ppb
Silver	107-1	136.52	143.82	143.11	141.15	2.85	ppb
Silver	109-1	133.14	142.32	141.61	139.02	3.67	ppb
Sodium	23-2	13320.73	13469.22	13535.81	13441.92	0.82	ppb
Strontium	86-1	130.34	138.61	136.63	135.20	3.19	ppb
Strontium	88-1	129.71	134.21	134.55	132.82	2.04	ppb
Sulfur	34-1	2763.44	2713.56	2725.14	2734.05	0.95	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	125.98	129.90	131.60	129.16	2.23	ppb
Thallium	205-1	128.95	129.00	132.60	130.18	1.61	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:41:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	123.87	126.60	130.66	127.04	2.69	ppb
Tin	118-1	134.22	139.74	139.67	137.88	2.29	ppb
Titanium	47-1	1289.44	1341.09	1370.68	1333.74	3.08	ppb
Uranium	238-1	123.11	128.59	131.14	127.61	3.22	ppb
Vanadium	51-2	134.63	134.75	134.96	134.78	0.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	1405.15	1401.48	1412.41	1406.35	0.40	ppb
Zirconium	90-1	131.07	139.25	136.86	135.73	3.10	ppb
Zirconium	91-1	132.59	138.81	137.51	136.31	2.41	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5100.57	5049.10	5036.61	5062.10	0.67	ppb
Antimony	121-1	227.81	249.90	263.97	247.23	7.37	ppb
Arsenic	75-2	259.53	251.22	256.03	255.59	1.63	ppb
Barium	135-1	1105.93	1220.56	1286.81	1204.43	7.60	ppb
Barium	137-1	1104.03	1221.78	1294.18	1206.66	7.95	ppb
Beryllium	9-1	225.63	252.36	258.05	245.35	7.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	201.08	247.17	267.86	238.70	14.32	ppb
Boron	11-1	200.93	241.63	254.75	232.44	12.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	226.83	255.70	267.39	249.97	8.35	ppb
Cadmium	106-1	227.12	253.43	257.25	245.93	6.67	ppb
Cadmium	108-1	224.78	245.93	267.89	246.20	8.76	ppb
Calcium	43-1	24330.27	26246.17	27435.29	26003.91	6.02	ppb
Calcium	44-1	22498.68	24477.70	24950.25	23975.54	5.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.01	259.47	259.67	259.38	0.13	ppb
Cobalt	59-2	260.18	260.77	256.22	259.06	0.96	ppb
Copper	63-2	2591.27	2577.78	2590.04	2586.37	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	13273.79	13255.99	13223.56	13251.11	0.19	ppb
Iron	57-2	13765.58	13668.34	13599.86	13677.93	0.61	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13212.86	13378.82	13310.63	13300.77	0.63	ppb
Krypton	83-1						cps
Lead	206-1	1134.06	1241.05	1267.53	1214.21	5.82	ppb
Lead	207-1	1146.94	1227.17	1274.65	1216.25	5.31	ppb
Lead	208-1	1147.76	1224.07	1263.97	1211.93	4.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	25773.32	25253.46	25205.44	25410.74	1.24	ppb
Manganese	55-2	2493.26	2561.46	2495.15	2516.62	1.54	ppb
Molybdenum	94-1	2253.28	2505.87	2486.82	2415.32	5.82	ppb
Molybdenum	95-1	2230.70	2437.52	2440.05	2369.42	5.07	ppb
Molybdenum	96-1	2235.99	2434.34	2458.43	2376.25	5.14	ppb
Molybdenum	97-1	2225.70	2499.94	2468.86	2398.17	6.26	ppb
Molybdenum	98-1	2236.74	2489.37	2463.06	2396.39	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.49	259.54	256.71	257.91	0.57	ppb
Phosphorus	31-2	5145.32	4998.70	4926.69	5023.57	2.22	ppb
Potassium	39-2	12052.37	12239.52	12093.39	12128.43	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	228.67	253.14	253.98	245.26	5.86	ppb
Selenium	77-2	246.05	274.02	260.54	260.20	5.38	ppb
Selenium	78-2	254.03	246.79	249.65	250.16	1.46	ppb
Silicon	28-1	229.74	259.23	277.50	255.49	9.43	ppb
Silver	107-1	226.26	248.39	262.78	245.81	7.48	ppb
Silver	109-1	226.59	248.52	261.43	245.51	7.17	ppb
Sodium	23-2	25922.35	25783.16	25801.77	25835.76	0.29	ppb
Strontium	86-1	227.96	253.09	250.90	243.98	5.71	ppb
Strontium	88-1	225.20	251.92	251.34	242.82	6.29	ppb
Sulfur	34-1	4271.66	4876.06	4873.41	4673.71	7.45	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	224.12	239.29	252.32	238.58	5.92	ppb
Thallium	205-1	224.85	241.56	252.81	239.74	5.87	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	222.78	233.53	248.08	234.80	5.41	ppb
Tin	118-1	227.39	254.49	266.69	249.52	8.06	ppb
Titanium	47-1	2264.40	2491.59	2581.72	2445.90	6.69	ppb
Uranium	238-1	222.60	236.55	248.96	236.04	5.59	ppb
Vanadium	51-2	259.42	256.90	254.41	256.91	0.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2671.97	2679.05	2647.71	2666.25	0.62	ppb
Zirconium	90-1	225.51	245.89	250.76	240.72	5.56	ppb
Zirconium	91-1	231.18	258.45	255.50	248.38	6.02	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10027.16	9827.04	9645.90	9833.37	1.94	ppb
Antimony	121-1	477.79	512.00	510.50	500.10	3.87	ppb
Arsenic	75-2	504.31	515.42	489.63	503.12	2.57	ppb
Barium	135-1	2421.17	2613.30	2566.37	2533.61	3.95	ppb
Barium	137-1	2430.74	2581.98	2528.02	2513.58	3.05	ppb
Beryllium	9-1	485.94	508.11	513.11	502.38	2.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	449.61	494.95	534.98	493.18	8.66	ppb
Boron	11-1	449.49	510.80	530.14	496.81	8.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.73	532.32	526.71	517.92	3.92	ppb
Cadmium	106-1	499.38	520.24	520.30	513.31	2.35	ppb
Cadmium	108-1	484.81	536.28	511.50	510.86	5.04	ppb
Calcium	43-1	53772.80	55362.44	54634.65	54589.96	1.46	ppb
Calcium	44-1	49647.20	50932.65	50868.88	50482.91	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.20	508.19	484.02	501.47	3.04	ppb
Cobalt	59-2	506.41	509.54	500.01	505.32	0.96	ppb
Copper	63-2	5142.32	5075.72	5020.38	5079.47	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	26481.85	26169.39	25826.48	26159.24	1.25	ppb
Iron	57-2	25805.09	26204.98	26000.25	26003.44	0.77	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26778.01	26692.85	26244.77	26571.88	1.08	ppb
Krypton	83-1						cps
Lead	206-1	2400.44	2537.19	2574.09	2503.91	3.65	ppb
Lead	207-1	2396.27	2517.39	2595.47	2503.04	4.01	ppb
Lead	208-1	2425.40	2525.03	2571.93	2507.46	2.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	50487.11	51289.32	50165.93	50647.45	1.14	ppb
Manganese	55-2	5055.18	5010.32	4923.92	4996.47	1.34	ppb
Molybdenum	94-1	4937.43	5084.44	5162.22	5061.36	2.26	ppb
Molybdenum	95-1	4861.32	5078.31	5110.39	5016.68	2.70	ppb
Molybdenum	96-1	4865.78	5050.74	5135.87	5017.46	2.75	ppb
Molybdenum	97-1	4841.32	5068.20	5069.44	4992.99	2.63	ppb
Molybdenum	98-1	4863.39	5079.09	5192.12	5044.87	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.62	510.80	502.82	508.41	0.96	ppb
Phosphorus	31-2	9983.23	10015.18	9741.96	9913.46	1.51	ppb
Potassium	39-2	24522.09	24535.35	24245.94	24434.46	0.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	501.07	516.89	522.84	513.60	2.19	ppb
Selenium	77-2	525.55	509.85	500.17	511.85	2.50	ppb
Selenium	78-2	509.59	516.19	488.41	504.73	2.88	ppb
Silicon	28-1	486.13	546.33	541.94	524.80	6.39	ppb
Silver	107-1	496.15	529.03	520.22	515.13	3.30	ppb
Silver	109-1	493.61	519.17	516.18	509.65	2.74	ppb
Sodium	23-2	51358.31	51878.67	50562.94	51266.64	1.29	ppb
Strontium	86-1	503.32	513.93	516.88	511.38	1.39	ppb
Strontium	88-1	499.53	511.27	512.60	507.80	1.42	ppb
Sulfur	34-1	9962.63	10666.33	10277.78	10302.24	3.42	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	480.61	514.30	517.21	504.04	4.04	ppb
Thallium	205-1	483.66	507.69	516.19	502.51	3.36	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	476.24	498.69	519.37	498.10	4.33	ppb
Tin	118-1	486.73	528.10	510.17	508.33	4.08	ppb
Titanium	47-1	4950.20	5147.08	5115.01	5070.76	2.08	ppb
Uranium	238-1	476.16	506.50	521.08	501.25	4.57	ppb
Vanadium	51-2	501.18	500.28	493.33	498.26	0.86	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	5204.35	5081.97	4998.97	5095.10	2.03	ppb
Zirconium	90-1	488.77	503.23	513.71	501.91	2.50	ppb
Zirconium	91-1	509.04	524.28	529.90	521.08	2.07	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19375.62	19662.02	19781.59	19606.41	1.06	ppb
Antimony	121-1	955.37	1022.38	1019.49	999.08	3.79	ppb
Arsenic	75-2	986.33	1017.85	983.99	996.06	1.90	ppb
Barium	135-1	4767.22	5056.19	5137.23	4986.88	3.90	ppb
Barium	137-1	4848.60	5086.31	5057.37	4997.43	2.60	ppb
Beryllium	9-1	959.32	1019.03	1017.56	998.64	3.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	913.62	1036.93	1067.05	1005.87	8.08	ppb
Boron	11-1	910.64	1040.50	1066.69	1005.94	8.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	965.98	1018.66	983.07	989.23	2.72	ppb
Cadmium	106-1	944.13	1014.83	1019.48	992.82	4.25	ppb
Cadmium	108-1	960.95	1011.87	1009.03	993.95	2.88	ppb
Calcium	43-1	95100.85	101692.47	102386.86	99726.73	4.03	ppb
Calcium	44-1	95109.94	100571.83	103370.69	99684.15	4.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	982.73	1006.75	996.40	995.30	1.21	ppb
Cobalt	59-2	974.35	1004.14	1001.74	993.41	1.67	ppb
Copper	63-2	9761.83	9886.29	10118.16	9922.09	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	51795.81	52476.84	52818.46	52363.71	0.99	ppb
Iron	57-2	51243.97	50822.55	52859.63	51642.05	2.08	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52030.46	52377.81	52993.11	52467.12	0.93	ppb
Krypton	83-1						cps
Lead	206-1	4786.25	5089.40	5133.27	5002.97	3.78	ppb
Lead	207-1	4816.53	5099.19	5095.53	5003.75	3.24	ppb
Lead	208-1	4805.45	5116.64	5083.46	5001.85	3.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	99235.29	100311.80	101293.69	100280.26	1.03	ppb
Manganese	55-2	9757.29	9979.57	10219.01	9985.29	2.31	ppb
Molybdenum	94-1	9608.51	9971.58	10359.72	9979.94	3.76	ppb
Molybdenum	95-1	9561.59	10092.25	10391.67	10015.17	4.20	ppb
Molybdenum	96-1	9630.40	10143.81	10267.33	10013.85	3.37	ppb
Molybdenum	97-1	9539.17	10201.01	10316.76	10018.98	4.19	ppb
Molybdenum	98-1	9534.29	10142.28	10308.58	9995.05	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	974.27	991.68	1010.76	992.24	1.84	ppb
Phosphorus	31-2	19661.55	19924.64	20474.14	20020.11	2.07	ppb
Potassium	39-2	47820.47	48816.74	49177.04	48604.75	1.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	952.20	1007.46	1017.84	992.50	3.56	ppb
Selenium	77-2	974.45	1018.23	979.79	990.82	2.41	ppb
Selenium	78-2	980.66	1018.50	989.83	996.33	1.98	ppb
Silicon	28-1	897.83	999.53	1053.76	983.71	8.05	ppb
Silver	107-1	962.39	1005.55	1005.78	991.24	2.52	ppb
Silver	109-1	967.60	1016.77	998.69	994.35	2.50	ppb
Sodium	23-2	101056.01	103028.74	103856.62	102647.12	1.40	ppb
Strontium	86-1	944.73	1001.93	1036.65	994.44	4.67	ppb
Strontium	88-1	948.77	1011.53	1029.97	996.76	4.27	ppb
Sulfur	34-1	18614.65	20292.48	20763.99	19890.37	5.68	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	961.92	1002.89	1036.01	1000.27	3.71	ppb
Thallium	205-1	968.98	1010.66	1022.10	1000.58	2.79	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	968.51	1019.16	1026.30	1004.66	3.14	ppb
Tin	118-1	954.24	1018.33	1009.92	994.16	3.50	ppb
Titanium	47-1	9389.17	10063.85	10445.75	9966.26	5.37	ppb
Uranium	238-1	972.91	1026.06	1009.03	1002.67	2.71	ppb
Vanadium	51-2	999.21	994.39	999.77	997.79	0.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	9694.58	9825.07	10146.15	9888.60	2.35	ppb
Zirconium	90-1	959.85	1005.22	1034.58	999.88	3.77	ppb
Zirconium	91-1	954.95	990.21	1019.82	988.33	3.29	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:52:10	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100401.09	100614.23	99250.96	100088.76	0.73	ppb
Antimony	121-1	0.75	0.74	0.92	0.81	12.60	ppb
Arsenic	75-2	0.37	0.31	0.32	0.33	10.23	ppb
Barium	135-1	1.98	2.20	2.27	2.15	6.83	ppb
Barium	137-1	2.04	2.15	2.22	2.13	4.37	ppb
Beryllium	9-1	0.10	0.07	0.10	0.09	19.49	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	79.05	73.52	66.76	73.11	8.42	ppb
Boron	11-1	80.89	74.23	64.62	73.25	11.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.24	0.22	0.23	0.23	4.10	ppb
Cadmium	106-1	1.69	1.01	1.50	1.40	25.22	ppb
Cadmium	108-1	0.25	0.40	0.04	0.23	76.68	ppb
Calcium	43-1	488139.61	501896.70	508455.06	499497.13	2.08	ppb
Calcium	44-1	489172.94	500062.33	510909.52	500048.26	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.86	11.70	11.65	11.74	0.94	ppb
Cobalt	59-2	1.67	1.81	1.76	1.75	3.97	ppb
Copper	63-2	5.28	5.52	5.28	5.36	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	251241.93	247533.57	249287.15	249354.22	0.74	ppb
Iron	57-2	247261.49	252596.37	248596.24	249484.70	1.11	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:52:10	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	249472.54	251848.75	246505.24	249275.51	1.07	ppb
Krypton	83-1						cps
Lead	206-1	2.44	2.48	2.58	2.50	3.08	ppb
Lead	207-1	2.44	2.42	2.51	2.46	1.96	ppb
Lead	208-1	2.45	2.46	2.57	2.50	2.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	500719.56	499198.40	499587.89	499835.28	0.16	ppb
Manganese	55-2	7.51	8.35	7.66	7.84	5.73	ppb
Molybdenum	94-1	3.90	3.75	3.96	3.87	2.75	ppb
Molybdenum	95-1	3.62	3.43	3.22	3.42	5.74	ppb
Molybdenum	96-1	4.96	4.84	4.79	4.86	1.79	ppb
Molybdenum	97-1	3.66	3.55	3.50	3.57	2.25	ppb
Molybdenum	98-1	3.65	3.44	3.51	3.53	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.85	7.90	7.86	7.87	0.34	ppb
Phosphorus	31-2	-3.84	2.41	1.24	-0.06		ppb
Potassium	39-2	250210.41	249048.43	251780.03	250346.29	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	4.15	1.42	0.92	2.17	80.34	ppb
Selenium	77-2	0.00	0.00	0.22	0.07	173.21	ppb
Selenium	78-2	0.16	-0.25	-0.18	-0.09		ppb
Silicon	28-1	110.75	134.86	144.09	129.90	13.25	ppb
Silver	107-1	0.54	0.54	0.51	0.53	3.77	ppb
Silver	109-1	0.50	0.51	0.52	0.51	2.29	ppb
Sodium	23-2	496658.92	499939.36	501229.84	499276.04	0.47	ppb
Strontium	86-1	7.06	6.99	7.01	7.02	0.47	ppb
Strontium	88-1	7.02	7.22	7.31	7.18	2.05	ppb
Sulfur	34-1	-1328.85	-1370.98	-1330.72	-1343.52		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.20	0.19	0.19	3.36	ppb
Thallium	205-1	0.20	0.22	0.22	0.22	6.31	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:52:10	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.06	0.05	0.06	11.96	ppb
Tin	118-1	0.55	0.64	0.68	0.62	10.81	ppb
Titanium	47-1	1.12	1.39	1.36	1.29	11.63	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	4.21	ppb
Vanadium	51-2	0.19	0.32	0.20	0.24	31.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	15.02	15.28	15.16	15.15	0.88	ppb
Zirconium	90-1	0.48	0.52	0.54	0.52	5.63	ppb
Zirconium	91-1	0.45	0.51	0.52	0.49	7.31	ppb

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 17:19:23 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.95	486.86	494.20	489.34	0.86	ppb
Antimony	121-1	195.92	203.19	199.48	199.53	1.82	ppb
Arsenic	75-2	202.66	201.66	199.84	201.39	0.71	ppb
Barium	135-1	99.90	103.67	102.86	102.14	1.94	ppb
Barium	137-1	100.27	102.09	102.42	101.59	1.14	ppb
Beryllium	9-1	96.79	101.46	101.69	99.98	2.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	499.06	553.72	566.33	539.71	6.63	ppb
Boron	11-1	499.44	559.13	583.16	547.24	7.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	103.97	106.13	105.57	105.22	1.07	ppb
Cadmium	106-1	158.25	166.04	166.91	163.73	2.91	ppb
Cadmium	108-1	151.98	155.98	153.69	153.88	1.30	ppb
Calcium	43-1	2060.28	2152.77	2175.89	2129.65	2.87	ppb
Calcium	44-1	2139.93	2207.75	2251.16	2199.61	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.70	100.93	100.76	100.80	0.12	ppb
Cobalt	59-2	101.30	102.18	100.98	101.49	0.61	ppb
Copper	63-2	99.06	99.71	98.62	99.13	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	1979.72	1984.56	1941.95	1968.74	1.19	ppb
Iron	57-2	2050.74	2045.39	2044.77	2046.97	0.16	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:19:23	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2155.64	2164.79	2155.41	2158.62	0.25	ppb
Krypton	83-1						cps
Lead	206-1	205.44	208.32	209.02	207.60	0.91	ppb
Lead	207-1	191.34	194.85	195.39	193.86	1.13	ppb
Lead	208-1	200.01	205.34	206.34	203.90	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	1126.31	1144.81	1120.62	1130.58	1.12	ppb
Manganese	55-2	98.37	98.94	97.29	98.20	0.85	ppb
Molybdenum	94-1	4982.28	5097.19	5138.38	5072.62	1.59	ppb
Molybdenum	95-1	4884.93	5019.24	5084.61	4996.26	2.04	ppb
Molybdenum	96-1	4869.19	5078.83	5105.74	5017.92	2.58	ppb
Molybdenum	97-1	4823.78	5081.39	5061.67	4988.95	2.87	ppb
Molybdenum	98-1	4856.63	5092.55	5130.73	5026.64	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.92	103.10	102.24	102.42	0.60	ppb
Phosphorus	31-2	2.45	-14.73	-10.00	-7.43		ppb
Potassium	39-2	2016.96	1987.32	1996.31	2000.20	0.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	199.99	208.41	210.65	206.35	2.72	ppb
Selenium	77-2	212.57	213.71	186.87	204.38	7.43	ppb
Selenium	78-2	203.28	205.63	202.33	203.75	0.83	ppb
Silicon	28-1	105.12	119.96	130.56	118.55	10.78	ppb
Silver	107-1	50.73	52.56	52.26	51.85	1.90	ppb
Silver	109-1	49.69	51.91	51.42	51.01	2.29	ppb
Sodium	23-2	1970.40	1988.03	1956.60	1971.68	0.80	ppb
Strontium	86-1	523.76	542.32	551.59	539.22	2.63	ppb
Strontium	88-1	513.12	535.32	540.92	529.79	2.77	ppb
Sulfur	34-1	-1219.84	-1303.85	-1203.74	-1242.48		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	213.03	214.85	219.87	215.92	1.64	ppb
Thallium	205-1	214.83	212.83	220.48	216.05	1.84	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:19:23	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	47.16	ppb
Tin	118-1	542.31	556.78	550.80	549.96	1.32	ppb
Titanium	47-1	4737.02	4796.15	4927.91	4820.36	2.03	ppb
Uranium	238-1	448.59	461.48	461.67	457.24	1.64	ppb
Vanadium	51-2	98.25	98.27	96.10	97.54	1.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	200.59	198.98	197.24	198.93	0.84	ppb
Zirconium	90-1	508.22	531.82	529.41	523.15	2.48	ppb
Zirconium	91-1	522.74	545.27	551.65	539.89	2.81	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.61	20.31	20.18	20.37	1.07	ppb
Antimony	121-1	1.89	2.00	2.16	2.02	6.70	ppb
Arsenic	75-2	1.04	1.09	1.19	1.11	7.04	ppb
Barium	135-1	9.43	10.10	9.90	9.81	3.54	ppb
Barium	137-1	9.53	10.29	10.32	10.05	4.49	ppb
Beryllium	9-1	0.96	1.07	1.16	1.06	9.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	26.53	29.29	31.77	29.20	8.97	ppb
Boron	11-1	25.62	30.28	30.23	28.71	9.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.05	1.13	1.15	1.11	4.64	ppb
Cadmium	106-1	1.37	-0.39	3.68	1.56	131.14	ppb
Cadmium	108-1	0.71	0.68	0.89	0.76	15.19	ppb
Calcium	43-1	489.37	541.04	518.63	516.35	5.02	ppb
Calcium	44-1	556.39	605.98	604.18	588.85	4.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.04	2.07	2.06	1.18	ppb
Cobalt	59-2	1.04	1.04	1.02	1.04	1.11	ppb
Copper	63-2	2.10	2.07	2.06	2.08	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	54.14	54.64	53.56	54.11	1.00	ppb
Iron	57-2	52.32	56.81	56.99	55.38	4.78	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.00	56.09	51.39	55.49	6.93	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.97	1.06	0.97	8.90	ppb
Lead	207-1	0.91	0.93	0.92	0.92	1.42	ppb
Lead	208-1	0.88	0.95	0.99	0.94	5.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	501.22	497.90	494.71	497.94	0.65	ppb
Manganese	55-2	1.01	1.02	1.08	1.04	3.39	ppb
Molybdenum	94-1	5.67	6.27	6.38	6.11	6.23	ppb
Molybdenum	95-1	5.07	5.34	5.71	5.37	5.91	ppb
Molybdenum	96-1	5.00	5.38	5.53	5.30	5.13	ppb
Molybdenum	97-1	4.89	4.98	5.32	5.07	4.53	ppb
Molybdenum	98-1	4.81	5.21	5.46	5.16	6.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.06	0.97	1.02	4.56	ppb
Phosphorus	31-2	-1.89	22.08	19.10	13.10	99.75	ppb
Potassium	39-2	531.88	523.80	520.75	525.48	1.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	6.86	2.48	8.09	5.81	50.73	ppb
Selenium	77-2	5.25	4.85	6.69	5.59	17.28	ppb
Selenium	78-2	6.24	7.08	4.62	5.98	20.90	ppb
Silicon	28-1	13.16	15.29	15.60	14.68	9.03	ppb
Silver	107-1	0.92	1.05	1.08	1.02	8.10	ppb
Silver	109-1	0.88	1.05	1.07	1.00	10.69	ppb
Sodium	23-2	516.61	517.05	509.67	514.44	0.80	ppb
Strontium	86-1	1.47	1.81	1.55	1.61	10.95	ppb
Strontium	88-1	0.96	1.02	1.05	1.01	4.53	ppb
Sulfur	34-1	-321.20	-137.52	-171.21	-209.98		ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.85	0.97	0.92	0.91	6.70	ppb
Thallium	205-1	0.90	0.91	0.95	0.92	2.62	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.81	0.86	0.90	0.86	5.15	ppb
Tin	118-1	4.98	5.42	5.42	5.27	4.86	ppb
Titanium	47-1	4.45	5.26	5.31	5.00	9.61	ppb
Uranium	238-1	0.80	0.86	0.92	0.86	6.86	ppb
Vanadium	51-2	4.95	5.05	5.11	5.04	1.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	2.17	2.07	2.38	2.21	7.08	ppb
Zirconium	90-1	0.94	0.99	1.02	0.98	4.00	ppb
Zirconium	91-1	1.00	1.01	0.94	0.98	3.94	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:43:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.19	0.00	-0.13		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	37.89	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	34.65	ppb
Barium	137-1	0.00	0.01	0.00	0.00	186.86	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	353.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	5.64	5.39	6.34	5.79	8.52	ppb
Boron	11-1	6.14	5.44	5.73	5.77	6.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.02	0.02	0.00		ppb
Cadmium	106-1	0.33	-0.41	0.06	0.00		ppb
Cadmium	108-1	-0.16	-0.01	-0.25	-0.14		ppb
Calcium	43-1	1.54	-0.87	-0.82	-0.05		ppb
Calcium	44-1	58.41	63.01	74.31	65.24	12.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	0.06	0.02	224.03	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	542.34	ppb
Copper	63-2	0.02	0.04	0.03	0.03	26.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.28	0.11	0.35	0.24	50.72	ppb
Iron	57-2	0.58	0.88	0.76	0.74	20.51	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:43:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.84	-0.85	0.20	0.06	1445.98	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	48.24	ppb
Lead	207-1	0.02	0.03	0.00	0.02	75.23	ppb
Lead	208-1	0.03	0.02	0.01	0.02	49.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.15	0.18	0.42	0.25	59.24	ppb
Manganese	55-2	0.01	0.01	0.02	0.01	47.84	ppb
Molybdenum	94-1	0.04	0.06	-0.01	0.03	120.23	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	56.54	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	117.62	ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.01	196.04	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	31.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-1.59	-4.60	-1.82	-2.67		ppb
Potassium	39-2	10.91	12.08	12.94	11.97	8.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.90	1.46	3.84	2.07	75.65	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.03	0.70	0.92	0.88	19.35	ppb
Silicon	28-1	0.94	0.42	0.55	0.64	41.85	ppb
Silver	107-1	0.02	0.01	0.01	0.01	42.58	ppb
Silver	109-1	0.02	0.01	0.01	0.01	37.85	ppb
Sodium	23-2	8.09	10.25	8.53	8.96	12.77	ppb
Strontium	86-1	0.53	0.34	-0.07	0.27	116.29	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-349.93	-239.17	-174.77	-254.63		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.07	-0.07	-0.06		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:43:47	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	-0.01	0.01	0.01	173.36	ppb
Titanium	47-1	-0.01	-0.02	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.06	-0.01	0.05	0.03	120.38	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	621.37	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	36.51	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:46:41	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93751.73	93749.19	94961.70	94154.21	0.74	ppb
Antimony	121-1	1.18	1.23	1.15	1.19	3.14	ppb
Arsenic	75-2	0.35	0.30	0.32	0.32	8.20	ppb
Barium	135-1	1.65	1.33	1.49	1.49	10.67	ppb
Barium	137-1	1.58	1.42	1.47	1.49	5.29	ppb
Beryllium	9-1	0.25	0.30	0.33	0.29	14.01	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	5.76	6.18	14.80	8.91	57.28	ppb
Boron	11-1	6.24	6.21	15.51	9.32	57.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.45	0.42	0.54	0.47	13.59	ppb
Cadmium	106-1	0.21	0.13	1.94	0.76	134.25	ppb
Cadmium	108-1	9.73	11.03	9.85	10.20	7.06	ppb
Calcium	43-1	96002.00	101701.83	100389.29	99364.37	3.00	ppb
Calcium	44-1	96679.41	101840.03	101237.84	99919.09	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	20.10	20.71	20.30	1.75	ppb
Cobalt	59-2	1.22	1.18	1.19	1.20	1.86	ppb
Copper	63-2	7.46	7.46	7.66	7.53	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	102160.74	102310.87	103040.36	102503.99	0.46	ppb
Iron	57-2	99971.33	98931.21	101824.57	100242.37	1.46	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:46:41	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102137.66	99604.43	103848.40	101863.50	2.10	ppb
Krypton	83-1						cps
Lead	206-1	4.95	5.35	5.38	5.23	4.59	ppb
Lead	207-1	4.37	4.71	4.58	4.55	3.71	ppb
Lead	208-1	4.59	4.98	4.92	4.83	4.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	93217.39	94609.38	94990.58	94272.45	0.99	ppb
Manganese	55-2	7.54	7.76	7.88	7.73	2.27	ppb
Molybdenum	94-1	1537.14	1619.37	1614.50	1590.34	2.90	ppb
Molybdenum	95-1	1890.93	1948.74	1941.19	1926.95	1.63	ppb
Molybdenum	96-1	1863.97	1939.67	1893.29	1898.98	2.01	ppb
Molybdenum	97-1	1852.10	1977.31	1952.01	1927.14	3.44	ppb
Molybdenum	98-1	1860.28	1945.64	1945.34	1917.09	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.44	5.44	5.43	0.46	ppb
Phosphorus	31-2	96545.63	95939.97	97724.65	96736.75	0.94	ppb
Potassium	39-2	94620.09	94390.34	95056.69	94689.04	0.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	0.51	4.31	4.04	2.95	71.72	ppb
Selenium	77-2	0.23	0.00	0.23	0.15	86.61	ppb
Selenium	78-2	1.49	1.14	0.68	1.11	36.63	ppb
Silicon	28-1	16.55	18.31	42.68	25.85	56.49	ppb
Silver	107-1	0.44	0.47	0.42	0.44	5.73	ppb
Silver	109-1	0.37	0.44	0.44	0.42	9.33	ppb
Sodium	23-2	101214.14	100951.89	102659.12	101608.38	0.90	ppb
Strontium	86-1	32.87	35.57	34.94	34.46	4.09	ppb
Strontium	88-1	33.85	35.24	34.58	34.56	2.01	ppb
Sulfur	34-1	97673.55	102205.81	101006.00	100295.12	2.34	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.40	0.55	0.43	24.89	ppb
Thallium	205-1	0.37	0.45	0.58	0.47	22.07	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:46:41	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	113.91	ppb
Tin	118-1	0.19	0.13	0.20	0.17	19.54	ppb
Titanium	47-1	1916.63	2039.80	2028.47	1994.96	3.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	18.59	ppb
Vanadium	51-2	0.17	0.21	0.17	0.18	10.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	11.28	11.69	11.70	11.56	2.08	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	19.00	ppb
Zirconium	91-1	0.03	0.05	0.02	0.04	39.44	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95779.63	93548.27	94108.11	94478.67	1.23	ppb
Antimony	121-1	21.42	22.72	22.80	22.31	3.49	ppb
Arsenic	75-2	20.81	20.54	20.28	20.55	1.27	ppb
Barium	135-1	21.54	23.23	22.83	22.53	3.92	ppb
Barium	137-1	21.63	22.87	22.61	22.37	2.94	ppb
Beryllium	9-1	20.93	22.58	21.57	21.69	3.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	60.69	62.22	62.59	61.83	1.63	ppb
Boron	11-1	62.17	65.46	63.79	63.81	2.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.28	21.81	21.10	21.06	3.62	ppb
Cadmium	106-1	25.04	26.54	24.03	25.20	5.00	ppb
Cadmium	108-1	32.64	30.53	30.10	31.09	4.39	ppb
Calcium	43-1	99497.13	105625.13	103371.52	102831.26	3.01	ppb
Calcium	44-1	98029.48	104457.80	104127.01	102204.76	3.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.32	41.01	41.36	41.23	0.46	ppb
Cobalt	59-2	21.68	22.06	21.91	21.89	0.87	ppb
Copper	63-2	27.47	27.34	27.74	27.52	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	104635.73	103124.40	103256.17	103672.10	0.81	ppb
Iron	57-2	101331.74	102638.19	102438.04	102135.99	0.69	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102143.20	102473.63	102665.92	102427.58	0.26	ppb
Krypton	83-1						cps
Lead	206-1	25.00	27.53	26.43	26.32	4.82	ppb
Lead	207-1	23.39	25.31	24.73	24.47	4.03	ppb
Lead	208-1	23.95	26.00	25.23	25.06	4.13	ppb
Lithium	6-1				93		%
Magnesium	24-2	95824.97	94254.78	93936.19	94671.98	1.07	ppb
Manganese	55-2	27.35	27.53	27.80	27.56	0.82	ppb
Molybdenum	94-1	1727.49	1812.99	1813.13	1784.54	2.77	ppb
Molybdenum	95-1	1968.10	2044.48	2042.65	2018.41	2.16	ppb
Molybdenum	96-1	1893.33	2056.26	2040.10	1996.56	4.50	ppb
Molybdenum	97-1	1923.15	2080.98	2080.19	2028.11	4.48	ppb
Molybdenum	98-1	1936.69	2047.11	2044.82	2009.54	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.47	25.46	26.09	25.67	1.42	ppb
Phosphorus	31-2	98233.06	96715.14	97360.78	97436.33	0.78	ppb
Potassium	39-2	95606.66	95826.55	96692.87	96042.03	0.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	82-1	19.25	24.21	20.57	21.34	12.05	ppb
Selenium	77-2	20.00	21.90	18.84	20.24	7.62	ppb
Selenium	78-2	20.45	19.86	19.79	20.03	1.80	ppb
Silicon	28-1	69.19	71.88	67.44	69.50	3.22	ppb
Silver	107-1	19.21	21.54	20.38	20.38	5.72	ppb
Silver	109-1	19.54	21.33	20.28	20.39	4.42	ppb
Sodium	23-2	103223.89	101621.74	101739.90	102195.18	0.87	ppb
Strontium	86-1	87.62	93.54	92.52	91.23	3.47	ppb
Strontium	88-1	88.17	91.58	92.51	90.75	2.52	ppb
Sulfur	34-1	102085.40	106934.42	104191.84	104403.89	2.33	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	20.63	22.88	22.13	21.88	5.23	ppb
Thallium	205-1	20.84	22.83	22.10	21.92	4.58	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	10.94	12.10	11.57	11.54	5.05	ppb
Tin	118-1	52.55	57.30	55.85	55.23	4.41	ppb
Titanium	47-1	1992.90	2085.43	2108.21	2062.18	2.96	ppb
Uranium	238-1	49.16	53.59	52.13	51.63	4.37	ppb
Vanadium	51-2	20.46	20.94	20.62	20.67	1.20	ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%
Zinc	66-2	32.02	31.14	32.29	31.82	1.89	ppb
Zirconium	90-1	53.28	56.71	57.04	55.68	3.74	ppb
Zirconium	91-1	53.49	56.19	56.70	55.46	3.11	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48266.69	49748.76	50241.31	49418.92	2.08	ppb
Antimony	121-1	467.99	495.62	494.59	486.07	3.22	ppb
Arsenic	75-2	476.03	483.50	483.30	480.94	0.89	ppb
Barium	135-1	2378.43	2522.50	2514.12	2471.68	3.27	ppb
Barium	137-1	2387.73	2526.30	2479.62	2464.55	2.86	ppb
Beryllium	9-1	494.07	511.31	522.97	509.45	2.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	489.40	530.26	563.37	527.68	7.02	ppb
Boron	11-1	494.04	534.36	565.53	531.31	6.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	461.39	496.48	489.00	482.29	3.83	ppb
Cadmium	106-1	466.02	488.14	486.48	480.21	2.57	ppb
Cadmium	108-1	466.07	490.24	483.05	479.79	2.59	ppb
Calcium	43-1	241566.64	248323.64	243308.89	244399.72	1.44	ppb
Calcium	44-1	239267.40	247004.31	245680.65	243984.12	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.93	494.21	492.13	489.76	1.23	ppb
Cobalt	59-2	476.15	477.79	475.90	476.61	0.22	ppb
Copper	63-2	4854.60	5030.69	4905.63	4930.31	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	120146.75	122292.92	120958.23	121132.63	0.89	ppb
Iron	57-2	118195.61	120212.85	118544.36	118984.27	0.91	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	119314.77	121909.64	119546.22	120256.88	1.19	ppb
Krypton	83-1						cps
Lead	206-1	2423.81	2536.92	2534.55	2498.43	2.59	ppb
Lead	207-1	2430.86	2535.74	2489.94	2485.52	2.12	ppb
Lead	208-1	2436.91	2510.67	2521.83	2489.80	1.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	240979.64	249611.98	244815.13	245135.58	1.76	ppb
Manganese	55-2	4696.63	4827.32	4740.16	4754.70	1.40	ppb
Molybdenum	94-1	4719.25	4910.54	4973.27	4867.69	2.72	ppb
Molybdenum	95-1	4691.47	4786.09	4936.53	4804.70	2.57	ppb
Molybdenum	96-1	4687.77	4810.93	4976.19	4824.97	3.00	ppb
Molybdenum	97-1	4748.90	4815.02	4971.84	4845.26	2.36	ppb
Molybdenum	98-1	4743.00	4786.12	4954.10	4827.74	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.91	474.74	462.70	467.12	1.42	ppb
Phosphorus	31-2	9456.87	9934.67	9559.28	9650.27	2.61	ppb
Potassium	39-2	118580.91	121867.29	119789.57	120079.26	1.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				116		%
Selenium	82-1	453.88	464.26	479.56	465.90	2.77	ppb
Selenium	77-2	459.66	481.10	479.34	473.37	2.52	ppb
Selenium	78-2	462.35	463.34	467.87	464.52	0.63	ppb
Silicon	28-1	482.99	521.12	533.94	512.68	5.17	ppb
Silver	107-1	460.42	496.93	486.38	481.24	3.90	ppb
Silver	109-1	467.29	492.36	486.09	481.91	2.71	ppb
Sodium	23-2	242534.01	250787.91	249819.76	247713.89	1.82	ppb
Strontium	86-1	483.79	497.83	509.26	496.96	2.57	ppb
Strontium	88-1	474.57	491.03	500.81	488.80	2.71	ppb
Sulfur	34-1	9015.34	9361.71	8899.87	9092.30	2.64	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	490.21	504.01	508.69	500.97	1.92	ppb
Thallium	205-1	484.67	511.85	508.12	501.55	2.94	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	488.89	517.67	514.98	507.18	3.13	ppb
Tin	118-1	469.67	503.02	498.82	490.50	3.70	ppb
Titanium	47-1	4765.36	4835.80	4869.31	4823.49	1.10	ppb
Uranium	238-1	478.83	511.27	514.89	501.66	3.96	ppb
Vanadium	51-2	484.22	498.95	496.12	493.10	1.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	4892.18	4995.30	4895.06	4927.51	1.19	ppb
Zirconium	90-1	482.55	484.12	508.73	491.80	2.99	ppb
Zirconium	91-1	491.83	500.59	515.67	502.69	2.40	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:06:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.29	0.33	0.38	29.62	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	11.47	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	277.77	ppb
Barium	135-1	0.05	0.04	0.02	0.04	31.48	ppb
Barium	137-1	0.01	0.04	0.01	0.02	75.91	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	25.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	7.63	7.30	5.66	6.86	15.37	ppb
Boron	11-1	7.09	7.69	7.27	7.35	4.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.01	0.03	-0.01		ppb
Cadmium	106-1	-3.48	-0.02	1.44	-0.69		ppb
Cadmium	108-1	-0.13	0.25	-0.21	-0.03		ppb
Calcium	43-1	6.95	-1.40	-1.24	1.43	333.06	ppb
Calcium	44-1	84.95	121.14	97.65	101.25	18.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.06	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	4003.24	ppb
Copper	63-2	0.11	0.07	0.08	0.08	22.01	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				102		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	1.90	1.60	1.73	1.74	8.62	ppb
Iron	57-2	2.64	2.41	-0.14	1.64	94.37	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:06:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.48	0.87	2.33	1.22	79.75	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.21	0.21	1.72	ppb
Lead	207-1	0.18	0.20	0.17	0.18	7.98	ppb
Lead	208-1	0.19	0.22	0.20	0.20	6.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.92	2.80	2.32	2.68	11.87	ppb
Manganese	55-2	0.07	0.07	0.06	0.06	8.51	ppb
Molybdenum	94-1	0.12	0.06	0.11	0.10	28.66	ppb
Molybdenum	95-1	0.15	0.12	0.08	0.12	31.40	ppb
Molybdenum	96-1	0.15	0.07	0.05	0.09	59.71	ppb
Molybdenum	97-1	0.10	0.07	0.08	0.09	20.06	ppb
Molybdenum	98-1	0.15	0.07	0.11	0.11	35.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-5.30	-9.89	-3.61	-6.27		ppb
Potassium	39-2	23.67	26.77	25.10	25.18	6.16	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	1.42	-1.53	1.88	0.59	313.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.59	1.12	-0.04	0.56	103.90	ppb
Silicon	28-1	-1.46	3.70	-0.86	0.46	615.91	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.21	ppb
Silver	109-1	0.02	0.03	0.02	0.02	28.39	ppb
Sodium	23-2	38.23	38.02	37.06	37.77	1.65	ppb
Strontium	86-1	0.11	0.44	0.23	0.26	64.48	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	114.63	ppb
Sulfur	34-1	-822.40	-5.35	-461.53	-429.76		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.34	0.34	0.33	6.56	ppb
Thallium	205-1	0.31	0.37	0.33	0.34	9.94	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:06:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	43.48	ppb
Tin	118-1	0.00	0.03	0.00	0.01	260.10	ppb
Titanium	47-1	0.09	0.06	0.03	0.06	49.29	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	40.66	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	146.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.12	0.08	0.13	0.11	25.57	ppb
Zirconium	90-1	0.03	0.02	0.00	0.02	67.23	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	33.44	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	20.50	21.11	20.52	2.79	ppb
Antimony	121-1	1.80	1.95	2.11	1.95	7.98	ppb
Arsenic	75-2	1.07	1.07	1.05	1.07	1.38	ppb
Barium	135-1	8.77	9.61	10.23	9.53	7.67	ppb
Barium	137-1	8.99	9.52	10.35	9.62	7.10	ppb
Beryllium	9-1	0.92	1.09	1.11	1.04	9.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.21	28.22	29.73	26.72	14.90	ppb
Boron	11-1	21.18	25.69	27.91	24.93	13.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.90	0.95	0.99	0.95	5.17	ppb
Cadmium	106-1	-1.08	-0.57	-1.88	-1.18		ppb
Cadmium	108-1	0.93	0.96	0.42	0.77	39.07	ppb
Calcium	43-1	494.37	558.53	537.78	530.23	6.17	ppb
Calcium	44-1	537.56	603.32	604.35	581.74	6.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	1.97	2.16	2.10	5.44	ppb
Cobalt	59-2	1.06	1.01	1.07	1.05	3.33	ppb
Copper	63-2	2.18	2.13	2.20	2.17	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	56.74	54.83	56.14	55.90	1.74	ppb
Iron	57-2	58.62	59.85	56.14	58.20	3.24	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.61	61.02	56.93	58.85	3.49	ppb
Krypton	83-1						cps
Lead	206-1	0.92	1.02	1.10	1.01	8.58	ppb
Lead	207-1	0.94	1.00	1.04	0.99	5.06	ppb
Lead	208-1	0.92	1.00	1.05	0.99	6.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	503.17	488.99	499.98	497.38	1.50	ppb
Manganese	55-2	1.10	1.07	1.17	1.11	4.67	ppb
Molybdenum	94-1	5.54	5.80	6.08	5.81	4.66	ppb
Molybdenum	95-1	4.50	5.14	5.26	4.96	8.21	ppb
Molybdenum	96-1	4.50	5.02	5.32	4.95	8.35	ppb
Molybdenum	97-1	4.34	5.17	5.08	4.86	9.28	ppb
Molybdenum	98-1	4.49	4.92	5.26	4.89	7.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.97	0.97	0.97	0.49	ppb
Phosphorus	31-2	17.24	19.12	5.26	13.87	54.20	ppb
Potassium	39-2	541.29	529.23	530.14	533.56	1.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	6.47	5.67	5.50	5.88	8.80	ppb
Selenium	77-2	4.59	6.06	5.49	5.38	13.79	ppb
Selenium	78-2	6.97	5.93	6.02	6.31	9.14	ppb
Silicon	28-1	7.74	11.97	12.73	10.81	24.90	ppb
Silver	107-1	0.89	0.90	1.04	0.94	8.97	ppb
Silver	109-1	0.85	0.98	1.00	0.94	8.50	ppb
Sodium	23-2	528.93	516.88	533.24	526.35	1.61	ppb
Strontium	86-1	1.15	1.13	1.53	1.27	17.54	ppb
Strontium	88-1	0.88	0.98	1.01	0.96	7.19	ppb
Sulfur	34-1	-473.22	-130.35	-4.50	-202.69		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.06	1.16	1.08	6.36	ppb
Thallium	205-1	1.03	1.15	1.16	1.12	6.36	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.76	0.84	0.88	0.82	7.46	ppb
Tin	118-1	4.79	5.19	5.12	5.03	4.28	ppb
Titanium	47-1	4.63	4.86	5.25	4.92	6.40	ppb
Uranium	238-1	0.75	0.84	0.87	0.82	7.42	ppb
Vanadium	51-2	5.17	4.91	4.94	5.01	2.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	2.28	2.45	2.34	2.35	3.79	ppb
Zirconium	90-1	0.91	0.96	1.02	0.96	5.76	ppb
Zirconium	91-1	0.97	0.93	1.06	0.99	7.00	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2902.05	2857.72	2841.45	2867.07	1.09	ppb
Antimony	121-1	321.42	331.73	331.05	328.07	1.76	ppb
Arsenic	75-2	654.08	634.96	628.76	639.27	2.06	ppb
Barium	135-1	1079.85	1115.57	1116.69	1104.04	1.90	ppb
Barium	137-1	1057.64	1091.87	1101.88	1083.79	2.14	ppb
Beryllium	9-1	350.67	365.76	368.47	361.64	2.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	1422.91	1593.72	1685.27	1567.30	8.50	ppb
Boron	11-1	1403.67	1566.95	1670.85	1547.16	8.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	498.25	525.14	526.30	516.57	3.07	ppb
Cadmium	106-1	419.55	439.29	443.04	433.96	2.91	ppb
Cadmium	108-1	429.42	461.44	449.03	446.63	3.61	ppb
Calcium	43-1	180.99	166.39	161.04	169.47	6.09	ppb
Calcium	44-1	66.37	59.15	59.55	61.69	6.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.50	135.63	134.33	135.15	0.53	ppb
Cobalt	59-2	449.95	434.46	439.60	441.33	1.79	ppb
Copper	63-2	424.93	423.42	430.26	426.20	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	3617.52	3582.71	3550.65	3583.63	0.93	ppb
Iron	57-2	3685.59	3710.96	3630.62	3675.72	1.12	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3830.77	3795.57	3828.31	3818.22	0.51	ppb
Krypton	83-1						cps
Lead	206-1	947.28	995.71	978.16	973.72	2.52	ppb
Lead	207-1	957.84	986.96	977.05	973.95	1.52	ppb
Lead	208-1	958.34	984.43	973.79	972.19	1.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.42	0.59	0.44	0.48	18.58	ppb
Manganese	55-2	887.28	889.62	899.34	892.08	0.72	ppb
Molybdenum	94-1	164.77	170.12	169.61	168.17	1.75	ppb
Molybdenum	95-1	199.71	203.72	206.13	203.19	1.60	ppb
Molybdenum	96-1	194.88	199.67	203.15	199.23	2.08	ppb
Molybdenum	97-1	200.39	202.79	205.86	203.02	1.35	ppb
Molybdenum	98-1	198.64	204.91	204.44	202.66	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.76	552.10	552.62	553.83	0.46	ppb
Phosphorus	31-2	-7.02	-13.05	-9.07	-9.71		ppb
Potassium	39-2	5.70	7.05	5.68	6.14	12.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	199.39	204.09	199.14	200.88	1.39	ppb
Selenium	77-2	213.55	197.79	204.43	205.26	3.85	ppb
Selenium	78-2	208.28	204.71	198.46	203.82	2.44	ppb
Silicon	28-1	60.95	62.29	59.14	60.79	2.60	ppb
Silver	107-1	963.18	997.45	999.80	986.81	2.08	ppb
Silver	109-1	954.55	993.96	987.29	978.60	2.16	ppb
Sodium	23-2	48.04	44.65	45.38	46.02	3.88	ppb
Strontium	86-1	274.09	281.68	281.72	279.16	1.57	ppb
Strontium	88-1	273.63	273.93	275.41	274.32	0.35	ppb
Sulfur	34-1	-708.08	-925.73	-1367.46	-1000.42		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	268.51	277.66	271.17	272.44	1.73	ppb
Thallium	205-1	267.01	277.82	275.69	273.51	2.09	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	153.37	ppb
Tin	118-1	0.19	0.18	0.16	0.18	6.30	ppb
Titanium	47-1	0.03	0.09	0.12	0.08	59.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	310.85	ppb
Vanadium	51-2	1698.59	1666.48	1668.75	1677.94	1.07	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	612.23	612.71	618.26	614.40	0.55	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	11.82	ppb
Zirconium	91-1	0.21	0.25	0.25	0.24	9.93	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.76	94.08	90.88	93.58	2.65	ppb
Antimony	121-1	0.08	0.11	0.14	0.11	24.48	ppb
Arsenic	75-2	0.03	0.03	0.01	0.02	57.21	ppb
Barium	135-1	0.25	0.38	0.28	0.30	23.70	ppb
Barium	137-1	0.23	0.23	0.18	0.21	14.49	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	7.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	400.11	432.73	436.26	423.03	4.71	ppb
Boron	11-1	404.50	424.29	446.49	425.09	4.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.09	0.06	0.06	40.89	ppb
Cadmium	106-1	-0.81	2.76	1.72	1.22	149.79	ppb
Cadmium	108-1	-0.20	-0.18	-0.19	-0.19		ppb
Calcium	43-1	2.14	3.13	4.19	3.15	32.52	ppb
Calcium	44-1	70.50	59.14	62.63	64.09	9.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	-0.02	0.02	198.80	ppb
Cobalt	59-2	0.08	0.07	0.08	0.08	6.10	ppb
Copper	63-2	0.08	0.10	0.09	0.09	15.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	1.89	2.04	1.80	1.91	6.38	ppb
Iron	57-2	1.29	2.90	2.18	2.12	38.05	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.00	1.48	0.74	0.74	99.73	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.41	0.49	0.39	24.96	ppb
Lead	207-1	0.30	0.38	0.45	0.38	20.37	ppb
Lead	208-1	0.27	0.39	0.48	0.38	27.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.17	1.22	1.03	1.14	8.42	ppb
Manganese	55-2	0.05	0.06	0.07	0.06	16.60	ppb
Molybdenum	94-1	2.68	2.67	2.94	2.76	5.49	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	11.99	ppb
Molybdenum	96-1	0.37	0.32	0.28	0.32	14.14	ppb
Molybdenum	97-1	0.06	0.05	0.01	0.04	58.96	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	14.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.38	0.39	0.39	4.26	ppb
Phosphorus	31-2	-10.86	1.48	-3.82	-4.40		ppb
Potassium	39-2	10.94	15.52	10.79	12.42	21.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	-1.39	4.58	1.38	1.52	196.20	ppb
Selenium	77-2	0.00	0.22	0.00	0.07	173.21	ppb
Selenium	78-2	1.69	1.28	0.16	1.05	75.66	ppb
Silicon	28-1	1952.03	2084.15	2118.48	2051.55	4.28	ppb
Silver	107-1	0.27	0.24	0.18	0.23	21.07	ppb
Silver	109-1	0.25	0.22	0.20	0.22	11.20	ppb
Sodium	23-2	250.89	258.89	253.12	254.30	1.62	ppb
Strontium	86-1	-0.18	0.17	-0.24	-0.09		ppb
Strontium	88-1	0.03	0.03	0.04	0.03	15.01	ppb
Sulfur	34-1	-1764.61	-1894.72	-1921.87	-1860.40		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.31	0.39	0.33	13.52	ppb
Thallium	205-1	0.32	0.37	0.35	0.35	7.26	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	54.97	ppb
Tin	118-1	1701.76	1873.11	1812.22	1795.70	4.84	ppb
Titanium	47-1	266.54	287.92	284.54	279.66	4.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.26	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	10.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	0.35	0.40	0.43	0.39	10.62	ppb
Zirconium	90-1	1.49	1.51	1.49	1.50	0.61	ppb
Zirconium	91-1	1.55	1.61	1.51	1.56	3.08	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.08	0.17	0.25	90.25	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	19.23	ppb
Arsenic	75-2	0.04	0.07	0.06	0.06	32.57	ppb
Barium	135-1	0.44	0.40	0.41	0.42	5.94	ppb
Barium	137-1	0.43	0.30	0.38	0.37	18.42	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	56.67	ppb
Bismuth	209-1				190		%
Bismuth	209-2				178		%
Boron	10-1	25.20	27.74	26.98	26.64	4.89	ppb
Boron	11-1	27.23	26.09	25.41	26.24	3.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.09	0.06	0.09	23.63	ppb
Cadmium	106-1	-0.81	-0.38	-0.74	-0.65		ppb
Cadmium	108-1	-0.34	-0.32	-0.43	-0.37		ppb
Calcium	43-1	53062.01	53701.31	54011.28	53591.53	0.90	ppb
Calcium	44-1	52844.71	53664.07	54159.15	53555.97	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.37	-0.36	-0.36	-0.36		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	43.22	ppb
Copper	63-2	-0.02	-0.03	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				199		%
Holmium	165-2				189		%
Indium	115-1				199		%
Indium	115-2				188		%
Iron	56-2	-0.56	-0.50	-0.39	-0.48		ppb
Iron	57-2	148.94	150.79	152.89	150.87	1.31	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-5.24	-5.28	-4.99	-5.17		ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.47	0.46	0.47	1.48	ppb
Lead	207-1	0.44	0.40	0.48	0.44	8.51	ppb
Lead	208-1	0.45	0.44	0.47	0.45	3.12	ppb
Lithium	6-1				194		%
Magnesium	24-2	30885.19	30726.90	31768.13	31126.74	1.80	ppb
Manganese	55-2	0.13	0.13	0.13	0.13	1.25	ppb
Molybdenum	94-1	3.62	3.82	3.70	3.71	2.77	ppb
Molybdenum	95-1	4.59	4.56	4.44	4.53	1.83	ppb
Molybdenum	96-1	4.29	4.57	4.43	4.43	3.16	ppb
Molybdenum	97-1	4.20	4.60	4.46	4.42	4.59	ppb
Molybdenum	98-1	4.36	4.42	4.50	4.42	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.04	0.03	37.34	ppb
Phosphorus	31-2	-23.11	-27.34	-18.99	-23.15		ppb
Potassium	39-2	31707.69	32498.67	32692.01	32299.46	1.61	ppb
Rhodium	103-1				196		%
Rhodium	103-2				187		%
Scandium	45-1				207		%
Scandium	45-2				197		%
Selenium	82-1	1.40	1.64	2.16	1.73	22.40	ppb
Selenium	77-2	0.00	0.00	0.13	0.04	173.21	ppb
Selenium	78-2	-2.93	-2.35	-2.87	-2.72		ppb
Silicon	28-1	-34.43	-35.29	-35.09	-34.94		ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.55	ppb
Silver	109-1	0.07	0.07	0.05	0.07	13.98	ppb
Sodium	23-2	25983.72	26269.55	26683.47	26312.24	1.34	ppb
Strontium	86-1	4.36	4.58	5.00	4.64	6.98	ppb
Strontium	88-1	8.61	8.79	8.85	8.75	1.42	ppb
Sulfur	34-1	-4986.71	-4665.44	-4349.85	-4667.33		ppb
Terbium	159-1				201		%
Terbium	159-2				188		%
Thallium	203-1	0.12	0.14	0.15	0.14	9.55	ppb
Thallium	205-1	0.15	0.15	0.19	0.16	12.81	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	168.74	ppb
Tin	118-1	0.13	0.09	0.05	0.09	45.71	ppb
Titanium	47-1	0.03	0.04	0.03	0.04	12.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.43	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	7.95	ppb
Yttrium	89-1				203		%
Yttrium	89-2				194		%
Zinc	66-2	0.52	0.52	0.50	0.51	1.92	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.01	0.00	280.08	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2882.17	2857.59	2874.15	2871.30	0.44	ppb
Antimony	121-1	333.37	338.97	335.22	335.85	0.85	ppb
Arsenic	75-2	647.82	631.12	634.44	637.79	1.39	ppb
Barium	135-1	1103.22	1126.85	1127.57	1119.21	1.24	ppb
Barium	137-1	1091.60	1122.98	1106.85	1107.14	1.42	ppb
Beryllium	9-1	367.25	380.65	373.81	373.90	1.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	1522.81	1681.30	1716.32	1640.14	6.29	ppb
Boron	11-1	1509.94	1635.17	1741.47	1628.86	7.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	520.70	529.85	535.11	528.55	1.38	ppb
Cadmium	106-1	442.07	448.66	446.74	445.82	0.76	ppb
Cadmium	108-1	435.33	452.30	454.19	447.27	2.32	ppb
Calcium	43-1	194.99	152.91	185.39	177.76	12.40	ppb
Calcium	44-1	90.83	85.31	71.76	82.63	11.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138.38	134.94	138.78	137.37	1.54	ppb
Cobalt	59-2	450.30	446.76	449.55	448.87	0.42	ppb
Copper	63-2	432.74	432.99	435.13	433.62	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	3641.29	3546.63	3597.91	3595.28	1.32	ppb
Iron	57-2	3799.91	3702.85	3744.64	3749.13	1.30	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3874.72	3777.47	3866.41	3839.53	1.40	ppb
Krypton	83-1						cps
Lead	206-1	985.53	984.37	1000.23	990.04	0.89	ppb
Lead	207-1	975.74	979.35	997.48	984.19	1.18	ppb
Lead	208-1	977.93	985.84	991.62	985.13	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.50	0.51	0.58	0.53	7.55	ppb
Manganese	55-2	913.25	878.30	899.25	896.93	1.96	ppb
Molybdenum	94-1	171.62	171.21	170.35	171.06	0.38	ppb
Molybdenum	95-1	207.78	207.33	204.85	206.65	0.76	ppb
Molybdenum	96-1	203.32	202.29	200.10	201.90	0.81	ppb
Molybdenum	97-1	208.44	205.37	204.50	206.11	1.00	ppb
Molybdenum	98-1	206.67	207.70	202.50	205.62	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	568.54	561.60	573.43	567.86	1.05	ppb
Phosphorus	31-2	-9.24	-7.67	-11.38	-9.43		ppb
Potassium	39-2	9.28	8.69	18.95	12.31	46.80	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	206.00	205.27	203.17	204.81	0.72	ppb
Selenium	77-2	213.88	202.78	190.49	202.38	5.78	ppb
Selenium	78-2	211.80	200.77	205.64	206.07	2.68	ppb
Silicon	28-1	64.93	63.47	63.20	63.87	1.45	ppb
Silver	107-1	980.60	985.92	990.99	985.84	0.53	ppb
Silver	109-1	982.55	997.92	1004.94	995.14	1.15	ppb
Sodium	23-2	46.40	45.04	48.31	46.58	3.52	ppb
Strontium	86-1	287.63	283.74	279.42	283.60	1.45	ppb
Strontium	88-1	283.74	282.12	285.08	283.65	0.52	ppb
Sulfur	34-1	177.15	-437.06	-767.83	-342.58		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	271.06	276.92	276.05	274.68	1.15	ppb
Thallium	205-1	276.32	277.38	278.36	277.35	0.37	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.21	0.20	0.23	0.21	5.18	ppb
Titanium	47-1	0.06	0.13	0.03	0.07	70.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.21	ppb
Vanadium	51-2	1713.75	1674.29	1702.43	1696.82	1.20	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	637.44	622.76	631.75	630.65	1.17	ppb
Zirconium	90-1	0.05	0.05	0.06	0.06	13.69	ppb
Zirconium	91-1	0.32	0.21	0.26	0.27	19.75	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.92	92.44	90.09	91.48	1.35	ppb
Antimony	121-1	0.11	0.14	0.14	0.13	16.14	ppb
Arsenic	75-2	0.03	0.05	0.06	0.04	26.01	ppb
Barium	135-1	0.29	0.18	0.25	0.24	22.20	ppb
Barium	137-1	0.16	0.21	0.20	0.19	15.33	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	32.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	425.21	452.69	445.93	441.28	3.24	ppb
Boron	11-1	435.69	445.03	460.72	447.15	2.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.04	0.04	0.05	45.40	ppb
Cadmium	106-1	2.16	-0.29	-2.99	-0.37		ppb
Cadmium	108-1	-0.09	-0.31	-0.38	-0.26		ppb
Calcium	43-1	1.53	0.95	-1.74	0.24	714.91	ppb
Calcium	44-1	91.96	87.22	76.93	85.37	9.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.02	0.03	91.73	ppb
Cobalt	59-2	0.07	0.07	0.06	0.07	7.90	ppb
Copper	63-2	0.08	0.07	0.04	0.06	27.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	2.17	2.00	1.75	1.97	10.72	ppb
Iron	57-2	1.19	1.91	2.53	1.88	35.64	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.25	2.47	1.55	1.76	35.94	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.54	0.63	0.52	21.74	ppb
Lead	207-1	0.42	0.53	0.60	0.52	17.03	ppb
Lead	208-1	0.43	0.52	0.62	0.52	18.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.89	0.90	0.98	0.92	5.64	ppb
Manganese	55-2	0.06	0.04	0.07	0.06	27.14	ppb
Molybdenum	94-1	2.93	2.76	2.80	2.83	3.15	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	22.00	ppb
Molybdenum	96-1	0.35	0.39	0.34	0.36	7.43	ppb
Molybdenum	97-1	0.03	0.06	0.04	0.04	31.88	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.05	20.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.36	0.46	0.41	11.93	ppb
Phosphorus	31-2	-8.95	-5.57	-8.56	-7.69		ppb
Potassium	39-2	15.97	16.11	10.80	14.29	21.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	1.15	2.93	1.70	1.92	47.36	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.17	0.97	0.44	102.98	ppb
Silicon	28-1	2061.55	2092.77	2116.77	2090.36	1.32	ppb
Silver	107-1	0.31	0.24	0.20	0.25	20.98	ppb
Silver	109-1	0.34	0.20	0.18	0.24	36.73	ppb
Sodium	23-2	253.03	255.92	253.16	254.04	0.64	ppb
Strontium	86-1	0.61	0.65	0.38	0.55	26.44	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	22.25	ppb
Sulfur	34-1	-1703.40	-1914.86	-2041.81	-1886.69		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.32	0.30	0.31	3.94	ppb
Thallium	205-1	0.38	0.37	0.34	0.36	6.30	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	15.94	ppb
Tin	118-1	1780.39	1860.98	1872.66	1838.01	2.73	ppb
Titanium	47-1	282.78	292.60	289.36	288.25	1.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.69	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	11.58	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	0.22	0.35	0.28	0.29	22.03	ppb
Zirconium	90-1	1.48	1.56	1.50	1.51	2.80	ppb
Zirconium	91-1	1.49	1.54	1.59	1.54	3.39	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.06	-0.29	-0.13		ppb
Antimony	121-1	0.03	0.02	0.04	0.03	24.82	ppb
Arsenic	75-2	0.06	0.04	0.03	0.04	39.93	ppb
Barium	135-1	0.36	0.34	0.31	0.34	6.88	ppb
Barium	137-1	0.32	0.33	0.35	0.34	4.83	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	61.98	ppb
Bismuth	209-1				186		%
Bismuth	209-2				176		%
Boron	10-1	31.85	30.83	30.30	30.99	2.54	ppb
Boron	11-1	31.71	28.94	30.73	30.46	4.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.08	0.08	0.08	3.14	ppb
Cadmium	106-1	-0.37	0.48	1.86	0.66	171.08	ppb
Cadmium	108-1	-0.45	-0.41	-0.50	-0.45		ppb
Calcium	43-1	52514.39	54273.84	52600.71	53129.65	1.87	ppb
Calcium	44-1	51996.78	53754.23	52096.63	52615.88	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.37	-0.37	-0.36	-0.37		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	70.01	ppb
Copper	63-2	-0.04	-0.03	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				196		%
Holmium	165-2				185		%
Indium	115-1				198		%
Indium	115-2				191		%
Iron	56-2	-0.98	-1.03	-1.07	-1.02		ppb
Iron	57-2	135.94	143.88	145.96	141.93	3.73	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-5.31	-5.33	-5.57	-5.40		ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.44	0.48	0.45	5.66	ppb
Lead	207-1	0.45	0.41	0.48	0.45	7.34	ppb
Lead	208-1	0.42	0.42	0.48	0.44	7.46	ppb
Lithium	6-1				186		%
Magnesium	24-2	29499.53	29434.08	29252.58	29395.40	0.44	ppb
Manganese	55-2	0.10	0.09	0.11	0.10	7.92	ppb
Molybdenum	94-1	3.64	3.58	3.49	3.57	2.09	ppb
Molybdenum	95-1	4.44	4.27	4.42	4.38	2.22	ppb
Molybdenum	96-1	4.38	4.42	4.33	4.38	1.00	ppb
Molybdenum	97-1	4.30	4.48	4.39	4.39	2.08	ppb
Molybdenum	98-1	4.42	4.35	4.50	4.42	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.04	0.03	38.80	ppb
Phosphorus	31-2	-24.09	-23.77	-22.93	-23.60		ppb
Potassium	39-2	29372.51	29294.23	29952.85	29539.87	1.22	ppb
Rhodium	103-1				195		%
Rhodium	103-2				187		%
Scandium	45-1				206		%
Scandium	45-2				200		%
Selenium	82-1	1.54	0.30	1.42	1.08	63.18	ppb
Selenium	77-2	0.12	0.00	0.00	0.04	173.21	ppb
Selenium	78-2	-2.59	-2.71	-2.75	-2.68		ppb
Silicon	28-1	-32.80	-33.57	-34.29	-33.55		ppb
Silver	107-1	0.07	0.06	0.06	0.06	10.68	ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.71	ppb
Sodium	23-2	24895.71	24710.22	24823.25	24809.72	0.38	ppb
Strontium	86-1	4.59	4.92	4.72	4.74	3.48	ppb
Strontium	88-1	8.39	8.67	8.64	8.57	1.81	ppb
Sulfur	34-1	-5057.99	-4593.53	-4369.06	-4673.52		ppb
Terbium	159-1				198		%
Terbium	159-2				188		%
Thallium	203-1	0.02	0.00	0.02	0.01	109.27	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	24.64	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.08	0.03	0.06	46.58	ppb
Titanium	47-1	0.03	0.00	-0.01	0.01	260.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.03	0.03	21.87	ppb
Yttrium	89-1				203		%
Yttrium	89-2				196		%
Zinc	66-2	0.17	0.19	0.14	0.17	13.48	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.08	-0.06	0.05	437.41	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.42	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	195.89	ppb
Barium	135-1	0.20	0.16	0.22	0.19	17.14	ppb
Barium	137-1	0.13	0.14	0.14	0.14	3.20	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	371.51	ppb
Bismuth	209-1				121		%
Bismuth	209-2				123		%
Boron	10-1	37.66	32.37	33.32	34.45	8.18	ppb
Boron	11-1	36.97	32.10	30.66	33.24	9.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.05	0.06	0.05	10.45	ppb
Cadmium	106-1	3.10	1.67	0.97	1.92	56.58	ppb
Cadmium	108-1	-0.46	-0.35	-0.49	-0.43		ppb
Calcium	43-1	29510.19	29631.65	29030.15	29390.66	1.08	ppb
Calcium	44-1	27121.46	27658.74	27218.15	27332.78	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.18	-0.15	-0.19	-0.17		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.02	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				127		%
Indium	115-1				128		%
Indium	115-2				132		%
Iron	56-2	0.23	0.25	0.52	0.33	48.79	ppb
Iron	57-2	72.96	71.42	78.50	74.29	5.01	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.76	-2.94	-2.48	-2.73		ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.63	0.63	0.63	0.83	ppb
Lead	207-1	0.60	0.63	0.60	0.61	3.16	ppb
Lead	208-1	0.60	0.62	0.63	0.62	2.00	ppb
Lithium	6-1				122		%
Magnesium	24-2	15031.19	14666.27	14752.15	14816.54	1.29	ppb
Manganese	55-2	0.07	0.04	0.07	0.06	27.44	ppb
Molybdenum	94-1	1.94	1.94	1.89	1.92	1.41	ppb
Molybdenum	95-1	2.26	2.28	2.27	2.27	0.44	ppb
Molybdenum	96-1	2.12	2.26	2.05	2.14	4.91	ppb
Molybdenum	97-1	2.11	2.30	2.28	2.23	4.77	ppb
Molybdenum	98-1	2.23	2.23	2.21	2.22	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	49.74	ppb
Phosphorus	31-2	-14.49	-18.56	-20.48	-17.84		ppb
Potassium	39-2	15207.41	15236.45	14955.13	15133.00	1.02	ppb
Rhodium	103-1				128		%
Rhodium	103-2				131		%
Scandium	45-1				133		%
Scandium	45-2				138		%
Selenium	82-1	3.04	1.12	2.17	2.11	45.42	ppb
Selenium	77-2	0.18	0.18	0.00	0.12	86.61	ppb
Selenium	78-2	-0.96	-0.90	-0.23	-0.70		ppb
Silicon	28-1	-11.22	-12.78	-12.32	-12.11		ppb
Silver	107-1	0.02	0.01	0.01	0.01	46.58	ppb
Silver	109-1	0.03	0.02	0.02	0.02	10.01	ppb
Sodium	23-2	12756.39	12437.39	12325.63	12506.47	1.79	ppb
Strontium	86-1	2.99	3.09	3.25	3.11	4.20	ppb
Strontium	88-1	4.46	4.49	4.42	4.46	0.76	ppb
Sulfur	34-1	-581.88	-656.00	-717.96	-651.95		ppb
Terbium	159-1				126		%
Terbium	159-2				129		%
Thallium	203-1	0.10	0.10	0.08	0.09	9.13	ppb
Thallium	205-1	0.17	0.15	0.14	0.15	8.30	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	-0.05	0.04	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	763.35	ppb
Yttrium	89-1				131		%
Yttrium	89-2				135		%
Zinc	66-2	0.15	0.15	0.23	0.18	28.13	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	251.52	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	77.49	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.07	0.08	0.00	2413.42	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	241.50	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	44.25	ppb
Barium	135-1	0.12	0.17	0.16	0.15	18.55	ppb
Barium	137-1	0.15	0.12	0.16	0.14	14.28	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	56.19	ppb
Bismuth	209-1				124		%
Bismuth	209-2				123		%
Boron	10-1	20.47	19.65	18.84	19.65	4.14	ppb
Boron	11-1	21.23	19.19	20.18	20.20	5.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.04	0.03	0.04	23.99	ppb
Cadmium	106-1	1.18	2.17	0.13	1.16	87.81	ppb
Cadmium	108-1	-0.41	-0.52	-0.54	-0.49		ppb
Calcium	43-1	28264.91	28632.83	28682.48	28526.74	0.80	ppb
Calcium	44-1	26577.29	26407.89	26676.35	26553.84	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.18	-0.15	-0.18	-0.17		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				128		%
Indium	115-1				131		%
Indium	115-2				131		%
Iron	56-2	0.36	0.39	0.40	0.39	6.03	ppb
Iron	57-2	71.45	69.76	73.48	71.56	2.60	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-3.54	-3.04	-2.85	-3.14		ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.56	0.52	0.54	3.29	ppb
Lead	207-1	0.51	0.50	0.49	0.50	1.47	ppb
Lead	208-1	0.52	0.53	0.50	0.52	2.27	ppb
Lithium	6-1				124		%
Magnesium	24-2	14493.90	15003.30	15095.20	14864.14	2.18	ppb
Manganese	55-2	0.05	0.05	0.04	0.05	12.30	ppb
Molybdenum	94-1	1.86	1.90	1.86	1.87	1.24	ppb
Molybdenum	95-1	2.24	2.20	2.21	2.22	0.86	ppb
Molybdenum	96-1	2.14	2.11	2.20	2.15	2.04	ppb
Molybdenum	97-1	2.30	2.32	2.18	2.27	3.35	ppb
Molybdenum	98-1	2.19	2.21	2.21	2.20	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	119.98	ppb
Phosphorus	31-2	-16.83	-16.68	-26.07	-19.86		ppb
Potassium	39-2	14962.24	15201.64	15227.27	15130.38	0.97	ppb
Rhodium	103-1				130		%
Rhodium	103-2				129		%
Scandium	45-1				137		%
Scandium	45-2				135		%
Selenium	82-1	0.98	1.57	0.78	1.11	36.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.36	-0.76	-0.61	-0.58		ppb
Silicon	28-1	-15.36	-17.36	-15.94	-16.22		ppb
Silver	107-1	0.01	0.02	0.01	0.01	49.47	ppb
Silver	109-1	0.01	0.02	0.02	0.02	23.68	ppb
Sodium	23-2	12191.08	12389.22	12628.85	12403.05	1.77	ppb
Strontium	86-1	2.87	3.55	3.10	3.17	10.94	ppb
Strontium	88-1	4.26	4.28	4.39	4.31	1.67	ppb
Sulfur	34-1	-984.45	-1021.96	-861.62	-956.01		ppb
Terbium	159-1				129		%
Terbium	159-2				129		%
Thallium	203-1	0.14	0.12	0.08	0.12	28.97	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	9.23	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.06	-0.01	-0.04		ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	1411.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				132		%
Yttrium	89-2				133		%
Zinc	66-2	0.12	0.14	0.08	0.11	25.69	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	190.44	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.02	0.09	-0.01		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	554.72	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.09	0.06	0.03	0.06	55.37	ppb
Barium	137-1	0.04	0.06	0.06	0.05	18.29	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	17.43	17.68	17.27	17.46	1.19	ppb
Boron	11-1	18.06	18.22	16.98	17.75	3.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.03	0.03	0.03	13.91	ppb
Cadmium	106-1	1.35	1.14	1.05	1.18	13.29	ppb
Cadmium	108-1	-0.43	-0.43	-0.35	-0.41		ppb
Calcium	43-1	11202.36	11728.04	11669.58	11533.33	2.50	ppb
Calcium	44-1	10443.07	10949.50	10982.93	10791.83	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.08	-0.11	-0.09		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.01	0.01	-0.01	0.01	207.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				116		%
Iron	56-2	0.75	0.91	0.98	0.88	13.33	ppb
Iron	57-2	29.11	29.90	29.08	29.37	1.58	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.64	-0.21	-0.83	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.53	0.53	0.54	2.64	ppb
Lead	207-1	0.56	0.51	0.50	0.52	5.86	ppb
Lead	208-1	0.53	0.51	0.51	0.51	2.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	6031.40	6119.99	6185.17	6112.18	1.26	ppb
Manganese	55-2	0.03	0.03	0.03	0.03	11.31	ppb
Molybdenum	94-1	0.67	0.73	0.79	0.73	8.26	ppb
Molybdenum	95-1	0.77	0.93	0.93	0.88	10.36	ppb
Molybdenum	96-1	0.87	0.89	0.78	0.85	7.00	ppb
Molybdenum	97-1	0.75	0.92	0.91	0.86	10.69	ppb
Molybdenum	98-1	0.81	0.89	0.95	0.88	7.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	159.42	ppb
Phosphorus	31-2	-3.00	4.32	-5.22	-1.30		ppb
Potassium	39-2	6125.07	6136.20	6342.96	6201.41	1.98	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	1.89	-0.45	3.33	1.59	119.95	ppb
Selenium	77-2	0.21	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	0.37	0.06	0.87	0.43	95.40	ppb
Silicon	28-1	-7.52	-8.02	-7.11	-7.55		ppb
Silver	107-1	0.00	0.00	0.01	0.01	67.41	ppb
Silver	109-1	0.01	0.00	0.01	0.01	39.59	ppb
Sodium	23-2	5046.68	5134.82	5170.25	5117.25	1.24	ppb
Strontium	86-1	1.56	1.47	1.43	1.48	4.50	ppb
Strontium	88-1	1.69	1.76	1.77	1.74	2.29	ppb
Sulfur	34-1	425.40	280.85	352.73	352.99	20.48	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.24	0.19	0.20	0.21	12.87	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	3.70	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb
Titanium	47-1	-0.04	-0.02	0.06	0.00	562364.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	345.29	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	0.18	0.13	0.26	0.19	35.76	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.03	0.00	474.52	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50236.06	50396.52	48916.65	49849.74	1.63	ppb
Antimony	121-1	470.82	503.35	505.31	493.16	3.93	ppb
Arsenic	75-2	488.87	479.68	485.64	484.73	0.96	ppb
Barium	135-1	2434.00	2498.06	2584.60	2505.56	3.02	ppb
Barium	137-1	2413.25	2523.31	2605.63	2514.06	3.84	ppb
Beryllium	9-1	493.63	507.72	518.17	506.50	2.43	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	479.30	517.07	543.85	513.41	6.32	ppb
Boron	11-1	466.16	524.71	546.79	512.55	8.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	461.88	488.55	503.36	484.60	4.34	ppb
Cadmium	106-1	469.45	479.25	506.22	484.98	3.93	ppb
Cadmium	108-1	462.40	475.40	501.53	479.78	4.15	ppb
Calcium	43-1	237809.62	249029.37	251913.57	246250.85	3.03	ppb
Calcium	44-1	240956.89	250863.07	252868.35	248229.44	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.79	489.91	491.14	491.28	0.29	ppb
Cobalt	59-2	481.48	482.11	473.35	478.98	1.02	ppb
Copper	63-2	5033.05	4990.44	4986.12	5003.20	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	121672.24	122426.95	120082.86	121394.01	0.99	ppb
Iron	57-2	119016.13	121309.23	119378.33	119901.23	1.03	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121647.16	120870.05	119347.76	120621.66	0.97	ppb
Krypton	83-1						cps
Lead	206-1	2525.86	2563.96	2628.32	2572.72	2.01	ppb
Lead	207-1	2500.70	2546.13	2588.94	2545.25	1.73	ppb
Lead	208-1	2472.22	2552.46	2594.81	2539.83	2.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	246587.05	250364.89	246375.12	247775.69	0.91	ppb
Manganese	55-2	4830.79	4798.62	4760.05	4796.49	0.74	ppb
Molybdenum	94-1	4754.61	4973.94	5116.90	4948.48	3.69	ppb
Molybdenum	95-1	4787.31	4950.94	5081.21	4939.82	2.98	ppb
Molybdenum	96-1	4778.46	4938.89	5052.76	4923.37	2.80	ppb
Molybdenum	97-1	4814.22	4893.23	5082.76	4930.07	2.80	ppb
Molybdenum	98-1	4748.01	4917.56	5029.06	4898.21	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.15	475.03	468.04	472.41	0.81	ppb
Phosphorus	31-2	9743.99	9914.56	9527.42	9728.66	1.99	ppb
Potassium	39-2	122849.20	122264.86	119755.29	121623.12	1.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	458.43	461.26	479.90	466.53	2.50	ppb
Selenium	77-2	479.09	481.68	478.67	479.81	0.34	ppb
Selenium	78-2	473.15	472.45	470.38	471.99	0.30	ppb
Silicon	28-1	468.01	512.39	530.59	503.66	6.39	ppb
Silver	107-1	470.81	484.79	512.95	489.52	4.38	ppb
Silver	109-1	470.56	491.52	510.31	490.80	4.05	ppb
Sodium	23-2	250614.44	250004.19	245777.50	248798.71	1.06	ppb
Strontium	86-1	484.77	497.16	516.73	499.55	3.23	ppb
Strontium	88-1	484.87	496.81	513.58	498.42	2.89	ppb
Sulfur	34-1	9413.28	9412.59	9704.27	9510.05	1.77	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	498.94	516.63	514.68	510.08	1.90	ppb
Thallium	205-1	498.43	502.41	522.46	507.77	2.54	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	486.87	512.99	516.58	505.48	3.21	ppb
Tin	118-1	478.40	497.66	514.19	496.75	3.61	ppb
Titanium	47-1	4690.40	4893.82	5034.01	4872.74	3.55	ppb
Uranium	238-1	489.54	510.17	518.58	506.10	2.95	ppb
Vanadium	51-2	486.68	494.62	485.04	488.78	1.05	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	4956.07	4956.57	4909.88	4940.84	0.54	ppb
Zirconium	90-1	482.93	503.68	509.46	498.69	2.80	ppb
Zirconium	91-1	492.93	504.51	526.83	508.09	3.39	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 19:08:22	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.22	0.04	0.15	65.02	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	23.26	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	4121.41	ppb
Barium	135-1	0.02	0.02	0.02	0.02	16.32	ppb
Barium	137-1	0.01	0.02	0.01	0.02	41.81	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	32.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	7.75	8.82	7.21	7.93	10.33	ppb
Boron	11-1	7.89	8.39	7.38	7.89	6.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-1.81	-1.40	-2.04	-1.75		ppb
Cadmium	108-1	-0.13	-0.17	-0.03	-0.11		ppb
Calcium	43-1	-1.37	-3.34	-0.98	-1.90		ppb
Calcium	44-1	75.95	67.10	67.47	70.17	7.13	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	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.05	0.05	0.05	11.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	0.90	1.35	1.04	1.10	21.00	ppb
Iron	57-2	1.08	1.76	0.18	1.01	78.71	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 19:08:22	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.14	1.21	-0.05	0.76	92.55	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	10.38	ppb
Lead	207-1	0.06	0.07	0.07	0.07	6.29	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.62	2.04	1.44	1.70	18.24	ppb
Manganese	55-2	0.03	0.04	0.05	0.04	27.71	ppb
Molybdenum	94-1	0.08	0.03	0.08	0.06	44.46	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.06	16.71	ppb
Molybdenum	96-1	0.03	0.06	0.10	0.06	59.37	ppb
Molybdenum	97-1	0.08	0.08	0.06	0.07	19.67	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	20.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-6.10	-8.71	-8.23	-7.68		ppb
Potassium	39-2	11.26	12.03	15.95	13.08	19.20	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	1.95	-1.38	-0.72	-0.05		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.70	0.59	0.98	0.76	26.61	ppb
Silicon	28-1	-2.24	-4.99	-2.44	-3.22		ppb
Silver	107-1	0.03	0.01	0.01	0.02	62.40	ppb
Silver	109-1	0.02	0.01	0.02	0.02	26.62	ppb
Sodium	23-2	24.60	24.31	23.61	24.17	2.10	ppb
Strontium	86-1	-0.10	-0.01	0.25	0.05	388.14	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	95.38	ppb
Sulfur	34-1	-361.38	-657.42	-410.71	-476.51		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.10	0.06	0.08	24.69	ppb
Thallium	205-1	0.12	0.11	0.08	0.10	20.09	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 19:08:22	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.00	13.75	ppb
Tin	118-1	0.01	0.00	0.03	0.01	126.96	ppb
Titanium	47-1	-0.01	0.07	0.02	0.03	153.06	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	82.07	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	253.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.07	0.10	0.19	0.12	51.09	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	25.68	ppb
Zirconium	91-1	0.01	-0.01	0.03	0.01	225.29	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.21	0.09	-0.01		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	107.32	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.10	0.05	0.07	0.07	31.90	ppb
Barium	137-1	0.05	0.08	0.08	0.07	26.06	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	39.55	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	5.75	5.46	6.68	5.96	10.67	ppb
Boron	11-1	5.16	4.69	5.36	5.07	6.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	0.01	0.01	81.64	ppb
Cadmium	106-1	0.44	-0.97	-0.02	-0.18		ppb
Cadmium	108-1	-0.38	-0.47	-0.26	-0.37		ppb
Calcium	43-1	11017.03	11493.84	11944.52	11485.13	4.04	ppb
Calcium	44-1	10375.68	10818.55	11175.25	10789.83	3.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.11	-0.08	-0.08		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	0.01	0.02	40.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	56-2	0.21	0.09	0.19	0.16	40.88	ppb
Iron	57-2	31.40	30.23	30.81	30.81	1.90	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.65	-0.52	-2.06	-1.41		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.11	0.09	23.76	ppb
Lead	207-1	0.07	0.07	0.09	0.08	16.14	ppb
Lead	208-1	0.06	0.08	0.09	0.08	18.99	ppb
Lithium	6-1				112		%
Magnesium	24-2	6113.27	6290.43	6210.52	6204.74	1.43	ppb
Manganese	55-2	0.02	0.04	0.04	0.03	34.91	ppb
Molybdenum	94-1	0.75	0.83	0.69	0.76	9.33	ppb
Molybdenum	95-1	0.87	0.90	0.89	0.89	2.13	ppb
Molybdenum	96-1	0.85	0.78	0.92	0.85	8.09	ppb
Molybdenum	97-1	0.94	0.99	0.83	0.92	8.71	ppb
Molybdenum	98-1	0.90	0.92	1.02	0.95	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	5.31	-17.89	-17.00	-9.86		ppb
Potassium	39-2	6390.57	6383.18	6232.22	6335.32	1.41	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	-1.07	3.66	-1.26	0.44	628.80	ppb
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	1.02	-0.13	-0.65	0.08	1062.11	ppb
Silicon	28-1	-9.45	-9.48	-7.63	-8.85		ppb
Silver	107-1	0.01	0.00	0.01	0.00	77.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.10	ppb
Sodium	23-2	5131.83	5184.32	5282.61	5199.58	1.47	ppb
Strontium	86-1	0.58	0.74	1.32	0.88	44.17	ppb
Strontium	88-1	1.72	1.73	1.83	1.76	3.31	ppb
Sulfur	34-1	-1233.57	-1145.87	-841.15	-1073.53		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.12	0.13	0.16	0.14	12.09	ppb
Thallium	205-1	0.11	0.13	0.15	0.13	15.58	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	53.99	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	-0.02	0.05	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	167.57	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	0.07	0.12	0.19	0.13	46.43	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	284.64	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	61.99	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1418.92	1421.08	1422.16	1420.72	0.12	ppb
Antimony	121-1	149.41	170.69	172.61	164.24	7.84	ppb
Arsenic	75-2	318.54	324.02	317.80	320.12	1.06	ppb
Barium	135-1	484.70	567.41	565.19	539.10	8.74	ppb
Barium	137-1	488.37	560.05	566.30	538.24	8.05	ppb
Beryllium	9-1	158.13	176.24	181.92	172.10	7.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	618.05	781.29	822.55	740.63	14.60	ppb
Boron	11-1	622.84	778.70	833.93	745.16	14.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	227.73	267.46	264.88	253.36	8.77	ppb
Cadmium	106-1	191.04	226.67	228.06	215.26	9.75	ppb
Cadmium	108-1	196.11	229.58	225.90	217.20	8.45	ppb
Calcium	43-1	86.76	87.69	86.53	87.00	0.71	ppb
Calcium	44-1	33.81	60.52	49.97	48.10	27.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.91	66.98	66.88	67.26	0.85	ppb
Cobalt	59-2	219.01	220.36	220.20	219.86	0.34	ppb
Copper	63-2	214.15	214.03	216.46	214.88	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	1781.31	1765.98	1760.42	1769.24	0.61	ppb
Iron	57-2	1818.95	1815.53	1789.91	1808.13	0.88	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1895.20	1913.07	1934.61	1914.30	1.03	ppb
Krypton	83-1						cps
Lead	206-1	431.41	477.90	498.87	469.39	7.36	ppb
Lead	207-1	427.18	473.03	495.42	465.21	7.48	ppb
Lead	208-1	428.44	473.88	491.14	464.49	6.97	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.27	0.27	1.91	0.82	116.25	ppb
Manganese	55-2	457.61	454.89	454.84	455.78	0.35	ppb
Molybdenum	94-1	71.62	84.59	87.23	81.15	10.30	ppb
Molybdenum	95-1	87.72	101.33	103.15	97.40	8.66	ppb
Molybdenum	96-1	86.48	99.14	102.09	95.90	8.64	ppb
Molybdenum	97-1	86.20	100.98	102.99	96.72	9.48	ppb
Molybdenum	98-1	87.43	101.04	102.66	97.04	8.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	278.91	273.96	278.77	277.21	1.02	ppb
Phosphorus	31-2	-3.60	-16.09	-5.40	-8.36		ppb
Potassium	39-2	9.09	2.75	10.98	7.61	56.71	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	85.88	101.85	103.28	97.01	9.96	ppb
Selenium	77-2	101.15	98.15	97.39	98.89	2.01	ppb
Selenium	78-2	100.10	102.81	105.84	102.91	2.79	ppb
Silicon	28-1	20.64	29.81	29.22	26.56	19.34	ppb
Silver	107-1	428.69	491.65	504.30	474.88	8.53	ppb
Silver	109-1	429.94	502.48	498.53	476.98	8.55	ppb
Sodium	23-2	30.50	27.78	32.07	30.12	7.20	ppb
Strontium	86-1	121.65	141.26	143.16	135.36	8.80	ppb
Strontium	88-1	120.53	137.53	140.89	132.98	8.21	ppb
Sulfur	34-1	-910.94	-479.51	-715.11	-701.85		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	120.74	131.89	138.85	130.49	7.00	ppb
Thallium	205-1	119.89	132.08	141.63	131.20	8.31	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.12	0.12	0.10	30.42	ppb
Titanium	47-1	0.10	0.06	0.07	0.08	22.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	127.16	ppb
Vanadium	51-2	853.69	835.58	827.22	838.83	1.61	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	310.50	310.99	312.31	311.27	0.30	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	13.72	ppb
Zirconium	91-1	0.10	0.13	0.16	0.13	21.45	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1433.34	1440.91	1452.70	1442.32	0.68	ppb
Antimony	121-1	157.69	170.14	172.37	166.74	4.74	ppb
Arsenic	75-2	317.12	314.78	321.80	317.90	1.12	ppb
Barium	135-1	524.73	561.11	568.80	551.55	4.27	ppb
Barium	137-1	514.92	569.30	565.51	549.91	5.52	ppb
Beryllium	9-1	173.21	178.31	187.22	179.58	3.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	747.78	843.02	884.03	824.94	8.47	ppb
Boron	11-1	760.51	844.36	884.85	829.90	7.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	241.53	265.61	265.09	257.41	5.34	ppb
Cadmium	106-1	205.33	217.16	217.26	213.25	3.22	ppb
Cadmium	108-1	209.85	223.79	228.10	220.58	4.33	ppb
Calcium	43-1	72.60	89.37	90.01	83.99	11.75	ppb
Calcium	44-1	38.54	58.61	48.59	48.58	20.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.08	67.78	68.81	67.89	1.28	ppb
Cobalt	59-2	222.27	221.52	225.71	223.17	1.00	ppb
Copper	63-2	215.01	214.74	218.00	215.92	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	1789.42	1738.20	1787.59	1771.74	1.64	ppb
Iron	57-2	1859.07	1844.28	1834.36	1845.90	0.67	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1882.36	1917.05	1938.17	1912.53	1.47	ppb
Krypton	83-1						cps
Lead	206-1	455.90	493.41	490.74	480.02	4.36	ppb
Lead	207-1	461.42	491.13	498.21	483.59	4.04	ppb
Lead	208-1	453.75	488.71	491.05	477.84	4.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.47	0.23	0.14	0.28	60.26	ppb
Manganese	55-2	459.06	455.26	461.70	458.67	0.71	ppb
Molybdenum	94-1	80.58	86.44	86.37	84.46	3.98	ppb
Molybdenum	95-1	95.90	104.34	106.00	102.08	5.31	ppb
Molybdenum	96-1	93.63	103.40	104.02	100.35	5.80	ppb
Molybdenum	97-1	94.96	103.43	105.90	101.43	5.66	ppb
Molybdenum	98-1	94.60	103.57	105.41	101.19	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	278.79	276.61	282.02	279.14	0.98	ppb
Phosphorus	31-2	-16.37	-9.20	-13.77	-13.11		ppb
Potassium	39-2	9.25	12.97	1.74	7.99	71.61	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	96.74	101.60	98.43	98.92	2.50	ppb
Selenium	77-2	104.29	113.67	108.38	108.78	4.32	ppb
Selenium	78-2	103.45	97.21	100.17	100.28	3.11	ppb
Silicon	28-1	24.82	30.57	28.45	27.95	10.40	ppb
Silver	107-1	454.51	493.69	497.47	481.89	4.94	ppb
Silver	109-1	456.43	494.18	498.77	483.13	4.81	ppb
Sodium	23-2	30.12	27.86	28.97	28.98	3.90	ppb
Strontium	86-1	131.37	144.02	143.00	139.46	5.04	ppb
Strontium	88-1	131.30	139.85	140.19	137.12	3.68	ppb
Sulfur	34-1	-1508.25	-1337.26	-1555.84	-1467.12		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	128.48	137.90	137.12	134.50	3.89	ppb
Thallium	205-1	126.94	138.00	138.16	134.37	4.79	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.10	0.12	0.10	16.77	ppb
Titanium	47-1	0.13	0.04	0.14	0.10	55.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	69.97	ppb
Vanadium	51-2	842.53	833.98	858.17	844.89	1.45	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	313.86	307.98	313.88	311.91	1.09	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	26.21	ppb
Zirconium	91-1	0.11	0.09	0.11	0.11	10.54	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.18	46.81	45.91	46.30	0.99	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	25.04	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	100.56	ppb
Barium	135-1	0.11	0.13	0.11	0.11	10.68	ppb
Barium	137-1	0.09	0.10	0.11	0.10	8.87	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	92.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	188.03	208.80	202.13	199.65	5.31	ppb
Boron	11-1	191.65	206.14	200.03	199.28	3.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.03	0.03	0.02	32.39	ppb
Cadmium	106-1	-0.43	-1.00	-1.16	-0.86		ppb
Cadmium	108-1	-0.38	-0.51	-0.45	-0.45		ppb
Calcium	43-1	0.89	2.68	1.74	1.77	50.40	ppb
Calcium	44-1	38.47	53.25	42.19	44.64	17.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.04	0.03	59.21	ppb
Cobalt	59-2	0.03	0.06	0.02	0.04	51.79	ppb
Copper	63-2	0.03	0.10	0.05	0.06	62.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	1.20	4.71	1.09	2.33	88.23	ppb
Iron	57-2	1.30	2.16	2.37	1.95	29.14	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.02	1.79	-0.65	0.38	337.52	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.19	0.24	0.18	34.98	ppb
Lead	207-1	0.14	0.19	0.21	0.18	18.09	ppb
Lead	208-1	0.12	0.19	0.23	0.18	30.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.58	0.80	0.51	0.63	23.53	ppb
Manganese	55-2	0.04	0.18	0.05	0.09	84.01	ppb
Molybdenum	94-1	1.44	1.44	1.41	1.43	1.20	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	40.20	ppb
Molybdenum	96-1	0.17	0.18	0.18	0.18	2.76	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	28.34	ppb
Molybdenum	98-1	0.03	0.03	0.01	0.03	43.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.24	0.20	0.21	12.51	ppb
Phosphorus	31-2	-6.06	-11.87	-16.84	-11.59		ppb
Potassium	39-2	7.46	8.80	11.05	9.10	19.92	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	0.73	-1.13	-4.02	-1.48		ppb
Selenium	77-2	0.22	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	0.67	1.05	-0.40	0.44	170.24	ppb
Silicon	28-1	1004.94	1055.61	1057.37	1039.31	2.86	ppb
Silver	107-1	0.08	0.08	0.06	0.07	14.98	ppb
Silver	109-1	0.08	0.07	0.07	0.08	8.51	ppb
Sodium	23-2	131.80	129.79	131.76	131.11	0.88	ppb
Strontium	86-1	0.10	-0.22	0.30	0.06	434.45	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	11.43	ppb
Sulfur	34-1	-1633.91	-1772.40	-1770.26	-1725.52		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.23	0.22	0.20	19.70	ppb
Thallium	205-1	0.21	0.24	0.25	0.23	9.64	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	23.29	ppb
Tin	118-1	885.99	933.70	915.20	911.63	2.64	ppb
Titanium	47-1	137.90	143.76	144.17	141.94	2.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.04	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	33.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.53	0.81	0.70	0.68	20.90	ppb
Zirconium	90-1	0.80	0.82	0.77	0.80	2.94	ppb
Zirconium	91-1	0.85	0.77	0.83	0.82	4.73	ppb

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : PB143621BL Instrumnet Name : P7
 Client Sample ID : PB143621BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 20:00:42 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.27	0.12	-0.05		ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.89	3.51	4.09	3.50	17.18	ppb
Boron	11-1	2.70	2.19	3.17	2.68	18.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.03	-0.03	-0.01		ppb
Cadmium	106-1	0.84	-1.01	-1.06	-0.41		ppb
Cadmium	108-1	-0.21	-0.08	0.06	-0.08		ppb
Calcium	43-1	-1.29	-0.30	2.40	0.27	701.93	ppb
Calcium	44-1	46.36	44.30	34.74	41.80	14.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.03	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.32	0.21	0.28	0.27	19.76	ppb
Iron	57-2	-0.89	1.27	1.22	0.53	230.89	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BL	Instrumnet Name :	P7
Client Sample ID :	PB143621BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:00:42	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.51	-0.85	0.76	-0.87		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	12.27	ppb
Lead	207-1	0.03	0.03	0.03	0.03	11.15	ppb
Lead	208-1	0.02	0.01	0.02	0.02	14.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.20	0.01	0.05	0.09	114.88	ppb
Manganese	55-2	0.00	0.02	0.01	0.01	85.80	ppb
Molybdenum	94-1	0.01	-0.03	0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.04	-0.02	-0.03	-0.03		ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	-0.02	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-17.12	-12.09	-17.05	-15.42		ppb
Potassium	39-2	7.17	8.43	6.53	7.38	13.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	-0.39	1.06	-0.58	0.03	3140.54	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	0.16	0.96	0.29	207.00	ppb
Silicon	28-1	29.68	30.26	28.60	29.51	2.86	ppb
Silver	107-1	0.00	0.00	0.00	0.00	389.12	ppb
Silver	109-1	0.00	0.00	0.00	0.00	388.41	ppb
Sodium	23-2	7.12	6.62	6.05	6.59	8.07	ppb
Strontium	86-1	0.59	0.38	0.28	0.41	38.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	12729.62	ppb
Sulfur	34-1	-352.24	-727.62	-900.18	-660.01		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.07	-0.09	-0.10	-0.09		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BL	Instrumnet Name :	P7
Client Sample ID :	PB143621BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:00:42	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.00	-0.01	0.01	316.07	ppb
Titanium	47-1	-0.02	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	0.11	0.09	0.15	0.12	23.25	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.90	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BL	Instrumnet Name :	P7
Client Sample ID :	PB143622BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:03:35	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.29	0.12	0.11	180.41	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	35.15	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	3.54	4.97	3.98	4.17	17.58	ppb
Boron	11-1	2.52	2.89	3.48	2.96	16.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.02	-0.01	0.00	760.98	ppb
Cadmium	106-1	-0.44	1.29	0.59	0.48	181.58	ppb
Cadmium	108-1	-0.06	-0.35	-0.04	-0.15		ppb
Calcium	43-1	-2.06	-1.46	-2.10	-1.87		ppb
Calcium	44-1	9.55	15.57	27.70	17.60	52.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.01	0.01	86.25	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.02	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	0.14	0.22	0.15	0.17	25.30	ppb
Iron	57-2	0.00	0.88	1.72	0.87	98.77	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BL	Instrumnet Name :	P7
Client Sample ID :	PB143622BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:03:35	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.12	-0.03	0.73	0.19	246.76	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	493.55	ppb
Lead	207-1	0.02	0.01	0.01	0.01	23.11	ppb
Lead	208-1	0.01	0.00	0.01	0.01	48.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.02	0.01	0.04	0.02	56.18	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	20.03	ppb
Molybdenum	94-1	-0.06	-0.01	-0.03	-0.03		ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	192.85	ppb
Molybdenum	97-1	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-11.57	-7.78	-15.55	-11.63		ppb
Potassium	39-2	5.10	8.86	-0.74	4.41	109.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	-0.59	1.65	2.38	1.15	134.80	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.05	0.99	1.49	1.18	23.15	ppb
Silicon	28-1	23.06	26.33	28.04	25.81	9.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	168.19	ppb
Sodium	23-2	5.42	8.02	4.86	6.10	27.64	ppb
Strontium	86-1	-0.20	0.39	0.72	0.31	153.09	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1577.68	-1433.69	-985.07	-1332.15		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	-0.10	-0.07	-0.09	-0.09		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BL	Instrumnet Name :	P7
Client Sample ID :	PB143622BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:03:35	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.03	0.00	0.01	234.88	ppb
Titanium	47-1	-0.05	-0.03	0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	158.74	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	0.12	0.11	0.11	0.11	5.96	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	181.21	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.34	51.89	51.19	52.14	2.11	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	222.81	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.11	0.14	0.11	0.12	11.12	ppb
Barium	137-1	0.05	0.09	0.10	0.08	31.87	ppb
Beryllium	9-1	0.00	-0.01	0.02	0.01	263.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	144.27	155.19	166.55	155.34	7.17	ppb
Boron	11-1	139.17	157.17	172.10	156.15	10.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	0.00	0.00	-0.01		ppb
Cadmium	106-1	-2.41	0.68	0.24	-0.50		ppb
Cadmium	108-1	-0.17	-0.18	-0.28	-0.21		ppb
Calcium	43-1	4.77	6.00	3.97	4.91	20.82	ppb
Calcium	44-1	24.22	40.54	30.86	31.87	25.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.05	0.04	0.03	64.65	ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	30.63	ppb
Copper	63-2	0.08	0.08	0.07	0.08	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	1.41	1.37	1.41	1.40	1.55	ppb
Iron	57-2	2.21	1.22	1.81	1.75	28.45	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.82	0.97	1.55	1.11	34.61	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.19	0.21	0.18	25.15	ppb
Lead	207-1	0.09	0.15	0.23	0.15	45.41	ppb
Lead	208-1	0.11	0.17	0.22	0.16	35.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.53	0.59	0.63	0.58	9.03	ppb
Manganese	55-2	0.05	0.08	0.05	0.06	30.66	ppb
Molybdenum	94-1	1.20	1.38	1.40	1.32	8.51	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	82.63	ppb
Molybdenum	96-1	0.19	0.14	0.15	0.16	17.13	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.01	148.75	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	46.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.26	0.26	3.69	ppb
Phosphorus	31-2	-12.49	-20.46	-10.71	-14.55		ppb
Potassium	39-2	11.42	16.04	13.04	13.50	17.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	-0.59	0.03	1.78	0.40	303.57	ppb
Selenium	77-2	0.00	0.23	0.22	0.15	86.60	ppb
Selenium	78-2	0.91	1.35	0.63	0.97	37.75	ppb
Silicon	28-1	973.45	1092.79	1091.83	1052.69	6.52	ppb
Silver	107-1	0.00	0.01	0.01	0.00	121.81	ppb
Silver	109-1	0.00	0.00	0.00	0.00	56.45	ppb
Sodium	23-2	129.18	128.17	127.08	128.14	0.82	ppb
Strontium	86-1	0.18	0.58	0.34	0.37	54.92	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	22.57	ppb
Sulfur	34-1	-1557.27	-1193.48	-1301.66	-1350.80		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.16	0.19	0.15	31.98	ppb
Thallium	205-1	0.11	0.21	0.21	0.18	33.92	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	843.04	908.46	944.31	898.60	5.71	ppb
Titanium	47-1	131.09	146.00	144.64	140.58	5.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.02	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	54.47	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.96	1.25	1.09	1.10	12.94	ppb
Zirconium	90-1	0.73	0.81	0.82	0.79	6.09	ppb
Zirconium	91-1	0.74	0.90	0.73	0.79	11.87	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10294.94	10327.10	9907.28	10176.44	2.30	ppb
Antimony	121-1	481.21	501.10	494.06	492.12	2.05	ppb
Arsenic	75-2	511.89	520.74	501.05	511.23	1.93	ppb
Barium	135-1	2442.42	2528.28	2555.62	2508.77	2.35	ppb
Barium	137-1	2447.35	2502.22	2529.67	2493.08	1.68	ppb
Beryllium	9-1	474.86	509.26	522.85	502.32	4.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	448.08	517.76	531.30	499.05	8.95	ppb
Boron	11-1	455.13	517.18	527.15	499.82	7.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.51	521.83	515.52	511.29	2.58	ppb
Cadmium	106-1	488.61	505.53	509.47	501.21	2.21	ppb
Cadmium	108-1	486.48	508.64	506.58	500.57	2.45	ppb
Calcium	43-1	50316.92	52987.35	54051.70	52451.99	3.67	ppb
Calcium	44-1	46738.57	49101.06	50719.00	48852.88	4.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.33	529.15	497.63	512.37	3.10	ppb
Cobalt	59-2	520.77	512.74	508.49	514.00	1.21	ppb
Copper	63-2	5248.55	5207.22	5120.32	5192.03	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	27646.10	27384.29	26228.78	27086.39	2.78	ppb
Iron	57-2	27180.76	27380.91	26120.87	26894.18	2.52	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27563.64	27493.53	26137.69	27064.96	2.97	ppb
Krypton	83-1						cps
Lead	206-1	2356.20	2514.90	2567.01	2479.37	4.43	ppb
Lead	207-1	2377.56	2501.25	2580.73	2486.51	4.12	ppb
Lead	208-1	2376.97	2512.99	2535.07	2475.01	3.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	51709.59	51626.08	50051.55	51129.07	1.83	ppb
Manganese	55-2	5250.08	5285.45	4996.00	5177.17	3.05	ppb
Molybdenum	94-1	4683.65	4998.78	5207.82	4963.42	5.32	ppb
Molybdenum	95-1	4608.84	4975.58	5197.20	4927.21	6.03	ppb
Molybdenum	96-1	4678.42	4965.26	5269.55	4971.08	5.95	ppb
Molybdenum	97-1	4650.75	5018.38	5252.56	4973.90	6.10	ppb
Molybdenum	98-1	4564.52	5064.73	5216.84	4948.70	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.73	518.55	506.89	514.39	1.27	ppb
Phosphorus	31-2	10097.42	10238.75	10136.38	10157.52	0.72	ppb
Potassium	39-2	25503.62	25141.34	24772.32	25139.09	1.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	467.08	517.57	510.63	498.43	5.49	ppb
Selenium	77-2	522.53	548.72	504.52	525.26	4.23	ppb
Selenium	78-2	511.89	519.34	503.39	511.54	1.56	ppb
Silicon	28-1	488.76	534.29	563.31	528.79	7.11	ppb
Silver	107-1	490.25	515.91	509.33	505.16	2.64	ppb
Silver	109-1	495.76	510.91	501.75	502.81	1.52	ppb
Sodium	23-2	52851.96	53016.06	51516.36	52461.46	1.57	ppb
Strontium	86-1	465.98	515.14	513.98	498.37	5.63	ppb
Strontium	88-1	467.22	502.30	511.35	493.62	4.72	ppb
Sulfur	34-1	8755.25	9537.22	9858.71	9383.73	6.05	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	469.69	510.47	514.13	498.10	4.95	ppb
Thallium	205-1	480.76	496.17	504.14	493.69	2.41	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	463.79	490.94	500.21	484.98	3.90	ppb
Tin	118-1	494.79	507.12	513.41	505.11	1.88	ppb
Titanium	47-1	4584.42	4908.12	5025.57	4839.37	4.72	ppb
Uranium	238-1	455.68	490.07	487.14	477.63	3.99	ppb
Vanadium	51-2	520.95	516.94	498.54	512.14	2.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	5285.71	5281.82	5150.45	5239.33	1.47	ppb
Zirconium	90-1	466.01	495.27	509.23	490.17	4.50	ppb
Zirconium	91-1	478.27	508.32	521.02	502.54	4.37	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BS	Instrumnet Name :	P7
Client Sample ID :	PB143621BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:12:47	DataFile Name :	049DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10180.06	10044.59	9609.50	9944.72	3.00	ppb
Antimony	121-1	479.92	506.87	519.44	502.08	4.02	ppb
Arsenic	75-2	517.00	521.84	513.65	517.50	0.80	ppb
Barium	135-1	2453.66	2521.38	2584.88	2519.97	2.60	ppb
Barium	137-1	2421.06	2561.26	2592.86	2525.06	3.62	ppb
Beryllium	9-1	501.50	525.67	519.94	515.71	2.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	480.70	538.60	552.06	523.79	7.24	ppb
Boron	11-1	489.08	540.07	556.23	528.46	6.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	491.78	523.40	528.89	514.69	3.89	ppb
Cadmium	106-1	472.09	512.60	514.28	499.65	4.78	ppb
Cadmium	108-1	477.75	506.45	520.04	501.41	4.31	ppb
Calcium	43-1	51270.89	55116.13	55662.42	54016.48	4.43	ppb
Calcium	44-1	48030.57	50586.68	50661.80	49759.68	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.55	522.71	486.08	509.11	3.94	ppb
Cobalt	59-2	509.64	527.13	505.44	514.07	2.24	ppb
Copper	63-2	5236.15	5267.33	5066.75	5190.08	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	27147.77	26935.15	25865.11	26649.34	2.58	ppb
Iron	57-2	26856.71	27010.86	26145.43	26671.00	1.73	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BS	Instrumnet Name :	P7
Client Sample ID :	PB143621BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:12:47	DataFile Name :	049DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27390.87	27365.74	26504.75	27087.12	1.86	ppb
Krypton	83-1						cps
Lead	206-1	2472.18	2663.54	2601.72	2579.14	3.79	ppb
Lead	207-1	2499.48	2651.21	2577.01	2575.90	2.95	ppb
Lead	208-1	2478.49	2623.66	2567.23	2556.46	2.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	51917.99	52191.75	49102.22	51070.66	3.35	ppb
Manganese	55-2	5173.61	5184.92	4998.66	5119.06	2.04	ppb
Molybdenum	94-1	4867.06	5006.49	5115.74	4996.43	2.49	ppb
Molybdenum	95-1	4870.80	5037.38	5040.25	4982.81	1.95	ppb
Molybdenum	96-1	4876.65	5102.97	5019.78	4999.80	2.29	ppb
Molybdenum	97-1	4937.51	5128.60	5058.17	5041.43	1.92	ppb
Molybdenum	98-1	4887.34	5095.81	5072.68	5018.61	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.15	525.38	508.78	515.77	1.67	ppb
Phosphorus	31-2	10175.02	9923.02	9721.15	9939.73	2.29	ppb
Potassium	39-2	25735.28	25170.67	24393.57	25099.84	2.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	484.80	521.33	516.15	507.43	3.90	ppb
Selenium	77-2	521.96	537.32	515.96	525.08	2.10	ppb
Selenium	78-2	510.63	525.51	509.71	515.28	1.72	ppb
Silicon	28-1	491.57	541.27	558.55	530.46	6.56	ppb
Silver	107-1	490.83	512.21	525.62	509.55	3.44	ppb
Silver	109-1	488.43	515.20	513.14	505.59	2.95	ppb
Sodium	23-2	52537.13	53105.12	49731.64	51791.30	3.49	ppb
Strontium	86-1	498.84	518.79	524.63	514.09	2.63	ppb
Strontium	88-1	491.39	510.14	508.54	503.36	2.07	ppb
Sulfur	34-1	8505.28	9249.44	9421.93	9058.88	5.38	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	499.88	519.98	516.47	512.11	2.10	ppb
Thallium	205-1	494.50	533.27	512.57	513.45	3.78	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BS	Instrumnet Name :	P7
Client Sample ID :	PB143621BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:12:47	DataFile Name :	049DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	484.93	504.29	501.30	496.84	2.10	ppb
Tin	118-1	481.63	512.87	514.95	503.15	3.71	ppb
Titanium	47-1	4775.30	5063.65	5034.76	4957.90	3.20	ppb
Uranium	238-1	486.60	501.83	493.10	493.84	1.55	ppb
Vanadium	51-2	522.51	527.49	494.70	514.90	3.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	5368.51	5295.41	5116.70	5260.21	2.46	ppb
Zirconium	90-1	490.53	503.47	507.26	500.42	1.75	ppb
Zirconium	91-1	497.71	516.28	521.12	511.70	2.41	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:28:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50122.00	50867.35	51213.85	50734.40	1.10	ppb
Antimony	121-1	455.19	491.84	500.91	482.65	5.02	ppb
Arsenic	75-2	485.60	506.80	494.95	495.78	2.14	ppb
Barium	135-1	2382.99	2575.16	2622.69	2526.95	5.02	ppb
Barium	137-1	2402.41	2557.28	2532.00	2497.23	3.33	ppb
Beryllium	9-1	470.78	530.67	514.88	505.44	6.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	466.76	550.90	548.47	522.04	9.17	ppb
Boron	11-1	463.83	554.46	553.27	523.85	9.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	464.67	495.20	503.66	487.84	4.20	ppb
Cadmium	106-1	463.97	493.42	494.03	483.81	3.55	ppb
Cadmium	108-1	464.09	496.28	499.35	486.57	4.01	ppb
Calcium	43-1	226778.59	248793.89	257542.38	244371.62	6.49	ppb
Calcium	44-1	227815.68	249408.52	250919.61	242714.60	5.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.33	511.44	512.46	502.41	3.29	ppb
Cobalt	59-2	492.49	497.04	501.51	497.01	0.91	ppb
Copper	63-2	5056.88	5188.15	5317.74	5187.59	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	126455.14	128813.90	127846.36	127705.13	0.93	ppb
Iron	57-2	124703.84	126754.78	129218.90	126892.50	1.78	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:28:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125638.10	126556.58	127784.02	126659.57	0.85	ppb
Krypton	83-1						cps
Lead	206-1	2405.49	2576.61	2704.49	2562.20	5.86	ppb
Lead	207-1	2444.22	2564.07	2645.58	2551.29	3.97	ppb
Lead	208-1	2397.70	2557.46	2657.05	2537.40	5.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	247622.85	257186.12	257863.70	254224.22	2.25	ppb
Manganese	55-2	4895.13	5013.48	5040.14	4982.91	1.55	ppb
Molybdenum	94-1	4698.83	5103.73	5187.62	4996.73	5.23	ppb
Molybdenum	95-1	4639.72	5108.53	5052.61	4933.62	5.19	ppb
Molybdenum	96-1	4634.95	5087.38	5055.88	4926.07	5.13	ppb
Molybdenum	97-1	4573.79	5130.71	5121.75	4942.08	6.45	ppb
Molybdenum	98-1	4575.39	5166.52	5096.45	4946.12	6.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.75	487.38	496.70	487.28	1.94	ppb
Phosphorus	31-2	9850.85	9820.86	10098.57	9923.43	1.54	ppb
Potassium	39-2	121461.59	123405.39	123855.81	122907.60	1.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				118		%
Selenium	82-1	440.06	490.99	488.63	473.23	6.07	ppb
Selenium	77-2	476.41	492.03	492.09	486.84	1.86	ppb
Selenium	78-2	480.73	475.65	476.90	477.76	0.55	ppb
Silicon	28-1	456.00	521.58	547.29	508.29	9.26	ppb
Silver	107-1	471.39	497.25	505.15	491.26	3.59	ppb
Silver	109-1	467.96	496.80	500.07	488.28	3.62	ppb
Sodium	23-2	250180.16	251473.04	258077.37	253243.52	1.67	ppb
Strontium	86-1	467.84	520.40	520.02	502.75	6.01	ppb
Strontium	88-1	464.47	514.36	516.55	498.46	5.91	ppb
Sulfur	34-1	8364.67	9200.56	9552.37	9039.20	6.75	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	485.02	523.53	541.73	516.76	5.60	ppb
Thallium	205-1	483.99	512.09	540.05	512.04	5.47	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:28:12	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	479.33	521.92	532.99	511.41	5.54	ppb
Tin	118-1	474.68	511.82	517.49	501.33	4.64	ppb
Titanium	47-1	4626.64	4960.33	5044.43	4877.13	4.53	ppb
Uranium	238-1	477.06	506.44	524.31	502.61	4.75	ppb
Vanadium	51-2	496.92	513.77	506.58	505.75	1.67	ppb
Yttrium	89-1				111		%
Yttrium	89-2				116		%
Zinc	66-2	5073.67	5261.91	5274.17	5203.25	2.16	ppb
Zirconium	90-1	462.92	505.70	521.60	496.74	6.11	ppb
Zirconium	91-1	471.82	527.03	528.68	509.17	6.36	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:51:13	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.32	-0.02	0.32	105.29	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	14.04	ppb
Arsenic	75-2	0.01	0.03	0.02	0.02	52.86	ppb
Barium	135-1	0.06	0.03	0.01	0.03	76.87	ppb
Barium	137-1	0.02	0.03	0.04	0.03	34.55	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	48.74	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	16.77	18.34	14.15	16.42	12.90	ppb
Boron	11-1	15.49	17.28	14.50	15.76	8.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.06	0.01	0.05	68.00	ppb
Cadmium	106-1	1.85	1.69	-0.11	1.14	95.17	ppb
Cadmium	108-1	-0.38	-0.13	-0.10	-0.20		ppb
Calcium	43-1	0.83	-1.03	-1.03	-0.41		ppb
Calcium	44-1	84.01	86.56	83.05	84.54	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.04	0.01	0.00	785.22	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	0.07	0.05	0.06	11.93	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				112		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				116		%
Iron	56-2	1.32	1.25	1.00	1.19	14.21	ppb
Iron	57-2	0.67	0.70	1.35	0.91	42.81	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:51:13	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.53	0.73	0.39	0.55	30.84	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.19	0.16	0.18	9.29	ppb
Lead	207-1	0.16	0.17	0.16	0.16	4.89	ppb
Lead	208-1	0.17	0.16	0.15	0.16	5.71	ppb
Lithium	6-1				111		%
Magnesium	24-2	2.64	2.63	2.69	2.65	1.11	ppb
Manganese	55-2	0.06	0.07	0.07	0.07	10.02	ppb
Molybdenum	94-1	0.11	0.17	0.16	0.15	22.59	ppb
Molybdenum	95-1	0.17	0.17	0.13	0.15	13.34	ppb
Molybdenum	96-1	0.13	0.13	0.13	0.13	1.53	ppb
Molybdenum	97-1	0.20	0.12	0.11	0.14	32.62	ppb
Molybdenum	98-1	0.16	0.13	0.11	0.13	17.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-15.03	-17.11	-10.22	-14.12		ppb
Potassium	39-2	17.48	20.83	17.82	18.71	9.85	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	2.62	0.86	1.09	1.52	62.82	ppb
Selenium	77-2	0.00	0.20	0.21	0.14	86.60	ppb
Selenium	78-2	0.15	0.90	0.39	0.48	80.26	ppb
Silicon	28-1	4.88	5.69	5.45	5.34	7.79	ppb
Silver	107-1	0.04	0.04	0.03	0.04	23.88	ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.48	ppb
Sodium	23-2	88.10	87.79	84.49	86.79	2.30	ppb
Strontium	86-1	-0.51	-0.16	-0.50	-0.39		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.30	ppb
Sulfur	34-1	-1657.06	-1483.29	-1512.11	-1550.82		ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	-0.06	-0.07	-0.03	-0.05		ppb
Thallium	205-1	-0.03	-0.05	-0.03	-0.04		ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:51:13	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	11.91	ppb
Tin	118-1	0.03	0.02	0.02	0.02	21.76	ppb
Titanium	47-1	-0.02	-0.01	0.05	0.01	510.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.82	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	159.63	ppb
Yttrium	89-1				115		%
Yttrium	89-2				118		%
Zinc	66-2	0.34	0.26	0.39	0.33	19.78	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.64	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	17.80	ppb

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56	67	128	83	46.66	cps
Antimony	121-1	58	42	75	58	28.57	cps
Arsenic	75-2	2	9	6	6	66.68	cps
Barium	135-1	17	8	0	8	100.02	cps
Barium	137-1	17	42	33	31	41.66	cps
Beryllium	9-1	10	10	20	13	43.30	cps
Bismuth	209-1	4904285	4941081	4887344	4910903	0.56	cps
Bismuth	209-2	3821832	3928140	3965768	3905247	1.91	cps
Boron	10-1	850	725	758	778	8.32	cps
Boron	11-1	4059	4259	3851	4056	5.04	cps
Bromine	81-1	11538	11747	11572	11619	0.96	cps
Bromine	81-2	60	60	100	73	31.49	cps
Cadmium	111-1	399	343	302	348	13.96	cps
Cadmium	106-1	4001	3617	3359	3659	8.83	cps
Cadmium	108-1	79	75	96	83	13.23	cps
Calcium	43-1	116	125	175	138	22.77	cps
Calcium	44-1	79586	79712	79452	79583	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1373	1383	1450	1402	2.97	cps
Cobalt	59-2	163	180	150	164	9.14	cps
Copper	63-2	697	707	723	709	1.90	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	50	58	36	87.37	cps
Erbium	164-2	17	17	40	24	55.10	cps
Gadolinium	160-1	25	17	42	28	45.82	cps
Gadolinium	160-2	180	190	160	177	8.65	cps
Holmium	165-1	6899167	6946805	6892685	6912886	0.43	cps
Holmium	165-2	4872884	4922219	4909599	4901567	0.52	cps
Indium	115-1	5109893	5229876	5192736	5177502	1.19	cps
Indium	115-2	2029406	2045801	2050628	2041945	0.54	cps
Iron	56-2	12366	11944	13150	12487	4.90	cps
Iron	57-2	428	433	506	456	9.52	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1161	1452	1422	1345	11.87	cps
Krypton	83-1	9790	10240	9890	9973	2.37	cps
Lead	206-1	400	328	367	365	9.91	cps
Lead	207-1	278	356	389	341	16.73	cps
Lead	208-1	1545	1517	1750	1604	7.95	cps
Lithium	6-1	1500646	1504867	1496810	1500774	0.27	cps
Magnesium	24-2	139	122	139	133	7.22	cps
Manganese	55-2	93	93	83	90	6.42	cps
Molybdenum	94-1	208	175	208	197	9.76	cps
Molybdenum	95-1	50	42	58	50	16.66	cps
Molybdenum	96-1	367	275	300	314	15.10	cps
Molybdenum	97-1	58	17	75	50	60.09	cps
Molybdenum	98-1	167	125	133	142	15.56	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	13	37	40	30	48.44	cps
Phosphorus	31-2	317	325	350	331	5.25	cps
Potassium	39-2	63140	61542	62019	62234	1.32	cps
Rhodium	103-1	5117841	5053802	5015343	5062329	1.02	cps
Rhodium	103-2	3299706	3320233	3403730	3341223	1.65	cps
Scandium	45-1	3314479	3261955	3251276	3275903	1.03	cps
Scandium	45-2	318519	324313	329963	324265	1.76	cps
Selenium	82-1	-160	-284	-37	-160	-76.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	331	331	341	335	1.60	cps
Silicon	28-1	313992	314417	317175	315194	0.55	cps
Silver	107-1	83	83	100	89	10.82	cps
Silver	109-1	33	42	50	42	20.00	cps
Sodium	23-2	17399	17622	17655	17558	0.79	cps
Strontium	86-1	15859	16193	16652	16234	2.45	cps
Strontium	88-1	142	242	133	172	35.00	cps
Sulfur	34-1	270157	270718	272882	271252	0.53	cps
Terbium	159-1	6873940	6973552	6874879	6907457	0.83	cps
Terbium	159-2	4823586	4902562	4976093	4900747	1.56	cps
Thallium	203-1	1517	1525	1483	1508	1.46	cps
Thallium	205-1	3200	3192	3167	3187	0.54	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:26:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	78	72	61	70	12.06	cps
Tin	118-1	808	767	550	708	19.58	cps
Titanium	47-1	100	75	33	69	48.50	cps
Uranium	238-1	17	33	33	28	34.63	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Yttrium	89-1	10761733	10764325	10913243	10813100	0.80	cps
Yttrium	89-2	3016718	3025994	3066194	3036302	0.87	cps
Zinc	66-2	213	220	257	230	10.14	cps
Zirconium	90-1	392	542	483	472	16.01	cps
Zirconium	91-1	67	42	108	72	46.63	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 16:29:38 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			cps
Antimony	121-1	1050	900	983	978	7.69	cps
Arsenic	75-2	46	35	26	36	28.48	cps
Barium	135-1	1325	1467	1417	1403	5.12	cps
Barium	137-1	2150	2350	2242	2247	4.46	cps
Beryllium	9-1	147	100	167	138	24.83	cps
Bismuth	209-1	4616601	4527026	4618786	4587471	1.14	cps
Bismuth	209-2	3812883	3882853	3713048	3802928	2.24	cps
Boron	10-1	1017	1158	1117	1097	6.64	cps
Boron	11-1	5209	5443	5401	5351	2.33	cps
Bromine	81-1	10946	11338	10771	11018	2.63	cps
Bromine	81-2	50	60	60	57	10.19	cps
Cadmium	111-1	421	450	430	434	3.38	cps
Cadmium	106-1	3459	3134	3559	3384	6.57	cps
Cadmium	108-1	125	79	138	114	26.97	cps
Calcium	43-1	932	915	1082	977	9.40	cps
Calcium	44-1	Rejected	Rejected	Rejected			cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2207	1980	2010	2066	5.96	cps
Cobalt	59-2	657	693	680	677	2.74	cps
Copper	63-2	1500	1560	1403	1488	5.31	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	20	30	53	34	49.66	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	143	137	157	146	7.00	cps
Holmium	165-1	6447545	6451929	6534892	6478122	0.76	cps
Holmium	165-2	4759593	4815390	4754274	4776419	0.71	cps
Indium	115-1	4912486	4877484	4926036	4905335	0.51	cps
Indium	115-2	1962247	2051745	1989335	2001109	2.29	cps
Iron	56-2	26635	27760	26863	27086	2.20	cps
Iron	57-2	900	833	872	869	3.86	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:29:38	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2242	2202	2423	2289	5.13	cps
Krypton	83-1	9580	9653	10140	9791	3.11	cps
Lead	206-1	761	1095	822	893	19.88	cps
Lead	207-1	772	767	817	785	3.49	cps
Lead	208-1	3422	3856	3461	3580	6.70	cps
Lithium	6-1	1429814	1428583	1459654	1439351	1.22	cps
Magnesium	24-2	15486	15241	14941	15223	1.79	cps
Manganese	55-2	337	330	363	343	5.14	cps
Molybdenum	94-1	1125	1325	1175	1208	8.61	cps
Molybdenum	95-1	1442	1483	1475	1467	1.50	cps
Molybdenum	96-1	1950	1917	2034	1967	3.06	cps
Molybdenum	97-1	758	1050	883	897	16.31	cps
Molybdenum	98-1	1950	2125	2500	2192	12.82	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	133	123	138	12.41	cps
Phosphorus	31-2	408	450	292	383	21.41	cps
Potassium	39-2	77589	79826	78025	78480	1.51	cps
Rhodium	103-1	4774310	4711903	4854754	4780322	1.50	cps
Rhodium	103-2	3261054	3201612	3183681	3215449	1.26	cps
Scandium	45-1	3094950	3117625	3108459	3107011	0.37	cps
Scandium	45-2	317862	316240	319009	317704	0.44	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	370	361	350	361	2.83	cps
Silicon	28-1	325800	324967	324948	325238	0.15	cps
Silver	107-1	808	750	675	744	8.98	cps
Silver	109-1	567	558	600	575	3.83	cps
Sodium	23-2	43746	44347	42186	43426	2.57	cps
Strontium	86-1	15433	15100	15534	15356	1.48	cps
Strontium	88-1	1667	1742	1600	1670	4.25	cps
Sulfur	34-1	274834	272608	272583	273342	0.47	cps
Terbium	159-1	6497556	6438521	6572382	6502819	1.03	cps
Terbium	159-2	4837988	4851038	4760157	4816394	1.02	cps
Thallium	203-1	1775	1867	1834	1825	2.54	cps
Thallium	205-1	4593	4809	4526	4643	3.19	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:29:38	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1850	1989	1945	1928	3.68	cps
Tin	118-1	3276	3492	3459	3409	3.42	cps
Titanium	47-1	442	533	467	481	9.86	cps
Uranium	238-1	1884	1800	2084	1922	7.58	cps
Vanadium	51-2	1227	1270	1300	1266	2.91	cps
Yttrium	89-1	10231461	10188717	10251822	10224000	0.32	cps
Yttrium	89-2	2932127	3007295	2930447	2956623	1.48	cps
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	1408	1383	1367	1386	1.51	cps
Zirconium	91-1	250	300	192	247	21.93	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3250	3428	3678	3452	6.23	cps
Antimony	121-1	9845	9829	10971	10215	6.41	cps
Arsenic	75-2	381	369	420	390	6.92	cps
Barium	135-1	12039	12506	13090	12545	4.20	cps
Barium	137-1	21083	22193	21742	21673	2.58	cps
Beryllium	9-1	1210	1310	1273	1265	4.00	cps
Bismuth	209-1	4819685	4678746	4759184	4752538	1.49	cps
Bismuth	209-2	3756129	3925830	3942209	3874723	2.66	cps
Boron	10-1	3884	4151	4276	4103	4.88	cps
Boron	11-1	19863	20915	22091	20956	5.32	cps
Bromine	81-1	11763	11605	11388	11585	1.63	cps
Bromine	81-2	90	100	70	87	17.63	cps
Cadmium	111-1	1628	1736	2000	1788	10.70	cps
Cadmium	106-1	3601	3284	3459	3448	4.60	cps
Cadmium	108-1	183	221	221	208	10.39	cps
Calcium	43-1	7468	8894	8494	8285	8.87	cps
Calcium	44-1	205192	213908	216082	211727	2.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7802	7765	7829	7799	0.41	cps
Cobalt	59-2	4827	5228	5321	5125	5.12	cps
Copper	63-2	8779	8306	8006	8364	4.66	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	27	33	33	31	12.36	cps
Gadolinium	160-1	33	25	67	42	52.92	cps
Gadolinium	160-2	190	150	207	182	15.98	cps
Holmium	165-1	6754288	6440625	6611067	6601993	2.38	cps
Holmium	165-2	4680043	4915280	4942616	4845980	2.98	cps
Indium	115-1	5111963	4985085	5046865	5047971	1.26	cps
Indium	115-2	1953388	2006680	2040135	2000068	2.19	cps
Iron	56-2	157658	164528	162686	161624	2.20	cps
Iron	57-2	3956	4351	4090	4132	4.86	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10074	10024	9843	9980	1.21	cps
Krypton	83-1	10137	10023	9973	10045	0.83	cps
Lead	206-1	5229	5346	5612	5396	3.64	cps
Lead	207-1	4367	4645	4873	4629	5.47	cps
Lead	208-1	20379	21290	22174	21281	4.22	cps
Lithium	6-1	1512742	1404530	1447322	1454865	3.75	cps
Magnesium	24-2	152572	157352	159183	156369	2.18	cps
Manganese	55-2	2377	2590	2627	2531	5.33	cps
Molybdenum	94-1	11647	11505	11722	11624	0.95	cps
Molybdenum	95-1	13857	14774	14808	14480	3.73	cps
Molybdenum	96-1	15717	16693	16260	16223	3.01	cps
Molybdenum	97-1	8311	9261	9695	9089	7.79	cps
Molybdenum	98-1	22793	22852	23953	23200	2.82	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1357	1307	1313	1326	2.05	cps
Phosphorus	31-2	550	542	533	542	1.54	cps
Potassium	39-2	225402	231240	230925	229189	1.43	cps
Rhodium	103-1	4989886	4752116	4912986	4884996	2.48	cps
Rhodium	103-2	3187821	3309513	3342708	3280014	2.49	cps
Scandium	45-1	3224397	3131709	3227046	3194384	1.70	cps
Scandium	45-2	315415	319856	324534	319935	1.43	cps
Selenium	82-1	393	608	536	512	21.36	cps
Selenium	77-2	73	80	57	70	17.17	cps
Selenium	78-2	596	580	604	593	2.08	cps
Silicon	28-1	360442	362058	361153	361218	0.22	cps
Silver	107-1	6993	7394	7686	7358	4.72	cps
Silver	109-1	5876	6985	7152	6671	10.39	cps
Sodium	23-2	265864	272313	274046	270741	1.59	cps
Strontium	86-1	17211	18003	17828	17680	2.35	cps
Strontium	88-1	15192	15859	16718	15923	4.81	cps
Sulfur	34-1	271644	274977	273330	273317	0.61	cps
Terbium	159-1	6691353	6476375	6818379	6662036	2.59	cps
Terbium	159-2	4759951	4878096	4911087	4849711	1.64	cps
Thallium	203-1	6769	7327	7461	7185	5.11	cps
Thallium	205-1	16778	17520	18046	17448	3.65	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:35:23	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	20483	20489	21139	20704	1.82	cps
Tin	118-1	23113	24715	25200	24343	4.49	cps
Titanium	47-1	3851	4226	4276	4117	5.64	cps
Uranium	238-1	18564	19565	20851	19660	5.83	cps
Vanadium	51-2	12595	13163	13446	13068	3.31	cps
Yttrium	89-1	10700323	10198759	10367664	10422249	2.45	cps
Yttrium	89-2	2956449	3035970	3039068	3010496	1.56	cps
Zinc	66-2	1940	1513	1653	1702	12.78	cps
Zirconium	90-1	9487	10121	9762	9790	3.25	cps
Zirconium	91-1	2225	2042	2417	2228	8.42	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183369	186090	182246	183901	1.07	cps
Antimony	121-1	276770	293227	294211	288069	3.40	cps
Arsenic	75-2	20789	20974	20789	20850	0.51	cps
Barium	135-1	343271	359501	359526	354099	2.65	cps
Barium	137-1	599087	633098	629351	620512	3.01	cps
Beryllium	9-1	62221	66067	64795	64361	3.04	cps
Bismuth	209-1	4643698	4797208	4915670	4785525	2.85	cps
Bismuth	209-2	3971949	4005082	4081004	4019345	1.39	cps
Boron	10-1	7485	8778	8619	8294	8.50	cps
Boron	11-1	37865	40571	42560	40332	5.84	cps
Bromine	81-1	12072	12564	11964	12200	2.62	cps
Bromine	81-2	140	80	80	100	34.64	cps
Cadmium	111-1	77255	80848	80766	79623	2.58	cps
Cadmium	106-1	11980	12781	12781	12514	3.69	cps
Cadmium	108-1	6268	6564	6731	6521	3.59	cps
Calcium	43-1	90339	94140	94957	93145	2.65	cps
Calcium	44-1	1391787	1522135	1501637	1471853	4.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175897	174336	176154	175462	0.56	cps
Cobalt	59-2	272181	272848	272475	272501	0.12	cps
Copper	63-2	1927831	1979276	1962990	1956699	1.34	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	23	20	17	20	16.65	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	50	50	100	67	43.30	cps
Gadolinium	160-2	217	173	130	173	25.00	cps
Holmium	165-1	6537961	6754535	6776496	6689664	1.97	cps
Holmium	165-2	5123829	5103146	5080823	5102599	0.42	cps
Indium	115-1	5051355	5094524	5216857	5120912	1.68	cps
Indium	115-2	2072802	2069326	2048454	2063527	0.64	cps
Iron	56-2	7793668	7727082	7843248	7787999	0.75	cps
Iron	57-2	203195	202663	204679	203512	0.51	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	467965	464915	465555	466145	0.34	cps
Krypton	83-1	9860	9700	9827	9796	0.86	cps
Lead	206-1	1350216	1410027	1418495	1392913	2.67	cps
Lead	207-1	1161165	1220693	1241872	1207910	3.46	cps
Lead	208-1	5481541	5764218	5833491	5693083	3.27	cps
Lithium	6-1	1430298	1466007	1495289	1463864	2.22	cps
Magnesium	24-2	1708134	1717243	1715283	1713553	0.28	cps
Manganese	55-2	1311828	1298351	1312997	1307725	0.62	cps
Molybdenum	94-1	1033069	1094790	1098591	1075483	3.42	cps
Molybdenum	95-1	1489954	1538167	1560250	1529457	2.35	cps
Molybdenum	96-1	1584778	1680938	1687893	1651203	3.49	cps
Molybdenum	97-1	922352	990562	992289	968401	4.12	cps
Molybdenum	98-1	2347926	2450409	2528583	2442306	3.71	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	71390	72150	72253	71931	0.66	cps
Phosphorus	31-2	11321	11296	10946	11188	1.88	cps
Potassium	39-2	1011033	1007144	1002330	1006836	0.43	cps
Rhodium	103-1	4836069	4895809	4966393	4899424	1.33	cps
Rhodium	103-2	3406309	3361569	3423749	3397209	0.94	cps
Scandium	45-1	3148722	3223626	3240738	3204362	1.53	cps
Scandium	45-2	335023	336946	339852	337274	0.72	cps
Selenium	82-1	6445	6621	6600	6555	1.47	cps
Selenium	77-2	733	790	723	749	4.80	cps
Selenium	78-2	2843	2761	2797	2800	1.46	cps
Silicon	28-1	531769	556701	561159	549876	2.88	cps
Silver	107-1	394578	413566	413391	407178	2.68	cps
Silver	109-1	372573	386251	391959	383594	2.60	cps
Sodium	23-2	2780908	2719105	2777590	2759201	1.26	cps
Strontium	86-1	109305	116757	115042	113702	3.43	cps
Strontium	88-1	845735	887328	880418	871160	2.56	cps
Sulfur	34-1	310273	307895	309992	309387	0.42	cps
Terbium	159-1	6821064	6822829	6877527	6840474	0.47	cps
Terbium	159-2	5022603	5054224	5112827	5063218	0.90	cps
Thallium	203-1	331271	342585	345806	339887	2.25	cps
Thallium	205-1	808722	837618	842015	829452	2.18	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:38:16	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1104076	1190320	1182400	1158932	4.11	cps
Tin	118-1	247411	260279	260868	256186	2.97	cps
Titanium	47-1	423597	446591	440138	436775	2.72	cps
Uranium	238-1	1055003	1113128	1129830	1099320	3.57	cps
Vanadium	51-2	145106	142773	145382	144421	0.99	cps
Yttrium	89-1	10362301	10663937	10546481	10524240	1.44	cps
Yttrium	89-2	3106851	3118116	3224552	3149840	2.06	cps
Zinc	66-2	343456	351088	345152	346565	1.16	cps
Zirconium	90-1	526939	545678	540463	537693	1.80	cps
Zirconium	91-1	115506	120725	121361	119197	2.70	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:41:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444523	446251	453585	448120	1.07	cps
Antimony	121-1	711270	744944	755647	737287	3.14	cps
Arsenic	75-2	51077	51740	51883	51567	0.83	cps
Barium	135-1	875447	918829	944392	912889	3.82	cps
Barium	137-1	1518669	1598978	1557676	1558441	2.58	cps
Beryllium	9-1	159344	166827	171101	165757	3.59	cps
Bismuth	209-1	4775230	4831110	4879457	4828599	1.08	cps
Bismuth	209-2	3870283	3915528	3892010	3892607	0.58	cps
Boron	10-1	17861	20089	21616	19855	9.51	cps
Boron	11-1	83588	97360	102318	94422	10.28	cps
Bromine	81-1	11522	11814	11263	11533	2.39	cps
Bromine	81-2	40	60	80	60	33.33	cps
Cadmium	111-1	194600	204421	210135	203052	3.87	cps
Cadmium	106-1	25457	26350	26592	26133	2.29	cps
Cadmium	108-1	16063	16893	17023	16660	3.13	cps
Calcium	43-1	232567	239514	249205	240429	3.48	cps
Calcium	44-1	3491779	3648920	3765686	3635462	3.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	425811	424853	433561	428075	1.12	cps
Cobalt	59-2	669927	669790	673327	671015	0.30	cps
Copper	63-2	4790659	4836397	4876507	4834521	0.89	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	47	63	43	51	20.96	cps
Erbium	164-1	92	25	58	58	57.14	cps
Erbium	164-2	33	47	23	34	34.00	cps
Gadolinium	160-1	117	100	117	111	8.66	cps
Gadolinium	160-2	220	213	197	210	5.72	cps
Holmium	165-1	6606016	6613832	6777144	6665664	1.45	cps
Holmium	165-2	4918121	4970658	4935201	4941327	0.54	cps
Indium	115-1	4947514	5055046	5176109	5059556	2.26	cps
Indium	115-2	1999859	2000210	2009397	2003155	0.27	cps
Iron	56-2	19079105	19244341	19409266	19244237	0.86	cps
Iron	57-2	497278	502581	508538	502799	1.12	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:41:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1125079	1138061	1152182	1138441	1.19	cps
Krypton	83-1	9870	9667	9653	9730	1.25	cps
Lead	206-1	3590482	3637239	3719002	3648907	1.78	cps
Lead	207-1	3100203	3252292	3233445	3195314	2.59	cps
Lead	208-1	14344309	14929201	14891871	14721794	2.22	cps
Lithium	6-1	1486482	1486658	1501717	1491619	0.59	cps
Magnesium	24-2	4175438	4179565	4312797	4222600	1.85	cps
Manganese	55-2	3089519	3125193	3190630	3135114	1.64	cps
Molybdenum	94-1	2610176	2683373	2740573	2678040	2.44	cps
Molybdenum	95-1	3787674	3965427	4032431	3928511	3.22	cps
Molybdenum	96-1	4064884	4184833	4323126	4190948	3.08	cps
Molybdenum	97-1	2328296	2410810	2444235	2394447	2.49	cps
Molybdenum	98-1	5985634	6235724	6347984	6189781	3.00	cps
Neodymium	150-1	53	47	47	49	7.86	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	172839	173925	176786	174517	1.17	cps
Phosphorus	31-2	26165	25922	26098	26062	0.48	cps
Potassium	39-2	2199935	2212337	2221403	2211225	0.49	cps
Rhodium	103-1	4889774	4909337	4959884	4919665	0.74	cps
Rhodium	103-2	3297600	3276809	3263510	3279307	0.52	cps
Scandium	45-1	3209668	3199340	3241410	3216806	0.68	cps
Scandium	45-2	322103	326009	327502	325205	0.86	cps
Selenium	82-1	16095	16771	16929	16598	2.67	cps
Selenium	77-2	1787	1610	1973	1790	10.15	cps
Selenium	78-2	6668	6501	6672	6614	1.47	cps
Silicon	28-1	894549	929240	963487	929092	3.71	cps
Silver	107-1	997139	1052591	1071800	1040510	3.73	cps
Silver	109-1	927165	993053	1011144	977121	4.52	cps
Sodium	23-2	6656608	6812243	6877190	6782014	1.67	cps
Strontium	86-1	257771	270268	275747	267929	3.44	cps
Strontium	88-1	2101929	2152047	2231386	2161788	3.02	cps
Sulfur	34-1	355312	352711	357692	355238	0.70	cps
Terbium	159-1	6682922	6696517	6852478	6743972	1.40	cps
Terbium	159-2	4952621	4960564	4884405	4932530	0.85	cps
Thallium	203-1	838435	874585	894894	869305	3.29	cps
Thallium	205-1	2064826	2089788	2169609	2108075	2.60	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:41:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3063804	3167894	3302419	3178039	3.76	cps
Tin	118-1	626051	653076	667944	649024	3.27	cps
Titanium	47-1	1067397	1106575	1145865	1106612	3.55	cps
Uranium	238-1	2848520	3010176	3100662	2986452	4.28	cps
Vanadium	51-2	353305	357885	360085	357092	0.97	cps
Yttrium	89-1	10406349	10296995	10649379	10450908	1.73	cps
Yttrium	89-2	3071460	3034503	3034764	3046909	0.70	cps
Zinc	66-2	837709	845658	856150	846506	1.09	cps
Zirconium	90-1	1316886	1384316	1407159	1369453	3.43	cps
Zirconium	91-1	297487	308166	315715	307123	2.98	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860920	839265	844444	848210	1.33	cps
Antimony	121-1	1317395	1383201	1432533	1377710	4.19	cps
Arsenic	75-2	97511	95801	96210	96507	0.92	cps
Barium	135-1	1584142	1673378	1729781	1662434	4.42	cps
Barium	137-1	2740208	2902462	3014458	2885710	4.78	cps
Beryllium	9-1	289184	309345	323071	307200	5.55	cps
Bismuth	209-1	4960540	4928302	4845450	4911431	1.21	cps
Bismuth	209-2	3836755	3765682	3820875	3807770	0.98	cps
Boron	10-1	32001	37446	41381	36943	12.75	cps
Boron	11-1	155123	177603	191016	174581	10.39	cps
Bromine	81-1	11889	10963	11138	11330	4.34	cps
Bromine	81-2	60	50	80	63	24.12	cps
Cadmium	111-1	356560	384668	394391	378540	5.19	cps
Cadmium	106-1	44102	46676	46400	45726	3.09	cps
Cadmium	108-1	29288	30662	32741	30897	5.63	cps
Calcium	43-1	425116	445025	466860	445667	4.68	cps
Calcium	44-1	6375629	6724498	6877526	6659218	3.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	801967	791150	798644	797253	0.69	cps
Cobalt	59-2	1261238	1244856	1233742	1246612	1.11	cps
Copper	63-2	9048684	8864634	8983971	8965763	1.04	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	70	70	103	81	23.72	cps
Erbium	164-1	50	58	100	69	38.58	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	100	92	142	111	24.11	cps
Gadolinium	160-2	190	193	180	188	3.70	cps
Holmium	165-1	6979193	6736044	6768699	6827979	1.93	cps
Holmium	165-2	4978283	4857386	4984384	4940018	1.45	cps
Indium	115-1	5258275	5074458	5124235	5152323	1.85	cps
Indium	115-2	1982819	1935185	1941056	1953020	1.33	cps
Iron	56-2	36340294	35739372	35960927	36013531	0.84	cps
Iron	57-2	946387	925406	928751	933515	1.21	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2000426	1994715	2001751	1998964	0.19	cps
Krypton	83-1	10367	10194	10037	10199	1.62	cps
Lead	206-1	6479072	7044214	7073522	6865603	4.88	cps
Lead	207-1	5782597	6146855	6277362	6068938	4.23	cps
Lead	208-1	26524024	28103558	28531681	27719754	3.81	cps
Lithium	6-1	1550080	1482507	1514135	1515574	2.23	cps
Magnesium	24-2	8063368	7780512	7833011	7892297	1.91	cps
Manganese	55-2	5794450	5862362	5760106	5805639	0.90	cps
Molybdenum	94-1	4755398	5105628	5206059	5022362	4.71	cps
Molybdenum	95-1	6928439	7309076	7517772	7251762	4.12	cps
Molybdenum	96-1	7450198	7830666	8125518	7802127	4.34	cps
Molybdenum	97-1	4216561	4572365	4639620	4476182	5.08	cps
Molybdenum	98-1	11006820	11826477	12023124	11618807	4.64	cps
Neodymium	150-1	87	73	133	98	32.23	cps
Neodymium	150-2	30	17	33	27	33.06	cps
Nickel	60-2	326709	324294	323540	324848	0.51	cps
Phosphorus	31-2	50301	48136	47859	48765	2.74	cps
Potassium	39-2	4019931	4019293	4006453	4015226	0.19	cps
Rhodium	103-1	4941461	4925390	4994079	4953644	0.73	cps
Rhodium	103-2	3253176	3214542	3185856	3217858	1.05	cps
Scandium	45-1	3326167	3227845	3239490	3264501	1.65	cps
Scandium	45-2	321592	316698	319443	319244	0.77	cps
Selenium	82-1	28774	30769	31720	30421	4.94	cps
Selenium	77-2	3274	3701	3467	3480	6.14	cps
Selenium	78-2	11727	11573	11532	11611	0.88	cps
Silicon	28-1	1352139	1440739	1525868	1439582	6.03	cps
Silver	107-1	1785617	1876211	1946181	1869336	4.31	cps
Silver	109-1	1704905	1789693	1845931	1780176	3.99	cps
Sodium	23-2	12916824	12652076	12770908	12779936	1.04	cps
Strontium	86-1	459911	491218	500487	483872	4.39	cps
Strontium	88-1	3822062	4127648	4231448	4060386	5.24	cps
Sulfur	34-1	414033	419615	421051	418233	0.89	cps
Terbium	159-1	7220921	6911326	6776488	6969578	3.27	cps
Terbium	159-2	4866717	4771630	4870266	4836204	1.16	cps
Thallium	203-1	1548319	1642296	1702495	1631037	4.76	cps
Thallium	205-1	3737905	3989249	4104778	3943978	4.76	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:43:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5724138	5961380	6226252	5970590	4.21	cps
Tin	118-1	1145488	1226934	1260661	1211028	4.89	cps
Titanium	47-1	1942446	2074149	2156934	2057843	5.26	cps
Uranium	238-1	5350503	5648870	5845271	5614882	4.44	cps
Vanadium	51-2	679675	662835	662084	668198	1.49	cps
Yttrium	89-1	10898979	10522191	10811388	10744186	1.84	cps
Yttrium	89-2	2934947	2978946	2935436	2949776	0.86	cps
Zinc	66-2	1590220	1570172	1565254	1575215	0.84	cps
Zirconium	90-1	2372647	2497548	2617077	2495757	4.90	cps
Zirconium	91-1	543182	586248	595471	574967	4.85	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1741920	1676322	1700751	1706331	1.94	cps
Antimony	121-1	2660054	2743116	2850666	2751278	3.47	cps
Arsenic	75-2	198669	197780	196498	197649	0.55	cps
Barium	135-1	3338924	3468104	3549797	3452275	3.08	cps
Barium	137-1	5808391	5937353	6059003	5934915	2.11	cps
Beryllium	9-1	607299	618908	634781	620329	2.22	cps
Bismuth	209-1	4892110	4829362	4857084	4859519	0.65	cps
Bismuth	209-2	3944977	3896880	3935591	3925816	0.65	cps
Boron	10-1	68806	73749	80897	74484	8.16	cps
Boron	11-1	333333	368654	388445	363477	7.68	cps
Bromine	81-1	11572	11330	12589	11830	5.65	cps
Bromine	81-2	120	110	50	93	40.56	cps
Cadmium	111-1	748315	774812	799062	774063	3.28	cps
Cadmium	106-1	88941	89017	92791	90250	2.44	cps
Cadmium	108-1	60720	64628	64251	63199	3.41	cps
Calcium	43-1	897738	907631	920090	908486	1.23	cps
Calcium	44-1	13351969	13449080	13798087	13533046	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1630937	1588952	1564326	1594738	2.11	cps
Cobalt	59-2	2526473	2496211	2531887	2518190	0.76	cps
Copper	63-2	18481706	17912847	18313321	18235958	1.60	cps
Dysprosium	156-1	117	167	133	139	18.33	cps
Dysprosium	156-2	157	157	180	164	8.19	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	63	27	40	43	42.82	cps
Gadolinium	160-1	175	167	208	183	12.03	cps
Gadolinium	160-2	300	277	280	286	4.42	cps
Holmium	165-1	6782939	6921413	6972273	6892209	1.42	cps
Holmium	165-2	5043117	5000053	5149393	5064187	1.52	cps
Indium	115-1	5071861	5051885	5093601	5072449	0.41	cps
Indium	115-2	2007443	1948347	2004972	1986920	1.68	cps
Iron	56-2	74609685	72397747	73851754	73619729	1.53	cps
Iron	57-2	1825617	1820415	1866930	1837654	1.39	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4171423	4083053	4149525	4134667	1.11	cps
Krypton	83-1	10260	10060	9750	10023	2.57	cps
Lead	206-1	13524488	14111617	14399041	14011715	3.18	cps
Lead	207-1	11914421	12356060	12812390	12360957	3.63	cps
Lead	208-1	55274627	56807114	58194313	56758684	2.57	cps
Lithium	6-1	1511499	1473186	1496231	1493639	1.29	cps
Magnesium	24-2	16257365	16217366	16395526	16290086	0.57	cps
Manganese	55-2	12092196	11768416	11954357	11938323	1.36	cps
Molybdenum	94-1	10026824	10358791	10581485	10322367	2.70	cps
Molybdenum	95-1	14529422	15227097	15416841	15057787	3.10	cps
Molybdenum	96-1	15600639	16246058	16620772	16155823	3.19	cps
Molybdenum	97-1	8825778	9269300	9328183	9141087	3.00	cps
Molybdenum	98-1	23029476	24128728	24816315	23991506	3.76	cps
Neodymium	150-1	267	140	213	207	30.77	cps
Neodymium	150-2	37	40	50	42	16.43	cps
Nickel	60-2	668124	654995	666455	663191	1.08	cps
Phosphorus	31-2	100045	98551	99098	99232	0.76	cps
Potassium	39-2	8352675	8206205	8382849	8313909	1.14	cps
Rhodium	103-1	4846087	4801347	4966200	4871211	1.75	cps
Rhodium	103-2	3287196	3230894	3303688	3273926	1.17	cps
Scandium	45-1	3178697	3121464	3206459	3168874	1.37	cps
Scandium	45-2	331003	325024	335953	330660	1.66	cps
Selenium	82-1	60859	62988	64104	62650	2.63	cps
Selenium	77-2	7332	6928	7108	7123	2.84	cps
Selenium	78-2	24326	23997	23766	24030	1.17	cps
Silicon	28-1	2392916	2603600	2655490	2550669	5.45	cps
Silver	107-1	3769597	3867966	3964338	3867301	2.52	cps
Silver	109-1	3575645	3619052	3750310	3648336	2.49	cps
Sodium	23-2	26322615	26108865	26302808	26244763	0.45	cps
Strontium	86-1	958135	981169	992719	977341	1.80	cps
Strontium	88-1	8157905	8376740	8449746	8328130	1.82	cps
Sulfur	34-1	560923	570889	575053	568955	1.28	cps
Terbium	159-1	6951978	6690076	6972877	6871644	2.29	cps
Terbium	159-2	5024275	4930502	5061153	5005310	1.35	cps
Thallium	203-1	3272751	3457155	3496611	3408839	3.51	cps
Thallium	205-1	7925585	8212631	8397997	8178738	2.91	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:46:37	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12067513	12474373	13066108	12535998	4.01	cps
Tin	118-1	2359796	2463845	2480826	2434822	2.69	cps
Titanium	47-1	4058034	4143456	4229758	4143749	2.07	cps
Uranium	238-1	11287192	11852482	12263668	11801114	4.15	cps
Vanadium	51-2	1351479	1324683	1350216	1342126	1.13	cps
Yttrium	89-1	10487859	10521816	10586062	10531912	0.47	cps
Yttrium	89-2	3077443	2997612	3135038	3070031	2.25	cps
Zinc	66-2	3187781	3056600	3107782	3117388	2.12	cps
Zirconium	90-1	4947898	5110811	5249064	5102591	2.95	cps
Zirconium	91-1	1150823	1189118	1209202	1183048	2.51	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3612608	3584354	3557517	3584826	0.77	cps
Antimony	121-1	5496924	5776429	5896806	5723386	3.58	cps
Arsenic	75-2	413689	410343	413295	412443	0.44	cps
Barium	135-1	6794308	7076295	7360331	7076978	4.00	cps
Barium	137-1	11973801	12334504	12555338	12287881	2.39	cps
Beryllium	9-1	1225938	1261695	1279226	1255620	2.16	cps
Bismuth	209-1	4939250	4886595	4942829	4922891	0.64	cps
Bismuth	209-2	3985997	3902250	3978235	3955494	1.17	cps
Boron	10-1	142144	156200	163182	153842	6.97	cps
Boron	11-1	686250	759124	790079	745151	7.15	cps
Bromine	81-1	11705	11255	11396	11452	2.01	cps
Bromine	81-2	80	100	90	90	11.11	cps
Cadmium	111-1	1509676	1563304	1544497	1539159	1.77	cps
Cadmium	106-1	170392	179570	184657	178206	4.06	cps
Cadmium	108-1	124298	128521	131201	128007	2.72	cps
Calcium	43-1	1705062	1782391	1788932	1758795	2.65	cps
Calcium	44-1	27395005	28314645	29009091	28239580	2.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3357165	3362568	3283150	3334294	1.33	cps
Cobalt	59-2	5217276	5257017	5173701	5215998	0.80	cps
Copper	63-2	37655789	37286489	37646294	37529524	0.56	cps
Dysprosium	156-1	275	292	333	300	10.02	cps
Dysprosium	156-2	430	347	480	419	16.08	cps
Erbium	164-1	100	67	133	100	33.33	cps
Erbium	164-2	50	97	63	70	34.34	cps
Gadolinium	160-1	317	342	350	336	5.16	cps
Gadolinium	160-2	327	350	393	357	9.49	cps
Holmium	165-1	7165038	7038136	7148949	7117374	0.97	cps
Holmium	165-2	5302145	5153625	5241181	5232317	1.43	cps
Indium	115-1	5044536	5092635	5193794	5110322	1.49	cps
Indium	115-2	2082240	2034332	2075971	2064181	1.26	cps
Iron	56-2	156613904	155138892	154042809	155265202	0.83	cps
Iron	57-2	3890608	3772675	3870952	3844745	1.64	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8697998	8561035	8544772	8601268	0.98	cps
Krypton	83-1	10224	9790	9887	9967	2.28	cps
Lead	206-1	27226049	28641880	29221222	28363050	3.62	cps
Lead	207-1	24178473	25324545	25597580	25033533	3.01	cps
Lead	208-1	110569409	116474543	117050827	114698260	3.13	cps
Lithium	6-1	1545591	1497464	1520467	1521174	1.58	cps
Magnesium	24-2	34297234	33897117	33767276	33987209	0.81	cps
Manganese	55-2	25050762	25050793	25305885	25135814	0.59	cps
Molybdenum	94-1	20583970	21127457	22049567	21253665	3.49	cps
Molybdenum	95-1	30146582	31470665	32551592	31389613	3.84	cps
Molybdenum	96-1	32572027	33932138	34501396	33668520	2.94	cps
Molybdenum	97-1	18344818	19402433	19711751	19153001	3.74	cps
Molybdenum	98-1	47626257	50107596	51160623	49631492	3.66	cps
Neodymium	150-1	380	367	287	344	14.66	cps
Neodymium	150-2	80	77	50	69	23.87	cps
Nickel	60-2	1365536	1358975	1366445	1363652	0.30	cps
Phosphorus	31-2	211030	209084	211941	210685	0.69	cps
Potassium	39-2	17417841	17383307	17274947	17358698	0.43	cps
Rhodium	103-1	5011940	4999237	5071347	5027508	0.77	cps
Rhodium	103-2	3437890	3340603	3400537	3393010	1.45	cps
Scandium	45-1	3413866	3337392	3326923	3359394	1.41	cps
Scandium	45-2	355269	347356	342671	348432	1.83	cps
Selenium	82-1	122150	127831	129736	126572	3.12	cps
Selenium	77-2	14474	14537	14574	14528	0.35	cps
Selenium	78-2	49507	49409	50038	49651	0.68	cps
Silicon	28-1	4468205	4826536	5055076	4783272	6.18	cps
Silver	107-1	7556578	7753225	7939038	7749614	2.47	cps
Silver	109-1	7243655	7474631	7515927	7411404	1.98	cps
Sodium	23-2	55572522	55395093	55086960	55351525	0.44	cps
Strontium	86-1	1882577	1973678	2050781	1969012	4.28	cps
Strontium	88-1	16345168	17235294	17629233	17069898	3.85	cps
Sulfur	34-1	872233	903845	915339	897139	2.49	cps
Terbium	159-1	7184700	7055232	7222648	7154193	1.23	cps
Terbium	159-2	5236398	5222879	5219311	5226196	0.17	cps
Thallium	203-1	6611823	6819872	7126172	6852622	3.78	cps
Thallium	205-1	16028383	16539368	16919098	16495616	2.71	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:49:23	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	24777757	25795437	26275223	25616139	2.99	cps
Tin	118-1	4780579	5009652	5086172	4958801	3.21	cps
Titanium	47-1	8266360	8661867	8962366	8630197	4.04	cps
Uranium	238-1	23284686	24294976	24166748	23915470	2.30	cps
Vanadium	51-2	2891982	2813946	2791015	2832315	1.87	cps
Yttrium	89-1	11063727	10942375	10992096	10999399	0.55	cps
Yttrium	89-2	3276490	3149367	3281185	3235681	2.31	cps
Zinc	66-2	6373256	6315176	6433591	6374007	0.93	cps
Zirconium	90-1	10249747	10616470	10976277	10614164	3.42	cps
Zirconium	91-1	2277403	2335585	2416353	2343114	2.98	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 16:52:10 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18805703	18821933	18731642	18786426	0.26	cps
Antimony	121-1	4301	4301	5318	4640	12.66	cps
Arsenic	75-2	165	135	141	147	10.72	cps
Barium	135-1	2775	3125	3209	3037	7.57	cps
Barium	137-1	4951	5310	5468	5243	5.05	cps
Beryllium	9-1	137	100	140	126	17.68	cps
Bismuth	209-1	4431666	4506256	4485465	4474462	0.86	cps
Bismuth	209-2	3679707	3653276	3618062	3650348	0.85	cps
Boron	10-1	12672	12047	11338	12019	5.56	cps
Boron	11-1	62980	59147	53561	58563	8.09	cps
Bromine	81-1	12230	12397	11605	12078	3.46	cps
Bromine	81-2	150	180	90	140	32.74	cps
Cadmium	111-1	716	700	718	712	1.36	cps
Cadmium	106-1	4017	3967	4034	4006	0.87	cps
Cadmium	108-1	117	138	92	115	19.91	cps
Calcium	43-1	8770617	9257252	9377168	9135012	3.52	cps
Calcium	44-1	140866352	147824102	151011930	146567461	3.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42239	41615	41838	41897	0.76	cps
Cobalt	59-2	9176	9900	9723	9600	3.93	cps
Copper	63-2	21255	22124	21385	21588	2.17	cps
Dysprosium	156-1	1225	1242	1242	1236	0.78	cps
Dysprosium	156-2	863	960	987	937	6.93	cps
Erbium	164-1	242	217	233	231	5.52	cps
Erbium	164-2	217	177	160	184	15.79	cps
Gadolinium	160-1	1142	1100	1067	1103	3.41	cps
Gadolinium	160-2	1053	997	1167	1072	8.07	cps
Holmium	165-1	7095706	6899014	7170376	7055032	1.99	cps
Holmium	165-2	5173298	5199834	5188777	5187303	0.26	cps
Indium	115-1	5074682	5112780	5164189	5117217	0.88	cps
Indium	115-2	2111785	2066370	2127847	2102001	1.52	cps
Iron	56-2	763119306	750910617	762939773	758989898	0.92	cps
Iron	57-2	18857398	19240035	19103361	19066931	1.02	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:52:10	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	41891027	42236860	41707541	41945143	0.64	cps
Krypton	83-1	10120	10474	10367	10320	1.76	cps
Lead	206-1	12762	13184	13685	13210	3.50	cps
Lead	207-1	11288	11416	11772	11492	2.18	cps
Lead	208-1	52107	53098	55229	53478	2.98	cps
Lithium	6-1	1503013	1529306	1574572	1535630	2.36	cps
Magnesium	24-2	173852437	173106398	174778548	173912461	0.48	cps
Manganese	55-2	19463	21607	20003	20358	5.48	cps
Molybdenum	94-1	8494	8294	8753	8514	2.70	cps
Molybdenum	95-1	11363	10946	10296	10868	4.95	cps
Molybdenum	96-1	16952	16794	16643	16796	0.92	cps
Molybdenum	97-1	7035	6927	6843	6935	1.39	cps
Molybdenum	98-1	18229	17436	17833	17833	2.22	cps
Neodymium	150-1	47	27	60	44	37.74	cps
Neodymium	150-2	47	53	30	43	27.73	cps
Nickel	60-2	11084	11141	11184	11136	0.45	cps
Phosphorus	31-2	425	492	483	467	7.78	cps
Potassium	39-2	91264702	90726990	92535144	91508945	1.01	cps
Rhodium	103-1	4720430	4759222	4873545	4784399	1.66	cps
Rhodium	103-2	3297144	3199629	3291863	3262879	1.68	cps
Scandium	45-1	3421420	3512273	3511880	3481858	1.50	cps
Scandium	45-2	356904	356455	359618	357659	0.48	cps
Selenium	82-1	366	18	-46	113	197.23	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	378	350	357	362	3.98	cps
Silicon	28-1	841002	977716	1021358	946692	9.94	cps
Silver	107-1	4226	4326	4026	4193	3.65	cps
Silver	109-1	3676	3876	3884	3812	3.10	cps
Sodium	23-2	274303395	275767945	278932790	276334710	0.86	cps
Strontium	86-1	30315	30624	30699	30546	0.67	cps
Strontium	88-1	120251	125309	127199	124253	2.89	cps
Sulfur	34-1	250853	256163	257426	254814	1.37	cps
Terbium	159-1	7031029	7154431	7120933	7102131	0.90	cps
Terbium	159-2	5173777	5264658	5269615	5236016	1.03	cps
Thallium	203-1	2509	2617	2534	2553	2.22	cps
Thallium	205-1	5835	6277	6268	6127	4.13	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 16:52:10	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1600	1367	1317	1428	10.59	cps
Tin	118-1	3409	3901	4109	3807	9.44	cps
Titanium	47-1	1058	1333	1308	1233	12.33	cps
Uranium	238-1	1700	1600	1617	1639	3.27	cps
Vanadium	51-2	570	954	593	706	30.47	cps
Yttrium	89-1	10978859	11135945	11154204	11089669	0.87	cps
Yttrium	89-2	3356158	3291732	3327124	3325005	0.97	cps
Zinc	66-2	10170	10334	10344	10283	0.95	cps
Zirconium	90-1	5618	6085	6327	6010	5.99	cps
Zirconium	91-1	1142	1300	1317	1253	7.71	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 17:19:23 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86473	86495	88255	87074	1.17	cps
Antimony	121-1	1062913	1105515	1114645	1094358	2.52	cps
Arsenic	75-2	79791	79950	79733	79825	0.14	cps
Barium	135-1	134252	139716	142366	138778	2.98	cps
Barium	137-1	233505	238418	245659	239194	2.56	cps
Beryllium	9-1	121992	126441	126510	124981	2.07	cps
Bismuth	209-1	4757124	4849383	4882849	4829785	1.35	cps
Bismuth	209-2	3927370	3880980	3937568	3915306	0.77	cps
Boron	10-1	76928	84311	86067	82435	5.88	cps
Boron	11-1	373021	412433	429256	404903	7.13	cps
Bromine	81-1	12347	12055	12397	12267	1.51	cps
Bromine	81-2	70	130	50	83	49.96	cps
Cadmium	111-1	153503	157149	160542	157064	2.24	cps
Cadmium	106-1	29915	31302	32295	31171	3.84	cps
Cadmium	108-1	18604	19146	19376	19042	2.08	cps
Calcium	43-1	35445	37522	37300	36756	3.10	cps
Calcium	44-1	666691	694424	694879	685331	2.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	328641	329525	330683	329616	0.31	cps
Cobalt	59-2	516268	520971	517542	518260	0.47	cps
Copper	63-2	364317	366843	364768	365309	0.37	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	37	33	40	37	9.10	cps
Gadolinium	160-1	75	33	92	67	45.07	cps
Gadolinium	160-2	190	170	200	187	8.18	cps
Holmium	165-1	6711777	6751314	6936492	6799861	1.76	cps
Holmium	165-2	5038637	5004991	5020698	5021442	0.34	cps
Indium	115-1	5038220	5024033	5167690	5076648	1.56	cps
Indium	115-2	2060515	2004491	2007216	2024074	1.56	cps
Iron	56-2	5708151	5724600	5631172	5687974	0.88	cps
Iron	57-2	148601	148280	149008	148630	0.25	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:19:23	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	344221	345829	346133	345395	0.30	cps
Krypton	83-1	10337	10364	10497	10399	0.82	cps
Lead	206-1	1125895	1163816	1175745	1155152	2.25	cps
Lead	207-1	925432	960651	969986	952023	2.47	cps
Lead	208-1	4433904	4640257	4695057	4589739	3.00	cps
Lithium	6-1	1524184	1507074	1504535	1511931	0.71	cps
Magnesium	24-2	370522	376771	370737	372677	0.95	cps
Manganese	55-2	240401	241887	239106	240465	0.58	cps
Molybdenum	94-1	10272058	10496086	10586630	10451591	1.55	cps
Molybdenum	95-1	14822425	15211294	15417746	15150488	2.00	cps
Molybdenum	96-1	15849425	16511540	16608003	16322990	2.53	cps
Molybdenum	97-1	8927785	9393031	9361658	9227491	2.82	cps
Molybdenum	98-1	23347850	24451959	24648688	24149499	2.90	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	135948	137584	137149	136894	0.62	cps
Phosphorus	31-2	467	292	342	367	24.58	cps
Potassium	39-2	761164	751264	758303	756911	0.67	cps
Rhodium	103-1	4892037	4985289	5008185	4961837	1.24	cps
Rhodium	103-2	3373219	3323023	3340200	3345481	0.76	cps
Scandium	45-1	3263314	3306715	3252341	3274123	0.88	cps
Scandium	45-2	338033	338182	339946	338720	0.31	cps
Selenium	82-1	24565	25575	25865	25335	2.69	cps
Selenium	77-2	2964	3000	2640	2868	6.91	cps
Selenium	78-2	9902	10081	9989	9991	0.90	cps
Silicon	28-1	777306	853960	886443	839236	6.68	cps
Silver	107-1	375617	390338	398593	388183	3.00	cps
Silver	109-1	350758	367506	373892	364052	3.28	cps
Sodium	23-2	1048940	1058630	1047616	1051729	0.57	cps
Strontium	86-1	1011589	1045572	1063754	1040305	2.55	cps
Strontium	88-1	8507585	8864716	8962255	8778185	2.73	cps
Sulfur	34-1	242510	243198	242174	242627	0.22	cps
Terbium	159-1	6774159	6793781	6977045	6848329	1.63	cps
Terbium	159-2	4944810	5010436	5012914	4989387	0.77	cps
Thallium	203-1	1411455	1451080	1495184	1452573	2.88	cps
Thallium	205-1	3424958	3458990	3607910	3497286	2.78	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:19:23	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	261	156	322	246	34.23	cps
Tin	118-1	2561907	2637873	2679957	2626579	2.28	cps
Titanium	47-1	3986649	4090099	4133354	4070034	1.85	cps
Uranium	238-1	10340176	10843569	10923000	10702248	2.95	cps
Vanadium	51-2	270587	270752	266161	269167	0.97	cps
Yttrium	89-1	10647651	10634593	10640364	10640870	0.06	cps
Yttrium	89-2	3075503	3096891	3116714	3096369	0.67	cps
Zinc	66-2	125703	124755	124307	124922	0.57	cps
Zirconium	90-1	5223170	5459000	5437190	5373120	2.43	cps
Zirconium	91-1	1199791	1249969	1265288	1238349	2.77	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3617	3550	3506	3558	1.57	cps
Antimony	121-1	10204	10512	11347	10688	5.53	cps
Arsenic	75-2	417	428	459	435	5.08	cps
Barium	135-1	12514	13106	12815	12812	2.31	cps
Barium	137-1	21926	23145	23161	22744	3.11	cps
Beryllium	9-1	1177	1263	1397	1279	8.67	cps
Bismuth	209-1	4751088	4721452	4617621	4696720	1.49	cps
Bismuth	209-2	3803622	3843269	3788804	3811898	0.74	cps
Boron	10-1	4676	4893	5326	4965	6.67	cps
Boron	11-1	22267	24646	24988	23967	6.18	cps
Bromine	81-1	12247	11688	11889	11941	2.37	cps
Bromine	81-2	90	60	50	67	31.22	cps
Cadmium	111-1	1869	1938	1959	1922	2.47	cps
Cadmium	106-1	3767	3400	4042	3737	8.62	cps
Cadmium	108-1	167	158	183	169	7.51	cps
Calcium	43-1	8552	9219	8843	8871	3.77	cps
Calcium	44-1	232763	240641	240173	237859	1.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7962	7779	7829	7857	1.21	cps
Cobalt	59-2	5304	5278	5148	5243	1.60	cps
Copper	63-2	8152	8039	7919	8037	1.45	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	58	33	58	50	28.87	cps
Gadolinium	160-2	163	200	173	179	10.59	cps
Holmium	165-1	6624068	6532661	6463024	6539918	1.23	cps
Holmium	165-2	4861541	4870177	4792896	4841538	0.87	cps
Indium	115-1	5079551	5035347	5011502	5042133	0.68	cps
Indium	115-2	2026028	2000130	1989542	2005233	0.94	cps
Iron	56-2	163139	163814	159756	162236	1.34	cps
Iron	57-2	4112	4406	4390	4303	3.85	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10424	9934	9152	9837	6.52	cps
Krypton	83-1	10117	10424	9987	10176	2.20	cps
Lead	206-1	5201	5612	5974	5596	6.91	cps
Lead	207-1	4701	4795	4645	4714	1.61	cps
Lead	208-1	21124	22474	22741	22113	3.92	cps
Lithium	6-1	1473068	1418298	1440058	1443808	1.91	cps
Magnesium	24-2	159461	157720	155671	157617	1.20	cps
Manganese	55-2	2487	2480	2604	2524	2.75	cps
Molybdenum	94-1	11772	12647	12839	12420	4.58	cps
Molybdenum	95-1	15292	15675	16693	15887	4.56	cps
Molybdenum	96-1	16418	17186	17594	17066	3.50	cps
Molybdenum	97-1	9003	8945	9520	9156	3.46	cps
Molybdenum	98-1	23044	24287	25364	24232	4.79	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1363	1387	1263	1338	4.90	cps
Phosphorus	31-2	408	642	608	553	22.83	cps
Potassium	39-2	240218	236495	233915	236876	1.34	cps
Rhodium	103-1	4890826	4884686	4832665	4869392	0.66	cps
Rhodium	103-2	3290916	3308952	3280599	3293489	0.44	cps
Scandium	45-1	3273867	3197112	3197322	3222767	1.37	cps
Scandium	45-2	326759	325346	323183	325096	0.55	cps
Selenium	82-1	682	143	809	545	64.91	cps
Selenium	77-2	73	67	90	77	15.68	cps
Selenium	78-2	633	663	537	611	10.77	cps
Silicon	28-1	373220	373646	375019	373962	0.25	cps
Silver	107-1	6843	7569	7786	7399	6.67	cps
Silver	109-1	6143	7219	7285	6882	9.31	cps
Sodium	23-2	278902	277916	272378	276399	1.27	cps
Strontium	86-1	18595	18737	18203	18512	1.49	cps
Strontium	88-1	15901	16485	16860	16415	2.94	cps
Sulfur	34-1	270169	269200	268233	269201	0.36	cps
Terbium	159-1	6686790	6535560	6518304	6580218	1.41	cps
Terbium	159-2	4833951	4874941	4719636	4809509	1.67	cps
Thallium	203-1	7085	7844	7319	7416	5.24	cps
Thallium	205-1	17403	17504	17637	17515	0.67	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:40:52	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	20088	21195	21635	20973	3.80	cps
Tin	118-1	23889	25367	25308	24854	3.37	cps
Titanium	47-1	3826	4401	4442	4223	8.16	cps
Uranium	238-1	18430	19807	20550	19596	5.49	cps
Vanadium	51-2	13203	13389	13456	13349	0.98	cps
Yttrium	89-1	10540188	10269640	10235178	10348336	1.61	cps
Yttrium	89-2	3080785	3034552	2969458	3028265	1.85	cps
Zinc	66-2	1543	1477	1650	1557	5.62	cps
Zirconium	90-1	10054	10237	10537	10276	2.38	cps
Zirconium	91-1	2334	2300	2134	2256	4.75	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 17:43:47 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	83	61	31.49	cps
Antimony	121-1	67	75	67	69	6.93	cps
Arsenic	75-2	9	0	4	4	107.89	cps
Barium	135-1	17	25	25	22	21.64	cps
Barium	137-1	25	58	33	39	44.61	cps
Beryllium	9-1	23	17	7	16	53.90	cps
Bismuth	209-1	4746738	4667736	4794419	4736298	1.35	cps
Bismuth	209-2	3884060	3804517	3813820	3834132	1.13	cps
Boron	10-1	1617	1575	1683	1625	3.36	cps
Boron	11-1	8478	7952	8002	8144	3.56	cps
Bromine	81-1	12564	12055	11722	12114	3.50	cps
Bromine	81-2	70	120	60	83	38.57	cps
Cadmium	111-1	335	301	361	333	8.99	cps
Cadmium	106-1	3626	3484	3542	3551	2.01	cps
Cadmium	108-1	63	79	50	64	22.91	cps
Calcium	43-1	166	125	125	138	17.30	cps
Calcium	44-1	96268	97686	100094	98016	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1483	1320	1607	1470	9.78	cps
Cobalt	59-2	180	137	197	171	18.10	cps
Copper	63-2	800	827	837	821	2.31	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	13	27	33	24	41.66	cps
Gadolinium	160-1	33	58	33	42	34.64	cps
Gadolinium	160-2	187	197	170	184	7.30	cps
Holmium	165-1	6692600	6790012	6771425	6751346	0.77	cps
Holmium	165-2	4870635	4910419	4781877	4854310	1.36	cps
Indium	115-1	5132845	5152063	5154852	5146587	0.23	cps
Indium	115-2	2064023	2013791	2032912	2036908	1.24	cps
Iron	56-2	13523	12656	13523	13234	3.78	cps
Iron	57-2	506	511	511	509	0.63	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:43:47	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1502	1201	1381	1361	11.10	cps
Krypton	83-1	10514	10344	10154	10337	1.74	cps
Lead	206-1	500	467	406	457	10.47	cps
Lead	207-1	428	444	344	406	13.21	cps
Lead	208-1	2161	2045	1761	1989	10.34	cps
Lithium	6-1	1493307	1489105	1460061	1480824	1.22	cps
Magnesium	24-2	183	189	267	213	21.88	cps
Manganese	55-2	127	103	133	121	13.01	cps
Molybdenum	94-1	267	317	175	253	28.42	cps
Molybdenum	95-1	83	67	108	86	24.35	cps
Molybdenum	96-1	300	350	342	331	8.10	cps
Molybdenum	97-1	75	75	33	61	39.37	cps
Molybdenum	98-1	167	192	183	181	7.05	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	20	13	13	49.99	cps
Phosphorus	31-2	417	375	408	400	5.51	cps
Potassium	39-2	67233	65609	66931	66591	1.30	cps
Rhodium	103-1	4967042	4979043	4995254	4980446	0.28	cps
Rhodium	103-2	3376851	3279336	3287108	3314432	1.64	cps
Scandium	45-1	3295939	3300689	3276838	3291155	0.38	cps
Scandium	45-2	330997	321109	326187	326098	1.52	cps
Selenium	82-1	-47	22	314	96	199.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	387	365	381	378	3.06	cps
Silicon	28-1	321316	319500	317750	319522	0.56	cps
Silver	107-1	200	133	158	164	20.55	cps
Silver	109-1	158	142	92	131	26.57	cps
Sodium	23-2	22066	22483	21972	22174	1.23	cps
Strontium	86-1	16935	16535	15734	16401	3.73	cps
Strontium	88-1	158	142	142	147	6.54	cps
Sulfur	34-1	271126	274856	274798	273593	0.78	cps
Terbium	159-1	6741037	6702281	6667112	6703477	0.55	cps
Terbium	159-2	4967587	4821314	4936229	4908377	1.57	cps
Thallium	203-1	1133	1000	1008	1047	7.13	cps
Thallium	205-1	2550	2517	2559	2542	0.87	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:43:47	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	44	50	46	6.92	cps
Tin	118-1	833	650	733	739	12.42	cps
Titanium	47-1	58	50	58	56	8.66	cps
Uranium	238-1	17	42	17	25	57.73	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	10606179	10580992	10574341	10587171	0.16	cps
Yttrium	89-2	3073090	3019310	3068754	3053718	0.98	cps
Zinc	66-2	270	220	263	251	10.81	cps
Zirconium	90-1	608	392	442	481	23.61	cps
Zirconium	91-1	100	117	133	117	14.29	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 17:46:41 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16794488	16770457	16867351	16810766	0.30	cps
Antimony	121-1	6593	6944	6402	6646	4.13	cps
Arsenic	75-2	148	128	135	137	7.52	cps
Barium	135-1	2267	1859	2042	2056	9.95	cps
Barium	137-1	3767	3451	3509	3576	4.71	cps
Beryllium	9-1	313	380	397	363	12.14	cps
Bismuth	209-1	4668277	4641992	4615477	4641915	0.57	cps
Bismuth	209-2	3818461	3772654	3757794	3782969	0.84	cps
Boron	10-1	1600	1658	2825	2028	34.08	cps
Boron	11-1	8369	8336	14442	10382	33.86	cps
Bromine	81-1	12389	12623	13165	12725	3.13	cps
Bromine	81-2	180	250	320	250	28.00	cps
Cadmium	111-1	1028	987	1153	1056	8.23	cps
Cadmium	106-1	3692	3734	3967	3798	3.90	cps
Cadmium	108-1	1292	1475	1300	1356	7.64	cps
Calcium	43-1	1670317	1766178	1701796	1712763	2.85	cps
Calcium	44-1	27022230	28407253	27566070	27665184	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67391	67330	68837	67853	1.26	cps
Cobalt	59-2	6448	6211	6261	6307	1.98	cps
Copper	63-2	28384	28347	28888	28540	1.06	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	33	30	27	30	11.10	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	40	57	33	43	27.74	cps
Gadolinium	160-1	33	50	150	78	81.13	cps
Gadolinium	160-2	187	183	180	183	1.82	cps
Holmium	165-1	6850213	6958414	6794187	6867605	1.22	cps
Holmium	165-2	5093252	5121675	5093729	5102886	0.32	cps
Indium	115-1	4974284	5076850	4992273	5014469	1.09	cps
Indium	115-2	2073789	2022483	2081063	2059112	1.55	cps
Iron	56-2	296778184	296797051	296801540	296792258	0.00	cps
Iron	57-2	7292123	7206128	7364471	7287574	1.09	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:46:41	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16403724	15974456	16537383	16305188	1.80	cps
Krypton	83-1	10217	10057	10257	10177	1.04	cps
Lead	206-1	26972	28965	28943	28293	4.04	cps
Lead	207-1	21061	22519	21807	21796	3.35	cps
Lead	208-1	101255	109118	107203	105859	3.87	cps
Lithium	6-1	1462000	1459375	1413059	1444811	1.91	cps
Magnesium	24-2	30954300	31372425	31276313	31201013	0.70	cps
Manganese	55-2	18688	19206	19379	19091	1.88	cps
Molybdenum	94-1	3207601	3383560	3343577	3311579	2.79	cps
Molybdenum	95-1	5807094	5992336	5916421	5905284	1.58	cps
Molybdenum	96-1	6140855	6398498	6190347	6243233	2.19	cps
Molybdenum	97-1	3469330	3708644	3628862	3602279	3.38	cps
Molybdenum	98-1	9051365	9478891	9393774	9308010	2.43	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	20	30	17	22	31.22	cps
Nickel	60-2	7302	7352	7295	7316	0.42	cps
Phosphorus	31-2	993867	986249	997490	992535	0.58	cps
Potassium	39-2	33048585	32922213	32919953	32963584	0.22	cps
Rhodium	103-1	4739887	4872018	4755432	4789112	1.51	cps
Rhodium	103-2	3336989	3288775	3340796	3322187	0.87	cps
Scandium	45-1	3312910	3306729	3227845	3282495	1.44	cps
Scandium	45-2	341340	340861	338453	340218	0.45	cps
Selenium	82-1	-96	379	343	209	126.82	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	419	404	383	402	4.40	cps
Silicon	28-1	392837	399979	496644	429820	13.49	cps
Silver	107-1	3384	3709	3267	3453	6.63	cps
Silver	109-1	2717	3234	3200	3050	9.48	cps
Sodium	23-2	53477348	53263955	53781771	53507691	0.49	cps
Strontium	86-1	79424	84719	82768	82304	3.25	cps
Strontium	88-1	568251	592313	576103	578889	2.12	cps
Sulfur	34-1	3238965	3369825	3254058	3287616	2.18	cps
Terbium	159-1	6902087	7005211	6869697	6925665	1.02	cps
Terbium	159-2	5062636	5077545	5203276	5114485	1.51	cps
Thallium	203-1	3651	4009	4943	4201	15.88	cps
Thallium	205-1	8878	10054	11947	10293	15.04	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:46:41	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	67	100	78	81	20.83	cps
Tin	118-1	1627	1377	1643	1549	9.64	cps
Titanium	47-1	1637581	1739562	1688632	1688592	3.02	cps
Uranium	238-1	533	392	400	442	18.00	cps
Vanadium	51-2	493	590	493	526	10.62	cps
Yttrium	89-1	10776404	10790310	10695025	10753913	0.48	cps
Yttrium	89-2	3146759	3161479	3177439	3161892	0.49	cps
Zinc	66-2	7365	7615	7565	7515	1.76	cps
Zirconium	90-1	808	708	800	772	7.19	cps
Zirconium	91-1	150	192	125	156	21.65	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17316277	16858644	16841422	17005448	1.58	cps
Antimony	121-1	116079	124090	131225	123798	6.12	cps
Arsenic	75-2	8427	8573	8215	8405	2.14	cps
Barium	135-1	28914	31419	32530	30954	5.98	cps
Barium	137-1	50316	53611	55844	53257	5.22	cps
Beryllium	9-1	23428	25338	26076	24947	5.48	cps
Bismuth	209-1	4477952	4511209	4792213	4593791	3.76	cps
Bismuth	209-2	3728303	3776275	3728116	3744231	0.74	cps
Boron	10-1	8920	9153	9912	9328	5.56	cps
Boron	11-1	44416	46706	49122	46748	5.03	cps
Bromine	81-1	14299	14082	13874	14085	1.51	cps
Bromine	81-2	290	190	190	224	25.85	cps
Cadmium	111-1	30181	32665	33315	32053	5.16	cps
Cadmium	106-1	7744	8052	8044	7947	2.21	cps
Cadmium	108-1	4055	3826	3976	3952	2.95	cps
Calcium	43-1	1666703	1815267	1844692	1775554	5.37	cps
Calcium	44-1	26378894	28832995	29844548	28352146	6.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138293	136839	137020	137384	0.58	cps
Cobalt	59-2	112750	114346	112790	113295	0.80	cps
Copper	63-2	103495	102685	103454	103211	0.44	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	20	33	10	21	55.45	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	50	27	47	41	30.69	cps
Gadolinium	160-1	67	75	58	67	12.50	cps
Gadolinium	160-2	123	167	187	159	20.38	cps
Holmium	165-1	6697823	6862489	7109679	6889997	3.01	cps
Holmium	165-2	5092871	5065020	5091403	5083098	0.31	cps
Indium	115-1	4966255	5048167	5338564	5117662	3.82	cps
Indium	115-2	2056409	2073912	2029786	2053369	1.08	cps
Iron	56-2	306776074	301375951	299659473	302603833	1.23	cps
Iron	57-2	7459635	7531581	7464545	7485254	0.54	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16556175	16556480	16472023	16528226	0.29	cps
Krypton	83-1	11024	10837	11131	10998	1.35	cps
Lead	206-1	129272	143367	146231	139623	6.50	cps
Lead	207-1	106739	116357	120756	114617	6.25	cps
Lead	208-1	500963	547777	564755	537832	6.14	cps
Lithium	6-1	1352889	1356800	1461229	1390306	4.42	cps
Magnesium	24-2	32114165	31486676	31161706	31587516	1.53	cps
Manganese	55-2	68178	68423	68594	68398	0.31	cps
Molybdenum	94-1	3471065	3784737	3873239	3709680	5.70	cps
Molybdenum	95-1	5819830	6281175	6421817	6174274	5.10	cps
Molybdenum	96-1	6006165	6777076	6880521	6554587	7.29	cps
Molybdenum	97-1	3468765	3899631	3988998	3785798	7.35	cps
Molybdenum	98-1	9073522	9964441	10185253	9741072	6.04	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	27	23	13	21	32.88	cps
Nickel	60-2	34651	34517	35135	34767	0.94	cps
Phosphorus	31-2	1020573	1001588	1001250	1007804	1.10	cps
Potassium	39-2	33700995	33670063	33737256	33702771	0.10	cps
Rhodium	103-1	4535628	4759239	4980727	4758531	4.68	cps
Rhodium	103-2	3308496	3313075	3316444	3312671	0.12	cps
Scandium	45-1	3189628	3272409	3397947	3286661	3.19	cps
Scandium	45-2	344494	343390	340998	342961	0.52	cps
Selenium	82-1	2164	2870	2470	2502	14.15	cps
Selenium	77-2	287	323	270	293	9.30	cps
Selenium	78-2	1337	1348	1306	1330	1.66	cps
Silicon	28-1	604968	632570	636450	624663	2.75	cps
Silver	107-1	142084	160509	160093	154228	6.82	cps
Silver	109-1	137778	151540	151838	147052	5.46	cps
Sodium	23-2	55042730	54014971	53701136	54252946	1.29	cps
Strontium	86-1	177901	196219	198780	190967	5.96	cps
Strontium	88-1	1424711	1537585	1589275	1517190	5.55	cps
Sulfur	34-1	3246981	3476200	3524428	3415870	4.34	cps
Terbium	159-1	6765184	6815732	7182240	6921052	3.29	cps
Terbium	159-2	5002981	5170491	5064157	5079210	1.67	cps
Thallium	203-1	129890	144969	149003	141287	7.13	cps
Thallium	205-1	315416	347728	357786	340310	6.51	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:49:30	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	253703	282773	287327	274601	6.64	cps
Tin	118-1	248533	272987	280380	267300	6.24	cps
Titanium	47-1	1639378	1760018	1847501	1748966	5.97	cps
Uranium	238-1	1066669	1171474	1210402	1149515	6.47	cps
Vanadium	51-2	57430	58607	57299	57779	1.25	cps
Yttrium	89-1	10376598	10780773	11032003	10729792	3.08	cps
Yttrium	89-2	3161577	3257531	3161871	3193660	1.73	cps
Zinc	66-2	20655	20030	20615	20433	1.71	cps
Zirconium	90-1	534049	590565	607761	577458	6.68	cps
Zirconium	91-1	119699	130642	134894	128412	6.10	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9547787	9685149	10063262	9765399	2.73	cps
Antimony	121-1	2788536	2869665	2963778	2873993	3.05	cps
Arsenic	75-2	210315	210055	214920	211764	1.29	cps
Barium	135-1	3510438	3617771	3731763	3619991	3.06	cps
Barium	137-1	6106490	6278150	6377498	6254046	2.19	cps
Beryllium	9-1	598741	617885	643741	620122	3.64	cps
Bismuth	209-1	4902912	4839976	4939125	4894004	1.03	cps
Bismuth	209-2	3848742	3878649	3878337	3868576	0.44	cps
Boron	10-1	72557	78330	84722	78536	7.75	cps
Boron	11-1	354866	382427	412030	383108	7.46	cps
Bromine	81-1	12622	12764	13106	12831	1.94	cps
Bromine	81-2	140	130	60	110	39.63	cps
Cadmium	111-1	746943	780994	796112	774683	3.25	cps
Cadmium	106-1	89093	90501	93360	90985	2.39	cps
Cadmium	108-1	62477	63854	65118	63817	2.07	cps
Calcium	43-1	4535574	4701656	4767135	4668122	2.56	cps
Calcium	44-1	72044012	74996389	77192640	74744347	3.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1751160	1763645	1806892	1773899	1.65	cps
Cobalt	59-2	2705103	2671418	2737637	2704719	1.22	cps
Copper	63-2	19868239	20262909	20329365	20153504	1.24	cps
Dysprosium	156-1	558	667	592	606	9.16	cps
Dysprosium	156-2	600	563	573	579	3.27	cps
Erbium	164-1	108	117	142	122	14.19	cps
Erbium	164-2	120	100	97	106	11.95	cps
Gadolinium	160-1	642	525	725	631	15.93	cps
Gadolinium	160-2	507	597	643	582	11.93	cps
Holmium	165-1	7324633	7241614	7383881	7316710	0.98	cps
Holmium	165-2	5343397	5259119	5384116	5328877	1.20	cps
Indium	115-1	5338242	5393585	5451235	5394354	1.05	cps
Indium	115-2	2140087	2122992	2219662	2160914	2.39	cps
Iron	56-2	385409764	386083020	392888053	388126946	1.07	cps
Iron	57-2	9520090	9529261	9668149	9572500	0.87	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	21159775	21277626	21467201	21301534	0.73	cps
Krypton	83-1	11398	11194	11388	11327	1.01	cps
Lead	206-1	13686346	14141115	14417335	14081599	2.62	cps
Lead	207-1	12113087	12473466	12499117	12361890	1.75	cps
Lead	208-1	55659500	56608083	58024395	56763993	2.10	cps
Lithium	6-1	1465662	1461540	1488742	1471981	1.00	cps
Magnesium	24-2	88362663	90078855	90896991	89779503	1.44	cps
Manganese	55-2	12793133	12940939	13073916	12935996	1.09	cps
Molybdenum	94-1	10608767	11266657	11293409	11056278	3.51	cps
Molybdenum	95-1	15521424	16161376	16498188	16060329	3.09	cps
Molybdenum	96-1	16637388	17427015	17840506	17301637	3.53	cps
Molybdenum	97-1	9583208	9917256	10135073	9878512	2.81	cps
Molybdenum	98-1	24861440	25605431	26231888	25566253	2.68	cps
Neodymium	150-1	213	200	260	224	14.04	cps
Neodymium	150-2	50	43	60	51	16.42	cps
Nickel	60-2	689859	694796	696715	693790	0.51	cps
Phosphorus	31-2	107944	111578	110479	110000	1.69	cps
Potassium	39-2	45716804	46237962	46762311	46239026	1.13	cps
Rhodium	103-1	5054662	5019502	5151949	5075371	1.35	cps
Rhodium	103-2	3473577	3422994	3533844	3476805	1.60	cps
Scandium	45-1	3575266	3605340	3730891	3637165	2.27	cps
Scandium	45-2	376924	370956	381660	376513	1.42	cps
Selenium	82-1	61006	63694	65123	63274	3.30	cps
Selenium	77-2	7192	7402	7549	7381	2.43	cps
Selenium	78-2	24788	24426	25242	24819	1.65	cps
Silicon	28-1	2676262	2884451	3049508	2870074	6.52	cps
Silver	107-1	3743921	3926468	3977440	3882610	3.16	cps
Silver	109-1	3622783	3709215	3789932	3707310	2.25	cps
Sodium	23-2	141474925	143972770	147555231	144334309	2.12	cps
Strontium	86-1	1020123	1070880	1083818	1058274	3.18	cps
Strontium	88-1	8579153	9060058	9145603	8928271	3.42	cps
Sulfur	34-1	599965	616419	622145	612843	1.88	cps
Terbium	159-1	7440443	7229990	7482672	7384368	1.83	cps
Terbium	159-2	5414855	5322021	5467562	5401479	1.36	cps
Thallium	203-1	3345471	3395427	3497144	3412681	2.26	cps
Thallium	205-1	7959801	8297988	8406273	8221354	2.83	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 17:55:18	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12415333	12977506	13174605	12855814	3.06	cps
Tin	118-1	2437111	2536251	2602985	2525449	3.30	cps
Titanium	47-1	4393877	4496336	4685153	4525122	3.27	cps
Uranium	238-1	11375653	11990367	12322527	11896183	4.04	cps
Vanadium	51-2	1486914	1507867	1542573	1512451	1.86	cps
Yttrium	89-1	11609551	11849239	11727544	11728778	1.02	cps
Yttrium	89-2	3451378	3393848	3473842	3439689	1.20	cps
Zinc	66-2	3412310	3429067	3457213	3432863	0.66	cps
Zirconium	90-1	5407386	5537045	5758694	5567708	3.19	cps
Zirconium	91-1	1230826	1278624	1303599	1271016	2.91	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 18:06:34 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178	139	150	156	12.88	cps
Antimony	121-1	300	283	333	306	8.33	cps
Arsenic	75-2	7	9	4	7	41.70	cps
Barium	135-1	75	67	42	61	28.38	cps
Barium	137-1	67	117	50	78	44.61	cps
Beryllium	9-1	27	27	33	29	13.31	cps
Bismuth	209-1	5167515	4895419	5014714	5025883	2.71	cps
Bismuth	209-2	3892447	3957901	3973593	3941314	1.09	cps
Boron	10-1	2009	1884	1667	1853	9.33	cps
Boron	11-1	9612	9695	9562	9623	0.70	cps
Bromine	81-1	12406	12314	11672	12130	3.30	cps
Bromine	81-2	50	70	30	50	40.00	cps
Cadmium	111-1	303	338	393	345	13.24	cps
Cadmium	106-1	3234	3734	3967	3645	10.28	cps
Cadmium	108-1	71	117	58	82	37.49	cps
Calcium	43-1	283	116	125	174	53.80	cps
Calcium	44-1	112722	114510	113124	113452	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1397	1473	1313	1395	5.74	cps
Cobalt	59-2	193	190	140	174	17.13	cps
Copper	63-2	1137	1000	1050	1062	6.51	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	83	75	58	72	17.62	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	92	67	25	61	55.11	cps
Gadolinium	160-2	150	143	150	148	2.60	cps
Holmium	165-1	7210503	6862508	6980222	7017745	2.52	cps
Holmium	165-2	5049102	5085188	5186203	5106831	1.39	cps
Indium	115-1	5395071	5414916	5414101	5408030	0.21	cps
Indium	115-2	2086663	2140290	2135977	2120977	1.40	cps
Iron	56-2	18668	17655	18517	18280	2.99	cps
Iron	57-2	672	650	478	600	17.74	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:06:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1492	1542	1822	1618	11.00	cps
Krypton	83-1	11134	11371	11038	11181	1.53	cps
Lead	206-1	1617	1517	1595	1576	3.33	cps
Lead	207-1	1317	1328	1211	1285	5.01	cps
Lead	208-1	6362	6556	6234	6384	2.54	cps
Lithium	6-1	1566119	1508306	1536152	1536859	1.88	cps
Magnesium	24-2	1111	1061	928	1033	9.17	cps
Manganese	55-2	257	263	243	254	4.00	cps
Molybdenum	94-1	467	342	442	417	15.88	cps
Molybdenum	95-1	558	425	308	431	29.05	cps
Molybdenum	96-1	850	550	492	631	30.49	cps
Molybdenum	97-1	258	183	217	219	17.12	cps
Molybdenum	98-1	908	492	708	703	29.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	30	23	27	12.51	cps
Phosphorus	31-2	392	342	417	383	9.96	cps
Potassium	39-2	73822	74307	75698	74609	1.31	cps
Rhodium	103-1	5319311	5167687	5222252	5236416	1.47	cps
Rhodium	103-2	3420749	3481174	3422977	3441633	1.00	cps
Scandium	45-1	3585188	3320561	3479732	3461827	3.85	cps
Scandium	45-2	341515	338802	347853	342723	1.36	cps
Selenium	82-1	18	-362	78	-89	-268.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	374	409	343	375	8.89	cps
Silicon	28-1	337920	336100	330781	334934	1.11	cps
Silver	107-1	225	208	233	222	5.73	cps
Silver	109-1	158	233	175	189	20.85	cps
Sodium	23-2	38699	38281	38788	38589	0.70	cps
Strontium	86-1	17511	17561	17302	17458	0.79	cps
Strontium	88-1	167	292	258	239	27.10	cps
Sulfur	34-1	279446	283603	282697	281916	0.78	cps
Terbium	159-1	7276951	7055777	7020439	7117722	1.95	cps
Terbium	159-2	4970948	5133256	5086051	5063418	1.65	cps
Thallium	203-1	3751	3792	3909	3817	2.15	cps
Thallium	205-1	8653	9295	8878	8942	3.64	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:06:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	139	256	213	30.24	cps
Tin	118-1	725	883	700	770	12.92	cps
Titanium	47-1	158	125	100	128	22.91	cps
Uranium	238-1	175	100	208	161	34.44	cps
Vanadium	51-2	10	30	23	21	48.24	cps
Yttrium	89-1	11512929	11110351	11216265	11279848	1.85	cps
Yttrium	89-2	3139928	3213483	3124425	3159279	1.51	cps
Zinc	66-2	317	290	333	313	6.98	cps
Zirconium	90-1	800	675	542	672	19.22	cps
Zirconium	91-1	117	125	150	131	13.29	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3673	3851	3867	3797	2.84	cps
Antimony	121-1	10513	11138	11855	11169	6.02	cps
Arsenic	75-2	446	439	437	441	1.11	cps
Barium	135-1	12631	13498	14166	13432	5.73	cps
Barium	137-1	22460	23203	24856	23506	5.22	cps
Beryllium	9-1	1190	1347	1380	1306	7.77	cps
Bismuth	209-1	5085142	4916335	4720266	4907248	3.72	cps
Bismuth	209-2	3882624	3977402	3914487	3924838	1.23	cps
Boron	10-1	4226	4951	5218	4798	10.70	cps
Boron	11-1	19989	22442	24228	22220	9.58	cps
Bromine	81-1	12889	12489	13457	12945	3.76	cps
Bromine	81-2	90	70	130	97	31.60	cps
Cadmium	111-1	1778	1819	1858	1818	2.21	cps
Cadmium	106-1	3651	3651	3376	3559	4.46	cps
Cadmium	108-1	208	208	138	185	22.14	cps
Calcium	43-1	9352	10152	9651	9719	4.16	cps
Calcium	44-1	246391	256058	252973	251807	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8653	8142	8563	8452	3.22	cps
Cobalt	59-2	5638	5481	5688	5602	1.93	cps
Copper	63-2	8839	8853	8909	8867	0.42	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	75	50	50	58	24.74	cps
Erbium	164-2	53	60	60	58	6.67	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Gadolinium	160-2	143	183	170	166	12.30	cps
Holmium	165-1	7270647	6930906	6818625	7006726	3.36	cps
Holmium	165-2	4918692	5064181	4973460	4985445	1.47	cps
Indium	115-1	5538093	5280494	5241966	5353518	3.01	cps
Indium	115-2	2068793	2128277	2105938	2101003	1.43	cps
Iron	56-2	178419	176624	176188	177077	0.67	cps
Iron	57-2	4768	4962	4573	4767	4.08	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10855	11486	10555	10965	4.34	cps
Krypton	83-1	10927	10724	10717	10790	1.11	cps
Lead	206-1	5785	6113	6313	6070	4.39	cps
Lead	207-1	5196	5318	5301	5271	1.26	cps
Lead	208-1	23436	24498	24626	24187	2.70	cps
Lithium	6-1	1541627	1481039	1493092	1505253	2.13	cps
Magnesium	24-2	167663	166469	166132	166755	0.48	cps
Manganese	55-2	2804	2797	2977	2859	3.57	cps
Molybdenum	94-1	12556	12889	13123	12856	2.22	cps
Molybdenum	95-1	14808	16585	16493	15962	6.27	cps
Molybdenum	96-1	16168	17678	18153	17333	5.98	cps
Molybdenum	97-1	8744	10196	9737	9559	7.76	cps
Molybdenum	98-1	23461	25239	26191	24964	5.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1347	1363	1333	1348	1.12	cps
Phosphorus	31-2	625	658	500	594	14.04	cps
Potassium	39-2	254883	256093	250277	253751	1.21	cps
Rhodium	103-1	5341031	5062961	5153861	5185951	2.73	cps
Rhodium	103-2	3412766	3479963	3440504	3444411	0.98	cps
Scandium	45-1	3544519	3412101	3367088	3441236	2.68	cps
Scandium	45-2	342235	349640	341268	344381	1.33	cps
Selenium	82-1	693	575	538	602	13.47	cps
Selenium	77-2	67	87	80	78	13.09	cps
Selenium	78-2	694	633	650	659	4.79	cps
Silicon	28-1	378104	383499	381902	381168	0.73	cps
Silver	107-1	7144	7069	8036	7416	7.26	cps
Silver	109-1	6485	7277	7310	7024	6.65	cps
Sodium	23-2	298632	298578	300068	299093	0.28	cps
Strontium	86-1	19647	19238	19472	19452	1.05	cps
Strontium	88-1	15959	17394	17486	16946	5.05	cps
Sulfur	34-1	287582	287525	287603	287570	0.01	cps
Terbium	159-1	7255395	7079135	6978923	7104484	1.97	cps
Terbium	159-2	5052478	5056965	5004465	5037969	0.58	cps
Thallium	203-1	8786	8778	9037	8867	1.66	cps
Thallium	205-1	20917	22110	21468	21498	2.78	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:14:59	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19999	21468	21496	20988	4.08	cps
Tin	118-1	24966	26351	25634	25650	2.70	cps
Titanium	47-1	4309	4351	4634	4431	3.99	cps
Uranium	238-1	18556	20149	19849	19518	4.34	cps
Vanadium	51-2	14420	14010	13756	14062	2.38	cps
Yttrium	89-1	11509603	11294645	10976267	11260171	2.38	cps
Yttrium	89-2	3202887	3152774	3213238	3189633	1.01	cps
Zinc	66-2	1683	1833	1717	1745	4.52	cps
Zirconium	90-1	10563	10971	11246	10927	3.15	cps
Zirconium	91-1	2475	2342	2592	2470	5.07	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	544771	533804	541344	539973	1.04	cps
Antimony	121-1	1876200	1903375	1932250	1903941	1.47	cps
Arsenic	75-2	269007	263820	270127	267651	1.26	cps
Barium	135-1	1561319	1585481	1614484	1587095	1.68	cps
Barium	137-1	2649727	2688886	2760408	2699674	2.08	cps
Beryllium	9-1	455475	472250	469943	465889	1.95	cps
Bismuth	209-1	5026889	5054631	5138587	5073369	1.15	cps
Bismuth	209-2	3996383	4017153	4145459	4052998	1.99	cps
Boron	10-1	224546	249913	260996	245152	7.62	cps
Boron	11-1	1072809	1190000	1253133	1171981	7.81	cps
Bromine	81-1	13432	12539	12531	12834	4.03	cps
Bromine	81-2	130	80	90	100	26.46	cps
Cadmium	111-1	790150	818583	834565	814433	2.76	cps
Cadmium	106-1	78959	81088	83159	81069	2.59	cps
Cadmium	108-1	56398	59564	58966	58310	2.89	cps
Calcium	43-1	3491	3258	3233	3327	4.28	cps
Calcium	44-1	105072	104094	106684	105283	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467312	465444	470191	467649	0.51	cps
Cobalt	59-2	2425417	2330416	2404929	2386921	2.09	cps
Copper	63-2	1650803	1636836	1696415	1661351	1.88	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	37	33	43	38	13.48	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	23	50	60	44	42.65	cps
Gadolinium	160-1	50	100	50	67	43.30	cps
Gadolinium	160-2	163	157	180	167	7.21	cps
Holmium	165-1	7191250	7247543	7299165	7245986	0.74	cps
Holmium	165-2	5112677	5156904	5266478	5178686	1.53	cps
Indium	115-1	5472590	5494799	5619106	5528831	1.43	cps
Indium	115-2	2188608	2137392	2259424	2195141	2.79	cps
Iron	56-2	11023876	10864062	10981514	10956484	0.76	cps
Iron	57-2	282151	282688	282091	282310	0.12	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	646031	636951	655235	646073	1.42	cps
Krypton	83-1	10847	11128	11038	11004	1.30	cps
Lead	206-1	5484418	5796592	5789038	5690016	3.13	cps
Lead	207-1	4893872	5070468	5102925	5022421	2.24	cps
Lead	208-1	22443185	23181315	23311740	22978747	2.04	cps
Lithium	6-1	1570876	1561555	1542485	1558305	0.93	cps
Magnesium	24-2	294	350	306	317	9.28	cps
Manganese	55-2	2293258	2287965	2359035	2313419	1.71	cps
Molybdenum	94-1	365971	381343	384843	377386	2.66	cps
Molybdenum	95-1	652525	671804	688028	670785	2.65	cps
Molybdenum	96-1	683323	706589	727671	705861	3.14	cps
Molybdenum	97-1	399378	407917	419134	408810	2.42	cps
Molybdenum	98-1	1028352	1070617	1081196	1060055	2.64	cps
Neodymium	150-1	47	100	107	84	38.94	cps
Neodymium	150-2	27	13	37	26	45.82	cps
Nickel	60-2	785570	775150	791332	784017	1.05	cps
Phosphorus	31-2	392	325	375	364	9.53	cps
Potassium	39-2	70740	70883	71787	71137	0.80	cps
Rhodium	103-1	5394684	5371875	5391719	5386093	0.23	cps
Rhodium	103-2	3557670	3521404	3624218	3567764	1.46	cps
Scandium	45-1	3516645	3556207	3640571	3571141	1.77	cps
Scandium	45-2	357634	355870	362962	358822	1.03	cps
Selenium	82-1	26370	27246	26905	26840	1.65	cps
Selenium	77-2	3110	2910	3110	3044	3.79	cps
Selenium	78-2	10589	10521	10558	10556	0.33	cps
Silicon	28-1	627868	641366	641084	636773	1.21	cps
Silver	107-1	7672385	7810003	7963590	7815326	1.86	cps
Silver	109-1	7249461	7420231	7497709	7389134	1.72	cps
Sodium	23-2	45952	43857	45144	44984	2.35	cps
Strontium	86-1	578172	599212	606604	594662	2.48	cps
Strontium	88-1	4884764	4935500	5022796	4947687	1.41	cps
Sulfur	34-1	277776	273831	265637	272415	2.27	cps
Terbium	159-1	7288762	7164589	7288330	7247227	0.99	cps
Terbium	159-2	5139734	5033832	5306192	5159920	2.66	cps
Thallium	203-1	1879456	1954191	1940267	1924638	2.06	cps
Thallium	205-1	4497510	4705185	4746666	4649787	2.87	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:23:19	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	89	89	67	81	15.74	cps
Tin	118-1	1697	1611	1584	1631	3.61	cps
Titanium	47-1	100	158	192	150	30.93	cps
Uranium	238-1	42	17	42	33	43.30	cps
Vanadium	51-2	4948918	4831394	4934413	4904908	1.31	cps
Yttrium	89-1	11464300	11570671	11711748	11582239	1.07	cps
Yttrium	89-2	3212863	3245744	3356142	3271583	2.29	cps
Zinc	66-2	405400	403714	415487	408200	1.56	cps
Zirconium	90-1	1117	1083	1008	1070	5.19	cps
Zirconium	91-1	600	708	717	675	9.64	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18055	17449	17104	17536	2.75	cps
Antimony	121-1	567	708	875	717	21.54	cps
Arsenic	75-2	19	17	9	15	33.07	cps
Barium	135-1	375	550	408	444	20.91	cps
Barium	137-1	625	592	475	564	13.97	cps
Beryllium	9-1	43	47	47	46	4.23	cps
Bismuth	209-1	5187849	5037357	5072904	5099370	1.54	cps
Bismuth	209-2	4107581	4010181	4068309	4062024	1.21	cps
Boron	10-1	62530	66463	67108	65367	3.79	cps
Boron	11-1	306316	315864	332727	318302	4.20	cps
Bromine	81-1	13190	14091	13106	13462	4.05	cps
Bromine	81-2	150	80	40	90	61.87	cps
Cadmium	111-1	440	502	465	469	6.63	cps
Cadmium	106-1	3801	4251	4167	4073	5.88	cps
Cadmium	108-1	63	63	63	63	0.00	cps
Calcium	43-1	193	210	226	210	7.99	cps
Calcium	44-1	108798	104426	104006	105743	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1663	1630	1473	1589	6.39	cps
Cobalt	59-2	607	570	630	602	5.02	cps
Copper	63-2	1080	1167	1110	1119	3.93	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	83	83	58	75	19.25	cps
Erbium	164-2	50	37	67	51	29.41	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	177	160	193	177	9.44	cps
Holmium	165-1	7218796	7028357	7197464	7148206	1.46	cps
Holmium	165-2	5184831	5130597	5288114	5201181	1.54	cps
Indium	115-1	5379649	5379114	5236488	5331751	1.55	cps
Indium	115-2	2128483	2093457	2161662	2127867	1.60	cps
Iron	56-2	19513	19647	19202	19454	1.17	cps
Iron	57-2	600	711	667	659	8.48	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1482	1702	1602	1595	6.91	cps
Krypton	83-1	10827	10414	10764	10668	2.09	cps
Lead	206-1	2117	2739	3212	2689	20.42	cps
Lead	207-1	1922	2306	2667	2298	16.20	cps
Lead	208-1	8251	10819	12975	10682	22.14	cps
Lithium	6-1	1541400	1516277	1518764	1525481	0.91	cps
Magnesium	24-2	556	561	506	541	5.66	cps
Manganese	55-2	240	240	287	256	10.54	cps
Molybdenum	94-1	6260	6126	6777	6388	5.38	cps
Molybdenum	95-1	242	217	200	219	9.56	cps
Molybdenum	96-1	1667	1442	1333	1481	11.49	cps
Molybdenum	97-1	183	150	83	139	36.66	cps
Molybdenum	98-1	533	583	475	531	10.22	cps
Neodymium	150-1	13	40	13	22	69.30	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	613	557	587	586	4.84	cps
Phosphorus	31-2	350	475	425	417	15.10	cps
Potassium	39-2	72616	73067	72415	72699	0.46	cps
Rhodium	103-1	5568415	5320767	5311503	5400228	2.70	cps
Rhodium	103-2	3571004	3568916	3615130	3585017	0.73	cps
Scandium	45-1	3599580	3567726	3518047	3561784	1.15	cps
Scandium	45-2	357438	351571	356721	355243	0.90	cps
Selenium	82-1	-361	438	13	30	1325.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	452	428	380	420	8.76	cps
Silicon	28-1	9836379	10385962	10404475	10208939	3.16	cps
Silver	107-1	2292	1967	1492	1917	20.99	cps
Silver	109-1	1984	1692	1558	1745	12.46	cps
Sodium	23-2	158119	159876	159035	159010	0.55	cps
Strontium	86-1	17085	17561	16827	17158	2.17	cps
Strontium	88-1	667	800	817	761	10.80	cps
Sulfur	34-1	249587	243138	238880	243868	2.21	cps
Terbium	159-1	7453117	7113798	7284875	7283930	2.33	cps
Terbium	159-2	5294607	5171186	5328819	5264870	1.57	cps
Thallium	203-1	3817	3692	4276	3928	7.82	cps
Thallium	205-1	8995	9587	9195	9259	3.25	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:26:02	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	106	172	135	25.11	cps
Tin	118-1	8843394	9290586	9204788	9112923	2.60	cps
Titanium	47-1	247502	264982	258227	256904	3.43	cps
Uranium	238-1	83	108	75	89	19.52	cps
Vanadium	51-2	187	183	157	176	9.37	cps
Yttrium	89-1	11635894	11460714	11544489	11547032	0.76	cps
Yttrium	89-2	3319788	3295873	3368776	3328146	1.12	cps
Zinc	66-2	483	510	537	510	5.23	cps
Zirconium	90-1	17277	17169	17102	17183	0.51	cps
Zirconium	91-1	3976	4051	3842	3956	2.67	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344	189	217	250	33.19	cps
Antimony	121-1	1067	933	733	911	18.41	cps
Arsenic	75-2	41	67	52	53	24.51	cps
Barium	135-1	1258	1108	1125	1164	7.06	cps
Barium	137-1	2159	1483	1817	1820	18.55	cps
Beryllium	9-1	50	67	37	51	29.41	cps
Bismuth	209-1	9524965	9386545	9132826	9348112	2.13	cps
Bismuth	209-2	7119182	6949584	6732391	6933719	2.80	cps
Boron	10-1	8861	9753	9228	9281	4.83	cps
Boron	11-1	46321	45419	43045	44928	3.77	cps
Bromine	81-1	13974	14466	14099	14180	1.80	cps
Bromine	81-2	470	470	460	467	1.24	cps
Cadmium	111-1	1031	971	876	959	8.15	cps
Cadmium	106-1	7185	7235	6960	7127	2.06	cps
Cadmium	108-1	83	88	58	76	20.65	cps
Calcium	43-1	1888487	1932059	1910571	1910372	1.14	cps
Calcium	44-1	30286049	31088131	30846453	30740211	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517	550	543	537	3.29	cps
Cobalt	59-2	423	473	380	426	10.98	cps
Copper	63-2	1267	1217	1227	1237	2.14	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	142	100	83	108	27.73	cps
Erbium	164-2	70	73	73	72	2.66	cps
Gadolinium	160-1	58	67	117	81	39.17	cps
Gadolinium	160-2	340	380	340	353	6.54	cps
Holmium	165-1	14234914	13717029	13350943	13767629	3.23	cps
Holmium	165-2	9562935	9255182	8993161	9270426	3.08	cps
Indium	115-1	10461244	10399588	10064437	10308423	2.07	cps
Indium	115-2	3936631	3793671	3780190	3836831	2.26	cps
Iron	56-2	22139	21872	21938	21983	0.63	cps
Iron	57-2	21788	21488	21271	21516	1.21	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1101	1061	1121	1095	2.79	cps
Krypton	83-1	10691	10817	10704	10737	0.65	cps
Lead	206-1	5924	5757	5535	5738	3.40	cps
Lead	207-1	4918	4484	5057	4819	6.20	cps
Lead	208-1	23203	22174	22769	22715	2.27	cps
Lithium	6-1	2913844	2959775	2866456	2913358	1.60	cps
Magnesium	24-2	19701748	19102966	19292877	19365864	1.58	cps
Manganese	55-2	803	773	770	782	2.35	cps
Molybdenum	94-1	16101	16677	15726	16168	2.96	cps
Molybdenum	95-1	29455	28729	27201	28462	4.04	cps
Molybdenum	96-1	30040	31376	29647	30354	2.99	cps
Molybdenum	97-1	16460	17686	16718	16955	3.81	cps
Molybdenum	98-1	44427	44176	43775	44126	0.75	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	123	120	167	137	19.05	cps
Phosphorus	31-2	400	308	458	389	19.44	cps
Potassium	39-2	21358257	21332030	20961236	21217174	1.05	cps
Rhodium	103-1	10013756	10047793	9666944	9909498	2.13	cps
Rhodium	103-2	6353255	6242353	6111923	6235844	1.94	cps
Scandium	45-1	6776287	6850113	6735058	6787153	0.86	cps
Scandium	45-2	655713	639060	624260	639678	2.46	cps
Selenium	82-1	31	93	219	114	84.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	396	433	381	404	6.62	cps
Silicon	28-1	336917	332626	328907	332817	1.20	cps
Silver	107-1	1083	1133	1125	1114	2.40	cps
Silver	109-1	1108	1117	858	1028	14.28	cps
Sodium	23-2	26399204	26011383	25808783	26073124	1.15	cps
Strontium	86-1	51098	51015	51282	51131	0.27	cps
Strontium	88-1	300751	301467	295463	299227	1.10	cps
Sulfur	34-1	270406	293456	307943	290602	6.51	cps
Terbium	159-1	14091819	13904988	13606846	13867884	1.76	cps
Terbium	159-2	9378717	9238922	9049406	9222348	1.79	cps
Thallium	203-1	4576	4743	4718	4679	1.92	cps
Thallium	205-1	10855	10955	11614	11141	3.70	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:28:55	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	106	217	169	33.83	cps
Tin	118-1	2734	2342	1850	2309	19.18	cps
Titanium	47-1	200	217	200	206	4.68	cps
Uranium	238-1	150	175	217	181	18.65	cps
Vanadium	51-2	240	203	213	219	8.66	cps
Yttrium	89-1	22415641	22007846	21427071	21950186	2.26	cps
Yttrium	89-2	6064507	5838789	5761078	5888125	2.68	cps
Zinc	66-2	1097	1067	1023	1062	3.47	cps
Zirconium	90-1	1033	975	783	931	14.06	cps
Zirconium	91-1	225	108	167	167	35.00	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551850	557891	534932	548224	2.17	cps
Antimony	121-1	1922935	1976537	1983954	1961142	1.70	cps
Arsenic	75-2	277150	281264	271510	276641	1.77	cps
Barium	135-1	1576256	1627545	1653007	1618936	2.41	cps
Barium	137-1	2702513	2810456	2811624	2774865	2.26	cps
Beryllium	9-1	461949	468534	472315	467599	1.12	cps
Bismuth	209-1	5063830	5098024	5182729	5114861	1.20	cps
Bismuth	209-2	4147020	4237802	4058694	4147838	2.16	cps
Boron	10-1	232672	251299	263318	249096	6.20	cps
Boron	11-1	1117286	1183679	1293774	1198246	7.44	cps
Bromine	81-1	13423	13223	13273	13307	0.78	cps
Bromine	81-2	130	110	80	107	23.59	cps
Cadmium	111-1	815970	839346	860382	838566	2.65	cps
Cadmium	106-1	82010	84081	84995	83695	1.83	cps
Cadmium	108-1	56498	59335	60477	58770	3.49	cps
Calcium	43-1	3741	3024	3683	3483	11.43	cps
Calcium	44-1	112055	112599	109957	111537	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486742	484006	474502	481750	1.33	cps
Cobalt	59-2	2475855	2504587	2402587	2461009	2.14	cps
Copper	63-2	1714711	1749410	1675998	1713373	2.14	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	43	47	33	41	16.89	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	30	43	33	36	19.51	cps
Gadolinium	160-1	33	58	33	42	34.64	cps
Gadolinium	160-2	203	197	160	187	12.50	cps
Holmium	165-1	7046333	7165381	7321984	7177899	1.93	cps
Holmium	165-2	5330911	5364690	5196879	5297493	1.68	cps
Indium	115-1	5437648	5504610	5611651	5517969	1.59	cps
Indium	115-2	2252157	2260197	2260522	2257625	0.21	cps
Iron	56-2	11317917	11240550	10870629	11143032	2.15	cps
Iron	57-2	296699	294812	284217	291910	2.30	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	666482	662555	646465	658500	1.61	cps
Krypton	83-1	11334	11281	10807	11141	2.60	cps
Lead	206-1	5747767	5779754	5970477	5832666	2.06	cps
Lead	207-1	5021920	5074559	5254356	5116945	2.38	cps
Lead	208-1	23070185	23413962	23942479	23475542	1.87	cps
Lithium	6-1	1521292	1488674	1528138	1512701	1.39	cps
Magnesium	24-2	328	339	344	337	2.52	cps
Manganese	55-2	2407525	2360877	2304371	2357591	2.19	cps
Molybdenum	94-1	376048	389061	396743	387284	2.70	cps
Molybdenum	95-1	669759	693082	701842	688228	2.41	cps
Molybdenum	96-1	703317	725719	735735	721590	2.30	cps
Molybdenum	97-1	409843	418781	427391	418672	2.10	cps
Molybdenum	98-1	1055537	1100130	1099312	1084993	2.35	cps
Neodymium	150-1	160	133	87	127	29.30	cps
Neodymium	150-2	17	10	33	20	60.08	cps
Nickel	60-2	818213	824091	802185	814829	1.39	cps
Phosphorus	31-2	375	400	342	372	7.86	cps
Potassium	39-2	73487	74710	74935	74377	1.05	cps
Rhodium	103-1	5300081	5353015	5441880	5364992	1.34	cps
Rhodium	103-2	3609024	3744594	3641360	3664993	1.93	cps
Scandium	45-1	3508783	3577816	3625183	3570594	1.64	cps
Scandium	45-2	364780	371944	354583	363769	2.40	cps
Selenium	82-1	26883	27781	28180	27615	2.41	cps
Selenium	77-2	3240	3200	2887	3109	6.22	cps
Selenium	78-2	11195	11075	10884	11051	1.42	cps
Silicon	28-1	645323	650981	658281	651528	1.00	cps
Silver	107-1	7718802	7845170	8003801	7855924	1.82	cps
Silver	109-1	7373967	7570836	7738476	7561093	2.41	cps
Sodium	23-2	45946	46063	45707	45905	0.40	cps
Strontium	86-1	597755	611767	617742	609088	1.68	cps
Strontium	88-1	4997404	5153046	5336808	5162419	3.29	cps
Sulfur	34-1	305529	291466	284371	293788	3.67	cps
Terbium	159-1	7202632	7281044	7390233	7291303	1.29	cps
Terbium	159-2	5316557	5470040	5264639	5350412	2.00	cps
Thallium	203-1	1911282	1965712	1992146	1956380	2.11	cps
Thallium	205-1	4688324	4738123	4833819	4753422	1.56	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:35:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	50	61	65	26.19	cps
Tin	118-1	1797	1781	1919	1833	4.13	cps
Titanium	47-1	125	200	108	144	33.81	cps
Uranium	238-1	58	50	50	53	9.11	cps
Vanadium	51-2	5092845	5073299	4917768	5027970	1.91	cps
Yttrium	89-1	11310409	11729745	12021877	11687344	3.06	cps
Yttrium	89-2	3342073	3481406	3343133	3388871	2.36	cps
Zinc	66-2	430516	428869	414749	424711	2.04	cps
Zirconium	90-1	1050	1100	1275	1142	10.35	cps
Zirconium	91-1	850	617	767	744	15.88	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17538	17488	17377	17468	0.47	cps
Antimony	121-1	667	850	892	803	14.91	cps
Arsenic	75-2	20	26	30	25	18.42	cps
Barium	135-1	417	267	367	350	21.82	cps
Barium	137-1	417	550	525	497	14.26	cps
Beryllium	9-1	33	23	30	29	17.63	cps
Bismuth	209-1	5059668	5038294	4977668	5025210	0.85	cps
Bismuth	209-2	4135677	4107706	4132472	4125285	0.37	cps
Boron	10-1	63795	67576	66020	65797	2.89	cps
Boron	11-1	316671	321983	330403	323019	2.14	cps
Bromine	81-1	13423	13557	13899	13626	1.80	cps
Bromine	81-2	110	100	60	90	29.40	cps
Cadmium	111-1	485	424	417	442	8.47	cps
Cadmium	106-1	4167	3726	3267	3720	12.10	cps
Cadmium	108-1	75	46	38	53	37.31	cps
Calcium	43-1	177	167	118	154	20.49	cps
Calcium	44-1	112518	111872	109469	111286	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1743	1570	1650	1655	5.24	cps
Cobalt	59-2	587	557	533	559	4.78	cps
Copper	63-2	1103	1040	977	1040	6.09	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	67	40	30	46	41.61	cps
Gadolinium	160-1	33	58	67	53	32.87	cps
Gadolinium	160-2	193	157	223	191	17.47	cps
Holmium	165-1	7025230	7004661	7082095	7037329	0.57	cps
Holmium	165-2	5306224	5234757	5333332	5291438	0.96	cps
Indium	115-1	5171192	5297826	5273042	5247353	1.28	cps
Indium	115-2	2161380	2151460	2182671	2165170	0.74	cps
Iron	56-2	20603	19914	19519	20012	2.74	cps
Iron	57-2	600	650	711	654	8.51	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1712	1902	1782	1799	5.35	cps
Krypton	83-1	11148	11054	11271	11158	0.97	cps
Lead	206-1	2711	3528	3956	3399	18.61	cps
Lead	207-1	2534	3084	3378	2999	14.30	cps
Lead	208-1	11825	13847	16004	13892	15.05	cps
Lithium	6-1	1480857	1474496	1462140	1472497	0.65	cps
Magnesium	24-2	461	461	500	474	4.74	cps
Manganese	55-2	263	207	293	254	17.30	cps
Molybdenum	94-1	6577	6385	6410	6457	1.61	cps
Molybdenum	95-1	250	183	233	222	15.61	cps
Molybdenum	96-1	1525	1700	1508	1578	6.73	cps
Molybdenum	97-1	108	167	142	139	21.07	cps
Molybdenum	98-1	483	408	383	425	12.24	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	607	543	693	614	12.26	cps
Phosphorus	31-2	375	408	383	389	4.46	cps
Potassium	39-2	75329	74742	74215	74762	0.75	cps
Rhodium	103-1	5314363	5383367	5307924	5335218	0.78	cps
Rhodium	103-2	3688503	3681467	3725926	3698632	0.65	cps
Scandium	45-1	3512777	3536643	3558112	3535844	0.64	cps
Scandium	45-2	361655	358588	365563	361935	0.97	cps
Selenium	82-1	-18	220	56	86	141.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	385	383	415	394	4.48	cps
Silicon	28-1	10118779	10336645	10514754	10323393	1.92	cps
Silver	107-1	2492	1967	1683	2047	20.04	cps
Silver	109-1	2559	1533	1350	1814	35.90	cps
Sodium	23-2	161183	161419	162998	161867	0.61	cps
Strontium	86-1	18070	18662	17978	18237	2.04	cps
Strontium	88-1	833	633	667	711	15.07	cps
Sulfur	34-1	245533	240369	237702	241201	1.65	cps
Terbium	159-1	7151333	7127186	7160553	7146357	0.24	cps
Terbium	159-2	5314173	5193474	5233225	5246957	1.17	cps
Thallium	203-1	3851	3759	3617	3742	3.14	cps
Thallium	205-1	9695	9504	8820	9340	4.93	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:38:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	133	139	131	6.45	cps
Tin	118-1	8877329	9247803	9349427	9158187	2.71	cps
Titanium	47-1	256252	266951	265595	262933	2.22	cps
Uranium	238-1	92	150	100	114	27.70	cps
Vanadium	51-2	130	130	110	123	9.36	cps
Yttrium	89-1	11222558	11534904	11453541	11403667	1.42	cps
Yttrium	89-2	3406384	3398690	3318191	3374422	1.45	cps
Zinc	66-2	407	487	450	448	8.94	cps
Zirconium	90-1	16501	17853	17027	17127	3.98	cps
Zirconium	91-1	3676	3901	4009	3862	4.40	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	144	67	120	38.71	cps
Antimony	121-1	458	400	558	472	16.96	cps
Arsenic	75-2	57	44	31	44	29.17	cps
Barium	135-1	975	958	850	928	7.32	cps
Barium	137-1	1558	1658	1700	1639	4.44	cps
Beryllium	9-1	40	30	43	38	18.36	cps
Bismuth	209-1	9210101	9395494	8867722	9157772	2.92	cps
Bismuth	209-2	6904235	6837824	6882653	6874904	0.49	cps
Boron	10-1	10537	10320	9462	10106	5.63	cps
Boron	11-1	51379	47894	46874	48715	4.85	cps
Bromine	81-1	14341	14716	15542	14866	4.13	cps
Bromine	81-2	631	551	430	537	18.76	cps
Cadmium	111-1	926	949	911	928	2.04	cps
Cadmium	106-1	7052	7619	7777	7483	5.10	cps
Cadmium	108-1	54	67	42	54	23.08	cps
Calcium	43-1	1847934	1918938	1872443	1879772	1.92	cps
Calcium	44-1	29466822	30602403	29865578	29978268	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483	480	543	502	7.10	cps
Cobalt	59-2	337	393	397	376	8.98	cps
Copper	63-2	1103	1217	1003	1108	9.64	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	92	208	133	144	40.93	cps
Erbium	164-2	57	63	70	63	10.52	cps
Gadolinium	160-1	117	83	50	83	40.00	cps
Gadolinium	160-2	297	353	313	321	9.07	cps
Holmium	165-1	13727857	13879656	13054971	13554161	3.24	cps
Holmium	165-2	9144693	9105003	8983286	9077661	0.93	cps
Indium	115-1	10216690	10419262	10098180	10244710	1.58	cps
Indium	115-2	3910674	3886879	3880931	3892828	0.40	cps
Iron	56-2	19491	19324	19135	19316	0.92	cps
Iron	57-2	19669	20882	21187	20579	3.90	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1061	1061	991	1038	3.90	cps
Krypton	83-1	11004	11395	11254	11218	1.76	cps
Lead	206-1	5279	5451	5562	5431	2.63	cps
Lead	207-1	4873	4584	4912	4790	3.74	cps
Lead	208-1	21218	21329	22613	21720	3.57	cps
Lithium	6-1	2843121	2863284	2664186	2790197	3.93	cps
Magnesium	24-2	18536257	18599942	18499767	18545322	0.27	cps
Manganese	55-2	657	610	683	650	5.71	cps
Molybdenum	94-1	15834	15817	15025	15559	2.97	cps
Molybdenum	95-1	27827	27159	27377	27454	1.24	cps
Molybdenum	96-1	29940	30691	29264	29965	2.38	cps
Molybdenum	97-1	16443	17419	16618	16827	3.09	cps
Molybdenum	98-1	43976	43992	44235	44067	0.33	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	107	167	163	146	23.17	cps
Phosphorus	31-2	375	383	400	386	3.30	cps
Potassium	39-2	19498356	19556923	20009520	19688266	1.42	cps
Rhodium	103-1	9934119	9942822	9796865	9891269	0.83	cps
Rhodium	103-2	6241020	6208667	6321095	6256927	0.93	cps
Scandium	45-1	6699911	6731835	6777633	6736460	0.58	cps
Scandium	45-2	645902	649562	650072	648512	0.35	cps
Selenium	82-1	65	-254	34	-52	-340.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	417	407	411	412	1.13	cps
Silicon	28-1	347883	342568	338325	342925	1.40	cps
Silver	107-1	1208	1108	1017	1111	8.63	cps
Silver	109-1	1008	1083	1133	1075	5.85	cps
Sodium	23-2	24916775	24871537	25004761	24931024	0.27	cps
Strontium	86-1	50797	52938	50705	51480	2.45	cps
Strontium	88-1	286322	300829	291499	292883	2.51	cps
Sulfur	34-1	262996	292811	308700	288169	8.05	cps
Terbium	159-1	13541090	14071127	13514746	13708988	2.29	cps
Terbium	159-2	9075205	9307177	9195378	9192587	1.26	cps
Thallium	203-1	3084	2842	3009	2978	4.15	cps
Thallium	205-1	7461	7135	6685	7094	5.49	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:41:33	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	78	83	100	87	13.28	cps
Tin	118-1	2000	2184	1634	1939	14.45	cps
Titanium	47-1	192	150	125	156	21.65	cps
Uranium	238-1	17	50	33	33	50.00	cps
Vanadium	51-2	227	227	160	204	18.83	cps
Yttrium	89-1	21888858	22250991	21633781	21924543	1.41	cps
Yttrium	89-2	5902579	5921930	6039190	5954566	1.24	cps
Zinc	66-2	657	687	633	659	4.06	cps
Zirconium	90-1	950	917	925	931	1.86	cps
Zirconium	91-1	133	125	158	139	12.49	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	94	100	126	39.54	cps
Antimony	121-1	133	158	175	156	13.48	cps
Arsenic	75-2	6	15	9	10	47.14	cps
Barium	135-1	350	283	400	344	16.99	cps
Barium	137-1	433	467	458	453	3.83	cps
Beryllium	9-1	27	3	30	20	72.66	cps
Bismuth	209-1	5879702	6041536	5974521	5965253	1.36	cps
Bismuth	209-2	4820746	4751109	4784658	4785504	0.73	cps
Boron	10-1	7677	7010	7002	7230	5.36	cps
Boron	11-1	36912	34047	31909	34290	7.32	cps
Bromine	81-1	13982	14691	14733	14469	2.92	cps
Bromine	81-2	250	330	280	287	14.10	cps
Cadmium	111-1	531	526	551	536	2.43	cps
Cadmium	106-1	5209	4984	4876	5023	3.39	cps
Cadmium	108-1	33	50	29	38	29.40	cps
Calcium	43-1	666314	679848	671061	672407	1.02	cps
Calcium	44-1	9910856	10268134	10182266	10120419	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1187	1270	1097	1185	7.32	cps
Cobalt	59-2	147	140	153	147	4.55	cps
Copper	63-2	973	890	1007	957	6.28	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	47	40	40	42	9.12	cps
Gadolinium	160-1	25	67	33	42	52.92	cps
Gadolinium	160-2	227	217	217	220	2.62	cps
Holmium	165-1	8540014	8715279	8730072	8661789	1.22	cps
Holmium	165-2	6291228	6161161	6232629	6228339	1.05	cps
Indium	115-1	6504681	6675455	6743822	6641319	1.85	cps
Indium	115-2	2760368	2677950	2660582	2699633	1.97	cps
Iron	56-2	18206	18128	19190	18508	3.20	cps
Iron	57-2	7652	7435	8130	7739	4.59	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1281	1231	1331	1281	3.91	cps
Krypton	83-1	11321	11671	11458	11483	1.54	cps
Lead	206-1	4656	4857	4773	4762	2.11	cps
Lead	207-1	4006	4317	4062	4128	4.02	cps
Lead	208-1	18416	19328	19395	19046	2.87	cps
Lithium	6-1	1790417	1864986	1817030	1824144	2.07	cps
Magnesium	24-2	6584959	6365999	6419024	6456661	1.77	cps
Manganese	55-2	360	260	353	324	17.23	cps
Molybdenum	94-1	5501	5576	5476	5518	0.94	cps
Molybdenum	95-1	9061	9262	9253	9192	1.23	cps
Molybdenum	96-1	9478	10187	9337	9667	4.71	cps
Molybdenum	97-1	5184	5726	5718	5543	5.60	cps
Molybdenum	98-1	14249	14466	14383	14366	0.76	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	73	60	62	16.37	cps
Phosphorus	31-2	392	333	308	344	12.42	cps
Potassium	39-2	7079851	7027958	6916753	7008187	1.19	cps
Rhodium	103-1	6414891	6458472	6532723	6468695	0.92	cps
Rhodium	103-2	4460360	4348844	4348616	4385940	1.47	cps
Scandium	45-1	4298486	4367827	4400676	4355663	1.20	cps
Scandium	45-2	450312	446170	447267	447916	0.48	cps
Selenium	82-1	285	-26	147	135	115.22	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	396	393	433	407	5.53	cps
Silicon	28-1	348492	344881	350259	347877	0.79	cps
Silver	107-1	258	250	167	225	22.53	cps
Silver	109-1	300	267	267	278	6.93	cps
Sodium	23-2	8912955	8610739	8554573	8692756	2.22	cps
Strontium	86-1	28428	29054	29622	29035	2.06	cps
Strontium	88-1	97325	99204	98237	98255	0.96	cps
Sulfur	34-1	344488	347088	347208	346261	0.44	cps
Terbium	159-1	8597838	8732187	8806300	8712108	1.21	cps
Terbium	159-2	6448754	6180318	6272738	6300603	2.16	cps
Thallium	203-1	2617	2659	2525	2600	2.62	cps
Thallium	205-1	7094	6910	6727	6910	2.65	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:44:24	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	61	50	67	59	14.32	cps
Tin	118-1	683	758	725	722	5.21	cps
Titanium	47-1	33	133	75	81	62.36	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	10	33	17	20	60.08	cps
Yttrium	89-1	13969037	14158531	14233194	14120254	0.96	cps
Yttrium	89-2	4151141	4074815	4061790	4095915	1.18	cps
Zinc	66-2	443	437	510	463	8.75	cps
Zirconium	90-1	583	608	783	658	16.55	cps
Zirconium	91-1	133	100	117	117	14.29	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	128	128	113	22.71	cps
Antimony	121-1	67	83	92	81	15.80	cps
Arsenic	75-2	13	11	9	11	16.65	cps
Barium	135-1	217	308	300	275	18.43	cps
Barium	137-1	483	408	525	472	12.52	cps
Beryllium	9-1	27	20	23	23	14.29	cps
Bismuth	209-1	5980474	6096001	6233423	6103299	2.07	cps
Bismuth	209-2	4852339	4824492	4725177	4800669	1.39	cps
Boron	10-1	4684	4726	4492	4634	2.69	cps
Boron	11-1	23711	22826	23327	23288	1.91	cps
Bromine	81-1	14099	14408	13532	14013	3.17	cps
Bromine	81-2	370	300	360	344	11.03	cps
Cadmium	111-1	532	532	501	522	3.37	cps
Cadmium	106-1	4943	5243	4743	4976	5.06	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Calcium	43-1	663767	683646	674392	673935	1.48	cps
Calcium	44-1	10103198	10207324	10152814	10154446	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157	1243	1107	1169	5.92	cps
Cobalt	59-2	163	180	157	167	7.21	cps
Copper	63-2	893	940	923	919	2.57	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	92	58	75	22.23	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	58	83	92	78	22.31	cps
Gadolinium	160-2	240	227	160	209	20.52	cps
Holmium	165-1	8537555	8798833	8857299	8731229	1.95	cps
Holmium	165-2	6354079	6242236	6167014	6254443	1.50	cps
Indium	115-1	6745722	6871637	6753178	6790179	1.04	cps
Indium	115-2	2723697	2701169	2592102	2672323	2.63	cps
Iron	56-2	18634	18222	18122	18326	1.48	cps
Iron	57-2	7474	7102	7391	7322	2.67	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1111	1181	1211	1168	4.40	cps
Krypton	83-1	11288	11384	11495	11389	0.91	cps
Lead	206-1	4201	4379	4223	4267	2.27	cps
Lead	207-1	3512	3545	3567	3541	0.79	cps
Lead	208-1	16443	16921	16649	16671	1.44	cps
Lithium	6-1	1824883	1901896	1868618	1865132	2.07	cps
Magnesium	24-2	6321873	6355641	6345362	6340959	0.27	cps
Manganese	55-2	297	267	250	271	8.72	cps
Molybdenum	94-1	5359	5585	5393	5446	2.23	cps
Molybdenum	95-1	9103	9153	9061	9106	0.50	cps
Molybdenum	96-1	9670	9762	10004	9812	1.76	cps
Molybdenum	97-1	5735	5901	5476	5704	3.76	cps
Molybdenum	98-1	14199	14633	14416	14416	1.50	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	57	47	48	17.56	cps
Phosphorus	31-2	358	350	225	311	24.01	cps
Potassium	39-2	6936691	6843431	6802078	6860734	1.01	cps
Rhodium	103-1	6602183	6593709	6568023	6587972	0.27	cps
Rhodium	103-2	4394321	4330439	4189728	4304829	2.43	cps
Scandium	45-1	4470662	4545399	4476113	4497391	0.93	cps
Scandium	45-2	448346	435438	432087	438623	1.96	cps
Selenium	82-1	-50	48	-83	-28	-242.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	431	398	400	410	4.57	cps
Silicon	28-1	337451	330796	334375	334207	1.00	cps
Silver	107-1	200	275	175	217	24.02	cps
Silver	109-1	167	242	208	206	18.28	cps
Sodium	23-2	8481868	8371164	8466957	8439996	0.71	cps
Strontium	86-1	28512	30900	29321	29578	4.11	cps
Strontium	88-1	94162	96671	97887	96240	1.97	cps
Sulfur	34-1	341846	346004	347286	345045	0.82	cps
Terbium	159-1	8845131	8992643	8898514	8912096	0.84	cps
Terbium	159-2	6466573	6404065	6077946	6316195	3.30	cps
Thallium	203-1	3042	2909	2600	2850	7.95	cps
Thallium	205-1	6835	7110	6735	6894	2.82	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 18:47:17	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	22	22	61	35	63.82	cps
Tin	118-1	642	533	825	667	22.11	cps
Titanium	47-1	83	75	133	97	32.45	cps
Uranium	238-1	25	42	25	31	31.50	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	14159754	14470682	14273379	14301272	1.10	cps
Yttrium	89-2	4124536	4042065	3966733	4044445	1.95	cps
Zinc	66-2	413	423	373	403	6.56	cps
Zirconium	90-1	658	550	617	608	8.98	cps
Zirconium	91-1	150	142	67	119	38.42	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	94	117	96	20.26	cps
Antimony	121-1	50	83	75	69	24.98	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	150	100	50	100	50.00	cps
Barium	137-1	150	200	192	181	14.83	cps
Beryllium	9-1	17	7	7	10	57.72	cps
Bismuth	209-1	5359569	5514639	5496532	5456913	1.55	cps
Bismuth	209-2	4268749	4296180	4213826	4259585	0.98	cps
Boron	10-1	3751	3759	3709	3739	0.72	cps
Boron	11-1	18979	18946	18045	18656	2.84	cps
Bromine	81-1	14433	13665	13915	14004	2.79	cps
Bromine	81-2	160	260	180	200	26.46	cps
Cadmium	111-1	455	451	442	449	1.47	cps
Cadmium	106-1	4409	4367	4367	4381	0.55	cps
Cadmium	108-1	33	33	46	37	19.25	cps
Calcium	43-1	231340	245710	240691	239247	3.05	cps
Calcium	44-1	3547445	3768860	3721393	3679232	3.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393	1373	1263	1343	5.21	cps
Cobalt	59-2	113	133	93	113	17.65	cps
Copper	63-2	900	900	810	870	5.97	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	58	92	61	47.90	cps
Erbium	164-2	53	23	27	34	47.73	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	193	203	183	193	5.17	cps
Holmium	165-1	7760280	7842042	7855500	7819274	0.66	cps
Holmium	165-2	5492946	5487361	5469308	5483205	0.23	cps
Indium	115-1	5888276	6003262	6025643	5972394	1.23	cps
Indium	115-2	2392430	2381275	2342267	2371991	1.11	cps
Iron	56-2	17538	17978	18005	17840	1.47	cps
Iron	57-2	2978	3028	2928	2978	1.68	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1502	1572	1442	1505	4.33	cps
Krypton	83-1	11268	11481	11128	11292	1.58	cps
Lead	206-1	3801	3745	3756	3767	0.78	cps
Lead	207-1	3412	3245	3178	3278	3.67	cps
Lead	208-1	14887	14787	14937	14870	0.51	cps
Lithium	6-1	1657177	1642949	1650813	1650313	0.43	cps
Magnesium	24-2	2292049	2313580	2312778	2306136	0.53	cps
Manganese	55-2	187	197	203	196	4.29	cps
Molybdenum	94-1	1875	2025	2159	2020	7.02	cps
Molybdenum	95-1	2859	3409	3417	3228	9.91	cps
Molybdenum	96-1	3767	3817	3384	3656	6.49	cps
Molybdenum	97-1	1725	2075	2059	1953	10.11	cps
Molybdenum	98-1	4826	5234	5568	5209	7.13	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	33	50	41	20.41	cps
Phosphorus	31-2	475	558	442	492	12.22	cps
Potassium	39-2	2518264	2509544	2563392	2530400	1.14	cps
Rhodium	103-1	5843941	5759480	5823361	5808927	0.76	cps
Rhodium	103-2	3812476	3830179	3865497	3836050	0.70	cps
Scandium	45-1	3929680	3986815	3924929	3947141	0.87	cps
Scandium	45-2	390608	388570	384343	387840	0.82	cps
Selenium	82-1	90	-255	300	45	621.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	409	400	433	414	4.15	cps
Silicon	28-1	338230	340438	340014	339560	0.35	cps
Silver	107-1	133	125	183	147	21.43	cps
Silver	109-1	117	83	133	111	22.91	cps
Sodium	23-2	3071419	3108395	3095642	3091819	0.61	cps
Strontium	86-1	22643	22351	22217	22404	0.97	cps
Strontium	88-1	33740	34884	34976	34533	1.99	cps
Sulfur	34-1	351090	350930	348059	350026	0.49	cps
Terbium	159-1	7831530	7829840	7862549	7841306	0.23	cps
Terbium	159-2	5517941	5456878	5434458	5469759	0.79	cps
Thallium	203-1	3409	3125	3184	3239	4.62	cps
Thallium	205-1	7302	7711	7786	7600	3.42	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 18:50:07	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	67	33	50	50	33.34	cps
Tin	118-1	808	700	883	797	11.56	cps
Titanium	47-1	42	67	142	83	62.45	cps
Uranium	238-1	42	33	25	33	25.01	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	12726205	12678179	12652064	12685483	0.30	cps
Yttrium	89-2	3533295	3602612	3507652	3547853	1.38	cps
Zinc	66-2	403	367	457	409	11.07	cps
Zirconium	90-1	642	542	475	553	15.18	cps
Zirconium	91-1	67	58	167	97	62.01	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9970288	9899076	9748962	9872775	1.14	cps
Antimony	121-1	2867637	3027680	3010350	2968556	2.96	cps
Arsenic	75-2	212318	211149	212343	211937	0.32	cps
Barium	135-1	3672118	3721946	3814000	3736021	1.93	cps
Barium	137-1	6308599	6514391	6662497	6495162	2.74	cps
Beryllium	9-1	641016	647954	661354	650108	1.59	cps
Bismuth	209-1	4903141	4827135	4894816	4875031	0.86	cps
Bismuth	209-2	3907765	3837358	3877026	3874050	0.91	cps
Boron	10-1	76162	80686	84831	80560	5.38	cps
Boron	11-1	359041	396658	413205	389635	7.12	cps
Bromine	81-1	13156	12889	13273	13106	1.50	cps
Bromine	81-2	170	190	120	160	22.54	cps
Cadmium	111-1	764320	798390	814698	792469	3.24	cps
Cadmium	106-1	91710	92379	96422	93504	2.73	cps
Cadmium	108-1	63361	64331	67211	64968	3.08	cps
Calcium	43-1	4635677	4849137	4853164	4779326	2.60	cps
Calcium	44-1	75324840	78333206	78119472	77259173	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1792799	1763965	1794248	1783670	0.96	cps
Cobalt	59-2	2744466	2719716	2709349	2724510	0.66	cps
Copper	63-2	20666816	20280717	20559623	20502385	0.97	cps
Dysprosium	156-1	667	767	733	722	7.05	cps
Dysprosium	156-2	583	597	627	602	3.69	cps
Erbium	164-1	133	142	250	175	37.19	cps
Erbium	164-2	83	90	73	82	10.20	cps
Gadolinium	160-1	625	733	633	664	9.08	cps
Gadolinium	160-2	647	640	673	653	2.70	cps
Holmium	165-1	7538025	7362283	7406013	7435440	1.23	cps
Holmium	165-2	5444869	5401215	5438445	5428176	0.43	cps
Indium	115-1	5524382	5457638	5476810	5486276	0.63	cps
Indium	115-2	2141070	2188291	2240444	2189935	2.27	cps
Iron	56-2	391596742	389965775	388095131	389885883	0.45	cps
Iron	57-2	9617950	9702240	9687495	9669228	0.47	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	21644885	21285026	21324437	21418116	0.92	cps
Krypton	83-1	11288	11458	11081	11276	1.67	cps
Lead	206-1	14263242	14253936	14816589	14444589	2.23	cps
Lead	207-1	12461636	12491337	12879467	12610813	1.85	cps
Lead	208-1	56468663	57397624	59167974	57678087	2.38	cps
Lithium	6-1	1570565	1543512	1543652	1552576	1.00	cps
Magnesium	24-2	90718488	91159288	91018944	90965573	0.25	cps
Manganese	55-2	13202175	12979136	13063176	13081495	0.86	cps
Molybdenum	94-1	11012147	11583641	11880834	11492207	3.84	cps
Molybdenum	95-1	16318483	16969283	17363543	16883769	3.13	cps
Molybdenum	96-1	17473210	18159376	18522341	18051642	2.95	cps
Molybdenum	97-1	10009435	10229806	10594160	10277801	2.87	cps
Molybdenum	98-1	25641961	26704037	27227590	26524529	3.05	cps
Neodymium	150-1	180	253	173	202	21.95	cps
Neodymium	150-2	93	73	53	73	27.27	cps
Nickel	60-2	707431	701447	701224	703367	0.50	cps
Phosphorus	31-2	111575	112350	109562	111162	1.29	cps
Potassium	39-2	47516741	46803798	46515271	46945270	1.10	cps
Rhodium	103-1	5230270	5158546	5243990	5210935	0.88	cps
Rhodium	103-2	3460892	3498876	3503772	3487847	0.67	cps
Scandium	45-1	3711902	3707894	3668487	3696094	0.65	cps
Scandium	45-2	378173	374276	379752	377400	0.75	cps
Selenium	82-1	63487	64233	66635	64785	2.54	cps
Selenium	77-2	7369	7509	7412	7430	0.97	cps
Selenium	78-2	24927	25227	24951	25035	0.67	cps
Silicon	28-1	2703454	2922777	2981889	2869373	5.11	cps
Silver	107-1	3913258	3979472	4170239	4020990	3.32	cps
Silver	109-1	3729053	3846716	3955588	3843786	2.95	cps
Sodium	23-2	146672270	144807592	144442375	145307413	0.82	cps
Strontium	86-1	1053129	1085537	1124170	1087612	3.27	cps
Strontium	88-1	9031064	9304534	9589749	9308449	3.00	cps
Sulfur	34-1	636387	635677	638695	636920	0.25	cps
Terbium	159-1	7605417	7510950	7439015	7518461	1.11	cps
Terbium	159-2	5407494	5457178	5438608	5434427	0.46	cps
Thallium	203-1	3405127	3471161	3506537	3460941	1.49	cps
Thallium	205-1	8185947	8123519	8566007	8291824	2.89	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 18:58:58	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12364587	12826142	13097000	12762576	2.90	cps
Tin	118-1	2537439	2606781	2667547	2603922	2.50	cps
Titanium	47-1	4490043	4679711	4762608	4644121	3.01	cps
Uranium	238-1	11630569	11932662	12299506	11954246	2.80	cps
Vanadium	51-2	1499397	1508174	1500605	1502725	0.32	cps
Yttrium	89-1	11961381	12027322	11991246	11993316	0.28	cps
Yttrium	89-2	3392740	3438646	3415660	3415682	0.67	cps
Zinc	66-2	3468326	3432938	3450348	3450537	0.51	cps
Zirconium	90-1	5575601	5847248	5896599	5773149	2.99	cps
Zirconium	91-1	1270967	1307989	1361778	1313578	3.48	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 19:08:22 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	133	100	120	14.84	cps
Antimony	121-1	267	300	375	314	17.68	cps
Arsenic	75-2	4	13	2	6	96.48	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	58	92	67	72	24.02	cps
Beryllium	9-1	23	30	33	29	17.63	cps
Bismuth	209-1	5085058	5081895	5114611	5093855	0.35	cps
Bismuth	209-2	4089787	4045520	4063814	4066373	0.55	cps
Boron	10-1	2017	2159	1984	2053	4.53	cps
Boron	11-1	10170	10429	10045	10215	1.92	cps
Bromine	81-1	13223	12572	12372	12723	3.50	cps
Bromine	81-2	120	140	80	113	26.96	cps
Cadmium	111-1	355	381	320	352	8.67	cps
Cadmium	106-1	3542	3651	3451	3548	2.82	cps
Cadmium	108-1	71	67	83	74	11.78	cps
Calcium	43-1	124	91	133	116	19.01	cps
Calcium	44-1	108668	109886	107021	108525	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1557	1540	1587	1561	1.51	cps
Cobalt	59-2	170	193	153	172	11.67	cps
Copper	63-2	957	967	993	972	1.95	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	92	58	58	57.14	cps
Erbium	164-2	30	50	50	43	26.65	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	103	183	163	150	27.76	cps
Holmium	165-1	7208235	7211418	7102740	7174131	0.86	cps
Holmium	165-2	5243431	5179493	5192151	5205025	0.65	cps
Indium	115-1	5560609	5516803	5666265	5581225	1.38	cps
Indium	115-2	2226743	2186460	2215215	2209473	0.94	cps
Iron	56-2	16782	17950	17155	17295	3.45	cps
Iron	57-2	594	639	522	585	10.06	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 19:08:22	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1702	1692	1492	1628	7.28	cps
Krypton	83-1	10707	11108	11084	10966	2.05	cps
Lead	206-1	928	839	844	870	5.72	cps
Lead	207-1	672	706	717	698	3.31	cps
Lead	208-1	3361	3395	3378	3378	0.49	cps
Lithium	6-1	1558041	1540845	1600072	1566319	1.95	cps
Magnesium	24-2	722	861	656	746	14.05	cps
Manganese	55-2	180	210	240	210	14.29	cps
Molybdenum	94-1	383	283	392	353	17.09	cps
Molybdenum	95-1	308	258	242	269	12.87	cps
Molybdenum	96-1	433	567	708	569	24.15	cps
Molybdenum	97-1	217	217	167	200	14.43	cps
Molybdenum	98-1	525	408	450	461	12.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	20	33	24	31.49	cps
Phosphorus	31-2	408	375	383	389	4.46	cps
Potassium	39-2	74005	73361	75422	74263	1.42	cps
Rhodium	103-1	5431686	5390929	5355559	5392725	0.71	cps
Rhodium	103-2	3582952	3649448	3593216	3608539	0.99	cps
Scandium	45-1	3541520	3670281	3570837	3594213	1.88	cps
Scandium	45-2	363686	359133	362136	361651	0.64	cps
Selenium	82-1	90	-364	-272	-182	-132.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	398	393	413	401	2.62	cps
Silicon	28-1	330080	328447	331844	330124	0.51	cps
Silver	107-1	367	183	208	253	39.33	cps
Silver	109-1	158	133	192	161	18.17	cps
Sodium	23-2	33537	32958	32841	33112	1.13	cps
Strontium	86-1	17219	17636	18037	17630	2.32	cps
Strontium	88-1	217	267	192	225	16.97	cps
Sulfur	34-1	290957	291610	291757	291441	0.15	cps
Terbium	159-1	7299521	7367475	7195440	7287479	1.19	cps
Terbium	159-2	5163694	5092191	5230277	5162054	1.34	cps
Thallium	203-1	2192	2234	1984	2136	6.27	cps
Thallium	205-1	5310	5251	4693	5084	6.70	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 19:08:22	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	211	200	196	8.65	cps
Tin	118-1	775	758	867	800	7.29	cps
Titanium	47-1	67	142	92	100	38.19	cps
Uranium	238-1	158	42	100	100	58.33	cps
Vanadium	51-2	30	17	10	19	53.91	cps
Yttrium	89-1	11604236	11765952	11665629	11678606	0.70	cps
Yttrium	89-2	3292303	3294569	3299606	3295493	0.11	cps
Zinc	66-2	307	323	387	339	12.46	cps
Zirconium	90-1	633	708	725	689	7.09	cps
Zirconium	91-1	100	50	150	100	50.00	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	56	117	96	36.64	cps
Antimony	121-1	100	67	142	103	36.56	cps
Arsenic	75-2	4	7	7	6	34.70	cps
Barium	135-1	167	92	117	125	30.55	cps
Barium	137-1	167	242	250	219	20.92	cps
Beryllium	9-1	20	20	17	19	10.18	cps
Bismuth	209-1	5603173	5549769	5448769	5533904	1.42	cps
Bismuth	209-2	4248686	4195928	4354724	4266446	1.90	cps
Boron	10-1	1859	1825	1950	1878	3.45	cps
Boron	11-1	8836	8528	8711	8692	1.79	cps
Bromine	81-1	13006	12414	12589	12670	2.40	cps
Bromine	81-2	290	160	160	204	36.91	cps
Cadmium	111-1	457	410	414	427	6.08	cps
Cadmium	106-1	4359	4009	4176	4181	4.19	cps
Cadmium	108-1	42	29	58	43	33.98	cps
Calcium	43-1	227102	235645	238143	233630	2.48	cps
Calcium	44-1	3518759	3645100	3658681	3607513	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1430	1250	1387	1356	6.93	cps
Cobalt	59-2	167	210	113	163	29.64	cps
Copper	63-2	927	887	893	902	2.38	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	83	67	69	18.34	cps
Erbium	164-2	23	17	37	26	39.85	cps
Gadolinium	160-1	33	58	75	56	37.75	cps
Gadolinium	160-2	233	237	197	222	9.99	cps
Holmium	165-1	7919609	7876698	7622226	7806178	2.06	cps
Holmium	165-2	5563041	5406991	5567197	5512410	1.66	cps
Indium	115-1	6010994	6058213	5916360	5995189	1.20	cps
Indium	115-2	2340584	2339787	2330551	2336974	0.24	cps
Iron	56-2	15330	14913	15575	15273	2.19	cps
Iron	57-2	3089	2989	3100	3060	2.00	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1281	1482	1231	1331	9.95	cps
Krypton	83-1	11131	10390	10967	10830	3.59	cps
Lead	206-1	900	917	1117	978	12.33	cps
Lead	207-1	800	761	878	813	7.31	cps
Lead	208-1	3467	3778	4111	3785	8.51	cps
Lithium	6-1	1698308	1714433	1643238	1685326	2.22	cps
Magnesium	24-2	2264341	2326356	2345508	2312068	1.84	cps
Manganese	55-2	163	227	213	201	16.60	cps
Molybdenum	94-1	2092	2275	1850	2072	10.29	cps
Molybdenum	95-1	3209	3334	3142	3228	3.02	cps
Molybdenum	96-1	3676	3417	3792	3628	5.29	cps
Molybdenum	97-1	2142	2250	1825	2072	10.66	cps
Molybdenum	98-1	5343	5451	5810	5535	4.41	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	33	30	32	5.97	cps
Phosphorus	31-2	558	292	308	386	38.69	cps
Potassium	39-2	2557730	2550911	2545155	2551265	0.25	cps
Rhodium	103-1	5948071	5843608	5755286	5848988	1.65	cps
Rhodium	103-2	3792773	3826021	3819827	3812874	0.46	cps
Scandium	45-1	3922533	3901357	3794052	3872647	1.78	cps
Scandium	45-2	380718	380130	388190	383013	1.17	cps
Selenium	82-1	-349	352	-360	-119	-342.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	450	380	352	394	12.85	cps
Silicon	28-1	327376	325465	325986	326276	0.30	cps
Silver	107-1	175	108	150	144	23.32	cps
Silver	109-1	150	117	92	119	24.50	cps
Sodium	23-2	3043818	3069989	3194124	3102643	2.59	cps
Strontium	86-1	20498	20782	21216	20832	1.74	cps
Strontium	88-1	34483	34533	34976	34664	0.78	cps
Sulfur	34-1	291008	292562	295077	292882	0.70	cps
Terbium	159-1	8063200	7924814	7889062	7959026	1.16	cps
Terbium	159-2	5548810	5580994	5516326	5548710	0.58	cps
Thallium	203-1	2675	2742	2850	2756	3.21	cps
Thallium	205-1	5718	6068	6310	6032	4.93	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2022-03-27 19:11:15	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	89	89	87	3.68	cps
Tin	118-1	817	833	692	781	9.92	cps
Titanium	47-1	58	133	50	81	56.98	cps
Uranium	238-1	67	17	58	47	56.72	cps
Vanadium	51-2	17	17	3	12	63.01	cps
Yttrium	89-1	12767596	12723597	12210899	12567364	2.46	cps
Yttrium	89-2	3576528	3506854	3512070	3531817	1.10	cps
Zinc	66-2	320	353	410	361	12.60	cps
Zirconium	90-1	675	508	550	578	15.01	cps
Zirconium	91-1	100	158	142	133	22.54	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269441	272383	266537	269454	1.08	cps
Antimony	121-1	906124	970357	997507	957996	4.90	cps
Arsenic	75-2	135478	136426	132707	134871	1.43	cps
Barium	135-1	728086	798985	809013	778695	5.67	cps
Barium	137-1	1271162	1366503	1404599	1347422	5.10	cps
Beryllium	9-1	218841	231237	240159	230079	4.65	cps
Bismuth	209-1	5349413	5136027	5042664	5176035	3.04	cps
Bismuth	209-2	3975217	4088455	3987787	4017153	1.55	cps
Boron	10-1	104406	124912	132277	120532	11.98	cps
Boron	11-1	509693	603082	649535	587437	12.12	cps
Bromine	81-1	12189	11864	12297	12117	1.86	cps
Bromine	81-2	70	80	90	80	12.50	cps
Cadmium	111-1	375410	413252	416031	401564	5.65	cps
Cadmium	106-1	39539	43275	44236	42350	5.86	cps
Cadmium	108-1	26809	29405	29414	28543	5.26	cps
Calcium	43-1	1883	1783	1783	1816	3.18	cps
Calcium	44-1	102613	104190	102281	103028	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237656	236614	231018	235096	1.52	cps
Cobalt	59-2	1194102	1212720	1184973	1197265	1.18	cps
Copper	63-2	841816	849265	839810	843631	0.59	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	20	33	37	30	29.40	cps
Erbium	164-1	67	58	58	61	7.88	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	58	83	33	58	42.87	cps
Gadolinium	160-2	160	160	200	173	13.32	cps
Holmium	165-1	7732258	7177639	7194319	7368072	4.28	cps
Holmium	165-2	5151718	5180771	5163023	5165171	0.28	cps
Indium	115-1	5860582	5384939	5567484	5604335	4.28	cps
Indium	115-2	2246266	2198284	2199493	2214681	1.24	cps
Iron	56-2	5497208	5501158	5362083	5453483	1.45	cps
Iron	57-2	141095	142151	137040	140095	1.93	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	324012	330121	326407	326847	0.94	cps
Krypton	83-1	11344	10971	10981	11099	1.92	cps
Lead	206-1	2658179	2827126	2897536	2794280	4.40	cps
Lead	207-1	2322789	2469460	2539336	2443862	4.52	cps
Lead	208-1	10678263	11339541	11538908	11185571	4.03	cps
Lithium	6-1	1673677	1586765	1596557	1619000	2.94	cps
Magnesium	24-2	244	244	812	433	75.53	cps
Manganese	55-2	1196250	1200309	1173529	1190029	1.21	cps
Molybdenum	94-1	173150	189420	196517	186362	6.43	cps
Molybdenum	95-1	311785	333632	341687	329035	4.70	cps
Molybdenum	96-1	330037	350432	363041	347837	4.79	cps
Molybdenum	97-1	186893	202812	208110	199272	5.54	cps
Molybdenum	98-1	492412	527105	538828	519448	4.65	cps
Neodymium	150-1	20	53	40	38	44.41	cps
Neodymium	150-2	27	7	10	14	74.18	cps
Nickel	60-2	398036	394638	392640	395105	0.69	cps
Phosphorus	31-2	433	300	408	381	18.62	cps
Potassium	39-2	72801	71118	72540	72153	1.26	cps
Rhodium	103-1	5640332	5303959	5403421	5449237	3.17	cps
Rhodium	103-2	3624674	3543563	3539265	3569168	1.35	cps
Scandium	45-1	3780963	3545584	3588943	3638497	3.44	cps
Scandium	45-2	361710	365103	356995	361269	1.13	cps
Selenium	82-1	12248	13489	13763	13167	6.13	cps
Selenium	77-2	1523	1463	1440	1476	2.91	cps
Selenium	78-2	5453	5534	5640	5542	1.69	cps
Silicon	28-1	469200	483918	486993	480037	1.98	cps
Silver	107-1	3547728	3814127	3976914	3779590	5.73	cps
Silver	109-1	3392316	3716622	3748345	3619094	5.44	cps
Sodium	23-2	36661	35469	37049	36393	2.26	cps
Strontium	86-1	289527	308664	314488	304226	4.29	cps
Strontium	88-1	2340452	2473945	2549941	2454779	4.32	cps
Sulfur	34-1	291648	287465	283257	287457	1.46	cps
Terbium	159-1	7572426	7098532	7215851	7295603	3.38	cps
Terbium	159-2	5215537	5312314	5146869	5224907	1.59	cps
Thallium	203-1	900267	944047	975701	940005	4.03	cps
Thallium	205-1	2150896	2274643	2394631	2273390	5.36	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:20:23	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72	78	61	70	12.06	cps
Tin	118-1	1124	1330	1324	1259	9.32	cps
Titanium	47-1	175	133	142	150	14.70	cps
Uranium	238-1	50	25	42	39	32.73	cps
Vanadium	51-2	2515631	2485345	2405844	2468940	2.30	cps
Yttrium	89-1	12469660	11551646	11622184	11881163	4.30	cps
Yttrium	89-2	3322413	3289108	3261965	3291162	0.92	cps
Zinc	66-2	208076	210358	206557	208330	0.92	cps
Zirconium	90-1	850	767	850	822	5.85	cps
Zirconium	91-1	358	408	475	414	14.14	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269859	269441	270918	270073	0.28	cps
Antimony	121-1	934040	985144	1006730	975304	3.83	cps
Arsenic	75-2	135680	132166	135565	134471	1.48	cps
Barium	135-1	769844	804750	822843	799145	3.37	cps
Barium	137-1	1309024	1414784	1417567	1380458	4.48	cps
Beryllium	9-1	223075	232745	239895	231905	3.64	cps
Bismuth	209-1	5071343	5072196	5118815	5087452	0.53	cps
Bismuth	209-2	4043147	3894008	3961377	3966177	1.88	cps
Boron	10-1	117392	134022	137929	129781	8.40	cps
Boron	11-1	578264	650201	668694	632386	7.55	cps
Bromine	81-1	12856	13390	12231	12826	4.52	cps
Bromine	81-2	80	60	60	67	17.32	cps
Cadmium	111-1	388846	417982	420785	409204	4.32	cps
Cadmium	106-1	41211	42388	42773	42124	1.93	cps
Cadmium	108-1	28011	29196	30015	29074	3.47	cps
Calcium	43-1	1541	1799	1858	1733	9.72	cps
Calcium	44-1	100193	102787	102380	101787	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232751	233574	236468	234264	0.83	cps
Cobalt	59-2	1201549	1189369	1208623	1199847	0.81	cps
Copper	63-2	837990	831257	841603	836950	0.63	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	23	43	23	30	38.49	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	37	33	47	39	17.85	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Gadolinium	160-2	193	227	177	199	12.80	cps
Holmium	165-1	7394938	7183968	7330715	7303207	1.48	cps
Holmium	165-2	5329005	5132065	5092738	5184602	2.44	cps
Indium	115-1	5627697	5467811	5570037	5555182	1.46	cps
Indium	115-2	2245279	2167331	2179410	2197340	1.91	cps
Iron	56-2	5475090	5282656	5417797	5391848	1.83	cps
Iron	57-2	142965	140869	139738	141191	1.16	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	319083	322729	325394	322402	0.98	cps
Krypton	83-1	11151	11161	11448	11253	1.50	cps
Lead	206-1	2663022	2882577	2893359	2812986	4.62	cps
Lead	207-1	2378533	2532107	2592191	2500944	4.41	cps
Lead	208-1	10721020	11549065	11710999	11327028	4.69	cps
Lithium	6-1	1557601	1578590	1549670	1561954	0.96	cps
Magnesium	24-2	311	228	194	244	24.58	cps
Manganese	55-2	1189827	1171953	1185340	1182373	0.79	cps
Molybdenum	94-1	183207	191335	192362	188968	2.65	cps
Molybdenum	95-1	320583	339596	347150	335777	4.08	cps
Molybdenum	96-1	336062	361311	365692	354355	4.51	cps
Molybdenum	97-1	193653	205366	211559	203526	4.47	cps
Molybdenum	98-1	501086	534162	547004	527417	4.49	cps
Neodymium	150-1	47	27	33	36	28.64	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	394461	388726	395266	392818	0.91	cps
Phosphorus	31-2	292	367	317	325	11.75	cps
Potassium	39-2	72239	73101	68831	71391	3.16	cps
Rhodium	103-1	5425440	5363910	5340540	5376630	0.82	cps
Rhodium	103-2	3686503	3513193	3590935	3596877	2.41	cps
Scandium	45-1	3638483	3517065	3607204	3587584	1.76	cps
Scandium	45-2	358625	356191	355236	356684	0.49	cps
Selenium	82-1	12998	13301	12960	13087	1.43	cps
Selenium	77-2	1580	1690	1617	1629	3.44	cps
Selenium	78-2	5657	5238	5405	5433	3.88	cps
Silicon	28-1	472104	483656	485722	480494	1.53	cps
Silver	107-1	3673678	3900883	3964810	3846457	3.98	cps
Silver	109-1	3517423	3722846	3790005	3676758	3.86	cps
Sodium	23-2	36137	34645	35163	35315	2.15	cps
Strontium	86-1	292682	310751	310587	304673	3.41	cps
Strontium	88-1	2398082	2487030	2508474	2464528	2.38	cps
Sulfur	34-1	260805	257595	256995	258465	0.79	cps
Terbium	159-1	7395847	7229952	7292630	7306143	1.15	cps
Terbium	159-2	5241806	5175749	5233582	5217045	0.69	cps
Thallium	203-1	908056	974730	978101	953629	4.14	cps
Thallium	205-1	2158719	2347020	2371369	2292370	5.08	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-02DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:23:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	33	44	61	46	30.20	cps
Tin	118-1	1196	1268	1354	1273	6.23	cps
Titanium	47-1	200	108	208	172	32.22	cps
Uranium	238-1	58	50	33	47	26.97	cps
Vanadium	51-2	2461565	2420041	2483558	2455055	1.31	cps
Yttrium	89-1	11728637	11419730	11490122	11546163	1.40	cps
Yttrium	89-2	3342236	3279848	3290803	3304296	1.01	cps
Zinc	66-2	208527	203241	206571	206113	1.30	cps
Zirconium	90-1	742	883	833	819	8.77	cps
Zirconium	91-1	367	308	358	344	9.16	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8897	8719	8636	8751	1.53	cps
Antimony	121-1	242	267	358	289	21.26	cps
Arsenic	75-2	11	13	6	10	38.99	cps
Barium	135-1	158	192	167	172	10.07	cps
Barium	137-1	250	283	300	278	9.16	cps
Beryllium	9-1	27	13	33	24	41.66	cps
Bismuth	209-1	5034631	4989073	5112676	5045460	1.24	cps
Bismuth	209-2	4171911	4019692	3975633	4055745	2.54	cps
Boron	10-1	29246	32903	33288	31812	7.01	cps
Boron	11-1	144546	157622	159846	154005	5.37	cps
Bromine	81-1	12005	12447	12522	12325	2.27	cps
Bromine	81-2	90	90	90	90	0.00	cps
Cadmium	111-1	382	408	410	400	3.92	cps
Cadmium	106-1	3709	3642	3684	3678	0.92	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Calcium	43-1	167	200	183	183	8.99	cps
Calcium	44-1	97614	101893	99276	99594	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1683	1547	1657	1629	4.45	cps
Cobalt	59-2	353	503	307	388	26.50	cps
Copper	63-2	910	1150	960	1007	12.58	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	92	83	58	78	22.30	cps
Erbium	164-2	57	50	27	44	35.44	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	217	167	190	191	13.09	cps
Holmium	165-1	7030339	7105257	7183262	7106286	1.08	cps
Holmium	165-2	5228142	5085131	5128881	5147385	1.42	cps
Indium	115-1	5286844	5361671	5447769	5365428	1.50	cps
Indium	115-2	2169600	2092810	2156846	2139752	1.92	cps
Iron	56-2	17705	27606	16938	20749	28.68	cps
Iron	57-2	611	656	678	648	5.24	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1502	1752	1361	1538	12.86	cps
Krypton	83-1	11184	11178	11378	11247	1.01	cps
Lead	206-1	1045	1439	1806	1430	26.63	cps
Lead	207-1	1089	1289	1439	1272	13.80	cps
Lead	208-1	4456	6123	7056	5878	22.41	cps
Lithium	6-1	1512302	1536270	1604218	1550930	3.07	cps
Magnesium	24-2	356	417	322	365	13.13	cps
Manganese	55-2	217	560	230	336	57.98	cps
Molybdenum	94-1	3350	3426	3367	3381	1.17	cps
Molybdenum	95-1	142	133	92	122	21.92	cps
Molybdenum	96-1	917	967	967	950	3.04	cps
Molybdenum	97-1	83	92	108	94	13.48	cps
Molybdenum	98-1	325	333	225	294	20.47	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	303	360	307	323	9.84	cps
Phosphorus	31-2	408	333	283	342	18.41	cps
Potassium	39-2	72507	70598	72088	71731	1.40	cps
Rhodium	103-1	5286747	5319433	5429370	5345184	1.40	cps
Rhodium	103-2	3653202	3542230	3628797	3608077	1.62	cps
Scandium	45-1	3545514	3541072	3565372	3550652	0.36	cps
Scandium	45-2	363264	351287	354655	356402	1.73	cps
Selenium	82-1	-73	-323	-713	-370	-87.34	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	402	415	343	386	9.96	cps
Silicon	28-1	5153433	5389274	5434770	5325826	2.84	cps
Silver	107-1	708	708	575	664	11.60	cps
Silver	109-1	667	600	592	619	6.64	cps
Sodium	23-2	93757	89571	91511	91613	2.29	cps
Strontium	86-1	17185	16877	18003	17355	3.35	cps
Strontium	88-1	550	558	492	533	6.81	cps
Sulfur	34-1	250071	245279	247031	247460	0.98	cps
Terbium	159-1	7141832	7211175	7350275	7234428	1.47	cps
Terbium	159-2	5180124	5067161	5224681	5157322	1.57	cps
Thallium	203-1	2642	3117	3150	2970	9.58	cps
Thallium	205-1	6744	7302	7536	7194	5.66	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1871-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 19:27:45	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	106	94	111	104	8.18	cps
Tin	118-1	4412193	4694927	4690683	4599268	3.52	cps
Titanium	47-1	126168	131355	132635	130053	2.63	cps
Uranium	238-1	92	100	125	106	16.43	cps
Vanadium	51-2	60	90	60	70	24.74	cps
Yttrium	89-1	11310344	11543495	11580826	11478222	1.28	cps
Yttrium	89-2	3337932	3287086	3290086	3305035	0.86	cps
Zinc	66-2	613	777	713	701	11.75	cps
Zirconium	90-1	9220	9645	9153	9339	2.86	cps
Zirconium	91-1	2142	2000	2142	2095	3.91	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : PB143621BL Instrumnet Name : P7
 Client Sample ID : PB143621BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 20:00:42 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	39	111	80	46.45	cps
Antimony	121-1	58	58	25	47	40.75	cps
Arsenic	75-2	2	6	9	6	66.68	cps
Barium	135-1	17	8	0	8	100.02	cps
Barium	137-1	8	0	33	14	124.91	cps
Beryllium	9-1	10	0	17	9	94.38	cps
Bismuth	209-1	4973652	4960769	4903557	4945993	0.75	cps
Bismuth	209-2	3952698	3937735	3939982	3943472	0.20	cps
Boron	10-1	1200	1283	1325	1270	5.01	cps
Boron	11-1	5960	5551	6051	5854	4.55	cps
Bromine	81-1	13182	13465	12347	12998	4.47	cps
Bromine	81-2	30	90	90	70	49.49	cps
Cadmium	111-1	382	313	313	336	11.82	cps
Cadmium	106-1	3851	3576	3517	3648	4.88	cps
Cadmium	108-1	58	75	92	75	22.23	cps
Calcium	43-1	124	141	191	152	22.80	cps
Calcium	44-1	98667	97015	94726	96803	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1563	1413	1453	1477	5.26	cps
Cobalt	59-2	110	153	127	130	16.82	cps
Copper	63-2	700	650	740	697	6.47	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	83	25	47	66.82	cps
Erbium	164-2	43	47	57	49	14.20	cps
Gadolinium	160-1	58	58	33	50	28.87	cps
Gadolinium	160-2	180	120	163	154	20.05	cps
Holmium	165-1	7139665	6902159	6934433	6992086	1.84	cps
Holmium	165-2	5102441	5062847	5079031	5081440	0.39	cps
Indium	115-1	5407163	5295798	5386698	5363220	1.11	cps
Indium	115-2	2148405	2156588	2200383	2168459	1.29	cps
Iron	56-2	14340	13907	14174	14140	1.55	cps
Iron	57-2	422	578	578	526	17.08	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BL	Instrumnet Name :	P7
Client Sample ID :	PB143621BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:00:42	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1031	1291	1562	1295	20.49	cps
Krypton	83-1	11284	11211	11258	11251	0.33	cps
Lead	206-1	456	472	472	467	2.06	cps
Lead	207-1	494	511	472	493	3.96	cps
Lead	208-1	2056	1939	1983	1993	2.95	cps
Lithium	6-1	1486310	1475071	1428380	1463254	2.10	cps
Magnesium	24-2	211	144	161	172	20.15	cps
Manganese	55-2	103	150	120	124	19.00	cps
Molybdenum	94-1	242	133	233	203	29.73	cps
Molybdenum	95-1	17	8	42	22	78.07	cps
Molybdenum	96-1	183	275	233	231	19.91	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Molybdenum	98-1	58	100	50	69	38.58	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	17	10	16	32.73	cps
Phosphorus	31-2	275	325	275	292	9.90	cps
Potassium	39-2	69342	69191	68924	69152	0.31	cps
Rhodium	103-1	5234831	5314451	5253850	5267711	0.79	cps
Rhodium	103-2	3567039	3511333	3551073	3543148	0.81	cps
Scandium	45-1	3499450	3462173	3480349	3480657	0.54	cps
Scandium	45-2	347921	344937	346950	346603	0.44	cps
Selenium	82-1	-222	-29	-242	-165	-71.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	348	367	407	374	8.10	cps
Silicon	28-1	477033	474648	469331	473670	0.83	cps
Silver	107-1	108	117	67	97	27.55	cps
Silver	109-1	58	17	75	50	60.09	cps
Sodium	23-2	22673	22211	22038	22307	1.47	cps
Strontium	86-1	18387	17778	17352	17839	2.92	cps
Strontium	88-1	150	175	217	181	18.65	cps
Sulfur	34-1	287793	272856	268802	276484	3.62	cps
Terbium	159-1	6997512	7079737	6982772	7020007	0.74	cps
Terbium	159-2	5224869	5132148	5166266	5174428	0.91	cps
Thallium	203-1	1017	892	850	920	9.43	cps
Thallium	205-1	2150	2200	2250	2200	2.27	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BL	Instrumnet Name :	P7
Client Sample ID :	PB143621BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:00:42	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	33	28	39	33	16.67	cps
Tin	118-1	858	708	683	750	12.62	cps
Titanium	47-1	58	58	75	64	15.05	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	20	10	10	13	43.30	cps
Yttrium	89-1	11450084	11329955	11192105	11324048	1.14	cps
Yttrium	89-2	3267834	3253928	3263807	3261856	0.22	cps
Zinc	66-2	320	303	340	321	5.72	cps
Zirconium	90-1	633	600	583	606	4.20	cps
Zirconium	91-1	67	50	58	58	14.29	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : PB143622BL Instrumnet Name : P7
 Client Sample ID : PB143622BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 20:03:35 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	139	111	107	31.18	cps
Antimony	121-1	50	67	42	53	24.12	cps
Arsenic	75-2	0	0	6	2	173.21	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	8	25	33	22	57.29	cps
Beryllium	9-1	17	10	10	12	31.50	cps
Bismuth	209-1	5272637	5087306	5043226	5134390	2.37	cps
Bismuth	209-2	3958796	3927100	4007725	3964540	1.02	cps
Boron	10-1	1392	1517	1350	1420	6.11	cps
Boron	11-1	6260	6126	6460	6282	2.67	cps
Bromine	81-1	13048	13182	13198	13143	0.63	cps
Bromine	81-2	80	90	120	97	21.53	cps
Cadmium	111-1	371	395	344	370	6.93	cps
Cadmium	106-1	3959	4034	3826	3940	2.68	cps
Cadmium	108-1	83	42	79	68	33.72	cps
Calcium	43-1	116	125	108	116	7.14	cps
Calcium	44-1	92504	92017	91841	92121	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1530	1570	1527	1542	1.56	cps
Cobalt	59-2	140	127	110	126	11.97	cps
Copper	63-2	763	683	813	753	8.70	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	33	50	67	50	33.34	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	167	180	177	174	3.98	cps
Holmium	165-1	7449954	7136691	7078397	7221681	2.77	cps
Holmium	165-2	5034424	5059816	5094434	5062891	0.59	cps
Indium	115-1	5796961	5587590	5279668	5554740	4.68	cps
Indium	115-2	2138998	2180254	2179568	2166273	1.09	cps
Iron	56-2	13823	13812	13845	13827	0.12	cps
Iron	57-2	489	544	617	550	11.65	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BL	Instrumnet Name :	P7
Client Sample ID :	PB143622BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:03:35	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1422	1412	1562	1465	5.73	cps
Krypton	83-1	11308	11044	11051	11134	1.35	cps
Lead	206-1	450	311	428	396	18.83	cps
Lead	207-1	450	422	400	424	5.91	cps
Lead	208-1	1895	1728	1845	1822	4.69	cps
Lithium	6-1	1594468	1492974	1472475	1519973	4.30	cps
Magnesium	24-2	150	144	156	150	3.70	cps
Manganese	55-2	123	133	127	128	3.98	cps
Molybdenum	94-1	83	192	142	139	39.04	cps
Molybdenum	95-1	42	0	33	25	88.19	cps
Molybdenum	96-1	383	408	300	364	15.59	cps
Molybdenum	97-1	25	33	0	19	89.21	cps
Molybdenum	98-1	75	108	125	103	24.77	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	17	10	27	87.49	cps
Phosphorus	31-2	333	367	292	331	11.37	cps
Potassium	39-2	68624	68757	66572	67984	1.80	cps
Rhodium	103-1	5452740	5302959	5218006	5324568	2.23	cps
Rhodium	103-2	3497982	3525966	3519790	3514579	0.42	cps
Scandium	45-1	3685682	3593722	3449434	3576279	3.33	cps
Scandium	45-2	348006	342026	348123	346052	1.01	cps
Selenium	82-1	-262	49	143	-23	-916.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	404	406	431	414	3.76	cps
Silicon	28-1	469448	473623	462554	468542	1.19	cps
Silver	107-1	58	92	92	81	23.89	cps
Silver	109-1	50	42	142	78	71.34	cps
Sodium	23-2	21766	22767	21471	22001	3.09	cps
Strontium	86-1	17678	18078	18320	18025	1.80	cps
Strontium	88-1	142	150	100	131	20.52	cps
Sulfur	34-1	261851	260044	263739	261878	0.71	cps
Terbium	159-1	7628626	7185845	7030015	7281495	4.27	cps
Terbium	159-2	5047727	5083310	5116413	5082483	0.68	cps
Thallium	203-1	850	1042	917	936	10.39	cps
Thallium	205-1	2200	2025	2117	2114	4.14	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BL	Instrumnet Name :	P7
Client Sample ID :	PB143622BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:03:35	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	61	61	56	17.31	cps
Tin	118-1	733	892	742	789	11.29	cps
Titanium	47-1	33	50	100	61	56.78	cps
Uranium	238-1	17	83	50	50	66.67	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	12061246	11506098	11235762	11601036	3.63	cps
Yttrium	89-2	3197474	3236192	3245304	3226323	0.79	cps
Zinc	66-2	323	310	317	317	2.10	cps
Zirconium	90-1	550	500	425	492	12.80	cps
Zirconium	91-1	58	108	125	97	35.69	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9870	9631	9420	9640	2.34	cps
Antimony	121-1	58	92	58	69	27.71	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	175	200	167	181	9.61	cps
Barium	137-1	167	250	283	233	25.75	cps
Beryllium	9-1	13	7	40	20	88.19	cps
Bismuth	209-1	5137796	4814898	4867053	4939915	3.51	cps
Bismuth	209-2	4027580	3973906	4003042	4001509	0.67	cps
Boron	10-1	22685	24204	25238	24042	5.34	cps
Boron	11-1	106375	118922	126420	117239	8.64	cps
Bromine	81-1	12965	12523	13665	13051	4.42	cps
Bromine	81-2	90	130	90	103	22.35	cps
Cadmium	111-1	320	350	360	344	6.08	cps
Cadmium	106-1	3459	3859	3784	3701	5.75	cps
Cadmium	108-1	67	63	50	60	14.53	cps
Calcium	43-1	242	250	217	236	7.39	cps
Calcium	44-1	94646	93835	92241	93574	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1543	1690	1630	1621	4.55	cps
Cobalt	59-2	317	253	277	282	11.35	cps
Copper	63-2	1063	1067	1033	1054	1.74	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	10	17	9	94.38	cps
Erbium	164-1	33	67	83	61	41.67	cps
Erbium	164-2	60	50	37	49	23.94	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Gadolinium	160-2	160	223	203	196	16.56	cps
Holmium	165-1	7256350	7020922	6870763	7049345	2.76	cps
Holmium	165-2	5149240	5110981	5114355	5124859	0.41	cps
Indium	115-1	5452119	5101425	5329265	5294269	3.36	cps
Indium	115-2	2128178	2150581	2123220	2133993	0.68	cps
Iron	56-2	17655	17588	17544	17596	0.32	cps
Iron	57-2	656	583	622	620	5.83	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1582	1612	1692	1628	3.50	cps
Krypton	83-1	11274	11228	10911	11138	1.78	cps
Lead	206-1	1133	1428	1550	1370	15.63	cps
Lead	207-1	806	1072	1456	1111	29.41	cps
Lead	208-1	4211	5301	6629	5380	22.50	cps
Lithium	6-1	1516481	1507812	1468247	1497513	1.72	cps
Magnesium	24-2	322	344	356	341	4.98	cps
Manganese	55-2	217	290	210	239	18.58	cps
Molybdenum	94-1	2867	3167	3209	3081	6.05	cps
Molybdenum	95-1	75	58	100	78	26.96	cps
Molybdenum	96-1	992	783	825	867	12.72	cps
Molybdenum	97-1	50	58	83	64	27.16	cps
Molybdenum	98-1	242	192	183	206	15.35	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	377	403	393	391	3.44	cps
Phosphorus	31-2	325	242	342	303	17.69	cps
Potassium	39-2	71150	73001	71309	71820	1.43	cps
Rhodium	103-1	5342031	5217883	5186074	5248663	1.57	cps
Rhodium	103-2	3621323	3555003	3549160	3575162	1.12	cps
Scandium	45-1	3594283	3386890	3430123	3470432	3.15	cps
Scandium	45-2	349378	350357	347345	349027	0.44	cps
Selenium	82-1	-249	-162	64	-116	-139.43	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	411	426	393	410	4.08	cps
Silicon	28-1	5071449	5324688	5388224	5261454	3.19	cps
Silver	107-1	83	133	142	119	26.41	cps
Silver	109-1	58	67	50	58	14.29	cps
Sodium	23-2	88755	88460	87112	88109	0.99	cps
Strontium	86-1	17603	17803	17327	17578	1.36	cps
Strontium	88-1	483	542	408	478	13.99	cps
Sulfur	34-1	256028	252510	252343	253627	0.82	cps
Terbium	159-1	7351871	7060565	7063438	7158625	2.34	cps
Terbium	159-2	5152127	5178659	5151357	5160714	0.30	cps
Thallium	203-1	2267	2567	2775	2536	10.08	cps
Thallium	205-1	5184	6543	6593	6107	13.09	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	N1872-04DL2X2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL2	Dilution Factor :	2
Date & Time Acquired ::	2022-03-27 20:07:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	56	67	69	20.41	cps
Tin	118-1	4321809	4472599	4650994	4481801	3.68	cps
Titanium	47-1	121586	127599	128018	125734	2.86	cps
Uranium	238-1	75	50	42	56	31.22	cps
Vanadium	51-2	40	23	47	37	32.79	cps
Yttrium	89-1	11483357	11098157	11090854	11224122	2.00	cps
Yttrium	89-2	3311327	3254352	3276523	3280734	0.88	cps
Zinc	66-2	870	1057	947	958	9.80	cps
Zirconium	90-1	8644	9195	9287	9042	3.84	cps
Zirconium	91-1	1917	2217	1808	1981	10.68	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1845776	1829044	1817109	1830643	0.79	cps
Antimony	121-1	2800793	2872965	2859708	2844489	1.35	cps
Arsenic	75-2	209372	207562	209169	208701	0.48	cps
Barium	135-1	3521217	3590571	3664116	3591968	1.99	cps
Barium	137-1	6113694	6157426	6284537	6185219	1.43	cps
Beryllium	9-1	603542	624194	633393	620376	2.46	cps
Bismuth	209-1	5068846	4863556	4904181	4945528	2.20	cps
Bismuth	209-2	3873342	3745619	3983562	3867508	3.08	cps
Boron	10-1	69741	77594	78675	75337	6.47	cps
Boron	11-1	343198	375541	378247	365662	5.33	cps
Bromine	81-1	12765	12356	12314	12478	1.99	cps
Bromine	81-2	70	140	120	110	32.78	cps
Cadmium	111-1	785112	812820	810672	802868	1.92	cps
Cadmium	106-1	91059	92674	94260	92664	1.73	cps
Cadmium	108-1	63696	65600	65959	65085	1.87	cps
Calcium	43-1	945246	965549	958700	956498	1.08	cps
Calcium	44-1	14148870	14413976	14489547	14350798	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1677077	1717736	1672972	1689262	1.46	cps
Cobalt	59-2	2681406	2608013	2678395	2655938	1.56	cps
Copper	63-2	19468271	19080290	19429258	19325940	1.11	cps
Dysprosium	156-1	183	208	258	217	17.62	cps
Dysprosium	156-2	227	160	203	197	17.20	cps
Erbium	164-1	42	75	92	69	36.66	cps
Erbium	164-2	40	37	50	42	16.43	cps
Gadolinium	160-1	133	167	183	161	15.80	cps
Gadolinium	160-2	267	280	283	277	3.19	cps
Holmium	165-1	7323871	7056551	7006034	7128818	2.40	cps
Holmium	165-2	5106310	4985794	5133532	5075212	1.55	cps
Indium	115-1	5544311	5345512	5192502	5360775	3.29	cps
Indium	115-2	2034447	2052067	2114262	2066925	2.03	cps
Iron	56-2	80386485	78657785	78019207	79021159	1.55	cps
Iron	57-2	1984567	1974885	1951042	1970165	0.88	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4431429	4366451	4298853	4365578	1.52	cps
Krypton	83-1	10988	10867	10977	10944	0.61	cps
Lead	206-1	13754858	14086656	14498633	14113382	2.64	cps
Lead	207-1	12248449	12363755	12863185	12491796	2.62	cps
Lead	208-1	56128030	56936410	57916349	56993596	1.57	cps
Lithium	6-1	1537191	1482400	1465140	1494910	2.52	cps
Magnesium	24-2	17184863	16948631	17016220	17049905	0.71	cps
Manganese	55-2	12961028	12889803	12617299	12822710	1.41	cps
Molybdenum	94-1	10738506	10941153	11117529	10932396	1.73	cps
Molybdenum	95-1	15551850	16027820	16328765	15969479	2.45	cps
Molybdenum	96-1	16935020	17158058	17760417	17284498	2.47	cps
Molybdenum	97-1	9572136	9860280	10065846	9832754	2.52	cps
Molybdenum	98-1	24402595	25848627	25968250	25406491	3.43	cps
Neodymium	150-1	260	213	180	218	18.45	cps
Neodymium	150-2	37	60	53	50	24.03	cps
Nickel	60-2	697776	690394	698873	695681	0.66	cps
Phosphorus	31-2	104429	104598	107240	105422	1.50	cps
Potassium	39-2	8962894	8729132	8907942	8866656	1.38	cps
Rhodium	103-1	5337312	5200654	5118455	5218807	2.12	cps
Rhodium	103-2	3354113	3388589	3435609	3392770	1.21	cps
Scandium	45-1	3576751	3469474	3377038	3474421	2.88	cps
Scandium	45-2	341615	337464	349468	342849	1.78	cps
Selenium	82-1	64037	67759	65200	65665	2.90	cps
Selenium	77-2	7569	7745	7459	7591	1.91	cps
Selenium	78-2	25369	25077	25469	25305	0.80	cps
Silicon	28-1	2705279	2837485	2894246	2812337	3.45	cps
Silver	107-1	3893914	4036577	4023203	3984565	1.98	cps
Silver	109-1	3754296	3811262	3778702	3781420	0.76	cps
Sodium	23-2	27956090	27702085	27876516	27844897	0.47	cps
Strontium	86-1	1002801	1056529	1028169	1029167	2.61	cps
Strontium	88-1	8614706	8841289	8778593	8744863	1.34	cps
Sulfur	34-1	591716	598752	592717	594395	0.64	cps
Terbium	159-1	7267751	7159219	7227718	7218229	0.76	cps
Terbium	159-2	5094688	5009985	5136861	5080512	1.27	cps
Thallium	203-1	3313930	3455678	3509551	3426386	2.95	cps
Thallium	205-1	8162750	8083131	8281437	8175773	1.22	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143622BS	Instrumnet Name :	P7
Client Sample ID :	PB143622BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:10:10	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12176572	12367539	12706169	12416760	2.16	cps
Tin	118-1	2507805	2531896	2587840	2542514	1.61	cps
Titanium	47-1	4228809	4391602	4376882	4332431	2.08	cps
Uranium	238-1	11191948	11549134	11575901	11438994	1.87	cps
Vanadium	51-2	1449839	1421204	1419348	1430130	1.20	cps
Yttrium	89-1	11840860	11303774	11024961	11389865	3.64	cps
Yttrium	89-2	3195143	3113715	3261117	3189992	2.31	cps
Zinc	66-2	3341412	3298385	3330763	3323520	0.67	cps
Zirconium	90-1	5326065	5403793	5418956	5382938	0.93	cps
Zirconium	91-1	1220752	1238585	1238235	1232524	0.83	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : PB143621BS Instrumnet Name : P7
 Client Sample ID : PB143621BS Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 20:12:47 DataFile Name : 049DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1841019	1795168	1825968	1820718	1.28	cps
Antimony	121-1	2846055	2966128	2992159	2934781	2.66	cps
Arsenic	75-2	211787	209852	216327	212655	1.56	cps
Barium	135-1	3604289	3654752	3688213	3649085	1.16	cps
Barium	137-1	6162361	6432934	6410488	6335261	2.37	cps
Beryllium	9-1	601386	625315	627118	617940	2.32	cps
Bismuth	209-1	4966680	4904369	4944307	4938452	0.64	cps
Bismuth	209-2	3869950	3809033	4026518	3901834	2.88	cps
Boron	10-1	70535	78308	81364	76735	7.28	cps
Boron	11-1	347669	380429	397154	375084	6.71	cps
Bromine	81-1	11655	12623	12122	12133	3.99	cps
Bromine	81-2	80	60	60	67	17.32	cps
Cadmium	111-1	792340	832099	827678	817372	2.67	cps
Cadmium	106-1	89775	95856	94654	93429	3.45	cps
Cadmium	108-1	63737	66667	67383	65929	2.93	cps
Calcium	43-1	924468	986108	995634	968737	3.99	cps
Calcium	44-1	13953524	14578084	14596005	14375871	2.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1718838	1712255	1693017	1708037	0.79	cps
Cobalt	59-2	2646882	2705531	2758190	2703534	2.06	cps
Copper	63-2	19590831	19475833	19918402	19661688	1.17	cps
Dysprosium	156-1	133	117	175	142	21.21	cps
Dysprosium	156-2	180	220	187	196	10.96	cps
Erbium	164-1	92	67	100	86	20.14	cps
Erbium	164-2	63	60	57	60	5.55	cps
Gadolinium	160-1	142	158	175	158	10.53	cps
Gadolinium	160-2	253	280	270	268	5.03	cps
Holmium	165-1	7150569	7206615	7136501	7164562	0.52	cps
Holmium	165-2	5137364	4845014	5266440	5082939	4.25	cps
Indium	115-1	5413168	5371019	5307465	5363884	0.99	cps
Indium	115-2	2081768	2021828	2193556	2099051	4.15	cps
Iron	56-2	79622743	78070630	79708393	79133922	1.16	cps
Iron	57-2	1977930	1965896	2023205	1989010	1.52	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : PB143621BS Instrumnet Name : P7
 Client Sample ID : PB143621BS Dilution Factor : 1
 Date & Time Acquired :: 2022-03-27 20:12:47 DataFile Name : 049DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4441876	4385638	4516190	4447901	1.47	cps
Krypton	83-1	10991	10561	10317	10623	3.21	cps
Lead	206-1	14140988	15044406	14814923	14666772	3.20	cps
Lead	207-1	12616990	13214978	12949724	12927230	2.32	cps
Lead	208-1	57345467	59942680	59131041	58806396	2.26	cps
Lithium	6-1	1450333	1438696	1458750	1449259	0.69	cps
Magnesium	24-2	17403850	17289966	17294659	17329491	0.37	cps
Manganese	55-2	12883086	12759486	13078653	12907075	1.25	cps
Molybdenum	94-1	10573962	10968708	11189730	10910800	2.86	cps
Molybdenum	95-1	15574094	16242714	16225377	16014062	2.38	cps
Molybdenum	96-1	16727079	17651104	17334965	17237716	2.72	cps
Molybdenum	97-1	9629548	10086680	9931884	9882704	2.35	cps
Molybdenum	98-1	24758583	26032634	25872095	25554438	2.72	cps
Neodymium	150-1	247	120	200	189	33.91	cps
Neodymium	150-2	40	40	27	36	21.64	cps
Nickel	60-2	697600	705831	726740	710057	2.12	cps
Phosphorus	31-2	106141	102307	106570	105006	2.24	cps
Potassium	39-2	9122191	8818617	9088707	9009838	1.85	cps
Rhodium	103-1	5181196	5155598	5082050	5139615	1.00	cps
Rhodium	103-2	3398151	3380992	3573618	3450920	3.09	cps
Scandium	45-1	3433052	3406509	3405668	3415076	0.46	cps
Scandium	45-2	344580	340529	362054	349054	3.28	cps
Selenium	82-1	62988	68319	67528	66278	4.34	cps
Selenium	77-2	7572	7652	7695	7640	0.82	cps
Selenium	78-2	25346	25597	26012	25652	1.31	cps
Silicon	28-1	2609588	2818079	2896872	2774846	5.35	cps
Silver	107-1	3972232	4090398	4131843	4064824	2.04	cps
Silver	109-1	3768747	3922701	3845878	3845775	2.00	cps
Sodium	23-2	28030830	28000626	27880586	27970680	0.28	cps
Strontium	86-1	1016055	1064932	1074962	1051983	3.00	cps
Strontium	88-1	8585200	8988127	8945189	8839505	2.50	cps
Sulfur	34-1	560105	578931	584154	574396	2.20	cps
Terbium	159-1	7405142	7307145	7192887	7301724	1.45	cps
Terbium	159-2	5130571	5010699	5301216	5147495	2.84	cps
Thallium	203-1	3455781	3549541	3554360	3519894	1.58	cps
Thallium	205-1	8226768	8760165	8488906	8491946	3.14	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	PB143621BS	Instrumnet Name :	P7
Client Sample ID :	PB143621BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-27 20:12:47	DataFile Name :	049DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12475142	12810238	12838075	12707818	1.59	cps
Tin	118-1	2487274	2613488	2583074	2561279	2.57	cps
Titanium	47-1	4227902	4448532	4422062	4366166	2.76	cps
Uranium	238-1	11710567	11925393	11813546	11816502	0.91	cps
Vanadium	51-2	1466802	1463371	1459159	1463111	0.26	cps
Yttrium	89-1	11220064	11314794	11296292	11277050	0.45	cps
Yttrium	89-2	3200066	3141444	3290037	3210516	2.33	cps
Zinc	66-2	3423200	3336905	3428103	3396070	1.51	cps
Zirconium	90-1	5312358	5498521	5530873	5447251	2.17	cps
Zirconium	91-1	1203760	1259208	1268939	1243969	2.83	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10197516	10145396	10093785	10145566	0.51	cps
Antimony	121-1	2765092	2968622	2999783	2911166	4.38	cps
Arsenic	75-2	223507	223921	221690	223039	0.53	cps
Barium	135-1	3585635	3850020	3890503	3775386	4.39	cps
Barium	137-1	6263633	6624808	6508167	6465536	2.85	cps
Beryllium	9-1	619093	660481	677823	652465	4.62	cps
Bismuth	209-1	4935358	4940852	4843660	4906623	1.11	cps
Bismuth	209-2	4030244	3931366	3887078	3949563	1.86	cps
Boron	10-1	75132	83786	88235	82384	8.09	cps
Boron	11-1	361802	408541	431201	400515	8.84	cps
Bromine	81-1	13323	12756	13098	13059	2.19	cps
Bromine	81-2	160	120	140	140	14.29	cps
Cadmium	111-1	766892	812038	819460	799464	3.56	cps
Cadmium	106-1	90447	95319	94688	93485	2.83	cps
Cadmium	108-1	63424	67383	67271	66026	3.41	cps
Calcium	43-1	4466418	4806431	4974925	4749258	5.45	cps
Calcium	44-1	71959026	77266709	77726310	75650682	4.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1802592	1869750	1851345	1841229	1.88	cps
Cobalt	59-2	2877694	2847102	2838742	2854513	0.72	cps
Copper	63-2	21286238	21408798	21684186	21459741	0.95	cps
Dysprosium	156-1	708	717	675	700	3.15	cps
Dysprosium	156-2	617	540	700	619	12.93	cps
Erbium	164-1	175	133	117	142	21.21	cps
Erbium	164-2	113	100	133	116	14.52	cps
Gadolinium	160-1	600	708	725	678	10.01	cps
Gadolinium	160-2	683	690	703	692	1.47	cps
Holmium	165-1	7634998	7479883	7531791	7548891	1.05	cps
Holmium	165-2	5599318	5461759	5460406	5507161	1.45	cps
Indium	115-1	5506085	5507096	5440080	5484420	0.70	cps
Indium	115-2	2281313	2178372	2215276	2224987	2.34	cps
Iron	56-2	417212454	416626809	408610731	414149998	1.16	cps
Iron	57-2	10330687	10293838	10369920	10331481	0.37	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22916458	22629482	22578908	22708282	0.80	cps
Krypton	83-1	11094	11061	11108	11088	0.22	cps
Lead	206-1	13672800	14661715	15086627	14473714	5.01	cps
Lead	207-1	12260236	12875693	13023669	12719866	3.18	cps
Lead	208-1	55126343	58864895	59953952	57981730	4.37	cps
Lithium	6-1	1590472	1505306	1592197	1562658	3.18	cps
Magnesium	24-2	93387785	95084744	94208549	94227026	0.90	cps
Manganese	55-2	13714030	13769051	13678681	13720587	0.33	cps
Molybdenum	94-1	11205115	11635038	11861895	11567349	2.88	cps
Molybdenum	95-1	16283552	17139851	17003309	16808904	2.74	cps
Molybdenum	96-1	17450145	18310536	18251959	18004213	2.67	cps
Molybdenum	97-1	9791053	10499879	10513117	10268016	4.02	cps
Molybdenum	98-1	25441154	27463793	27172901	26692616	4.10	cps
Neodymium	150-1	160	240	153	184	26.15	cps
Neodymium	150-2	73	63	50	62	18.81	cps
Nickel	60-2	730706	730749	735934	732463	0.41	cps
Phosphorus	31-2	115627	113007	114815	114483	1.17	cps
Potassium	39-2	48160908	47967077	47572928	47900305	0.63	cps
Rhodium	103-1	5352506	5153195	5179845	5228515	2.07	cps
Rhodium	103-2	3660905	3465909	3503087	3543300	2.92	cps
Scandium	45-1	3750328	3678717	3678339	3702461	1.12	cps
Scandium	45-2	387672	380039	375548	381086	1.61	cps
Selenium	82-1	62741	66941	66819	65500	3.65	cps
Selenium	77-2	7765	7699	7806	7757	0.70	cps
Selenium	78-2	26834	25491	25908	26078	2.64	cps
Silicon	28-1	2670603	2945466	3072866	2896312	7.10	cps
Silver	107-1	3907760	4095732	4128413	4043968	2.94	cps
Silver	109-1	3698622	3901461	3896529	3832204	3.02	cps
Sodium	23-2	150095859	147900948	149990820	149329209	0.83	cps
Strontium	86-1	1047090	1111468	1114019	1090859	3.48	cps
Strontium	88-1	8907174	9429762	9498422	9278453	3.49	cps
Sulfur	34-1	607052	623549	635306	621969	2.28	cps
Terbium	159-1	7585269	7536787	7478034	7533364	0.71	cps
Terbium	159-2	5712264	5403607	5522353	5546075	2.81	cps
Thallium	203-1	3331956	3600358	3652222	3528179	4.87	cps
Thallium	205-1	8001118	8474893	8761713	8412574	4.57	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12253241	13356695	13371663	12993866	4.94	cps
Tin	118-1	2511042	2690113	2698735	2633297	4.02	cps
Titanium	47-1	4474862	4705985	4785282	4655376	3.46	cps
Uranium	238-1	11408535	12124608	12305580	11946241	3.97	cps
Vanadium	51-2	1569405	1590663	1549869	1569979	1.30	cps
Yttrium	89-1	12315460	11773467	11808924	11965950	2.53	cps
Yttrium	89-2	3595569	3451541	3498980	3515363	2.09	cps
Zinc	66-2	3639799	3700512	3665295	3668535	0.83	cps
Zirconium	90-1	5502810	5746760	5945363	5731644	3.87	cps
Zirconium	91-1	1252549	1337537	1345764	1311950	3.93	cps

LB Number : LB119370 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228	161	94	161	41.38	cps
Antimony	121-1	408	433	508	450	11.56	cps
Arsenic	75-2	11	20	15	15	30.21	cps
Barium	135-1	100	50	25	58	65.47	cps
Barium	137-1	83	108	133	108	23.08	cps
Beryllium	9-1	57	40	30	42	31.91	cps
Bismuth	209-1	5376718	5418154	5383544	5392805	0.41	cps
Bismuth	209-2	4311164	4255513	4240258	4268978	0.87	cps
Boron	10-1	3709	3842	3284	3612	8.08	cps
Boron	11-1	17235	18078	16518	17277	4.52	cps
Bromine	81-1	12906	13665	13315	13296	2.86	cps
Bromine	81-2	100	130	50	93	43.30	cps
Cadmium	111-1	510	487	407	468	11.53	cps
Cadmium	106-1	4518	4392	4084	4331	5.15	cps
Cadmium	108-1	42	75	79	65	31.48	cps
Calcium	43-1	183	141	141	155	15.52	cps
Calcium	44-1	122709	120616	119467	120931	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1513	1787	1700	1667	8.38	cps
Cobalt	59-2	173	160	143	159	9.46	cps
Copper	63-2	1103	1100	1060	1088	2.22	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	37	33	30	33	10.01	cps
Gadolinium	160-1	33	83	75	64	41.93	cps
Gadolinium	160-2	143	190	157	163	14.71	cps
Holmium	165-1	7716931	7640145	7842995	7733357	1.32	cps
Holmium	165-2	5489172	5466563	5575184	5510306	1.04	cps
Indium	115-1	5921276	5953883	5892414	5922525	0.52	cps
Indium	115-2	2378300	2372169	2361504	2370658	0.36	cps
Iron	56-2	18951	18634	18050	18545	2.46	cps
Iron	57-2	589	589	650	609	5.79	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1672	1702	1662	1678	1.24	cps
Krypton	83-1	11201	11318	11128	11215	0.86	cps
Lead	206-1	1533	1578	1378	1496	7.02	cps
Lead	207-1	1239	1317	1228	1261	3.84	cps
Lead	208-1	5978	5901	5539	5806	4.03	cps
Lithium	6-1	1688055	1632149	1697440	1672548	2.11	cps
Magnesium	24-2	1133	1128	1161	1141	1.57	cps
Manganese	55-2	273	307	307	296	6.51	cps
Molybdenum	94-1	500	633	600	578	12.01	cps
Molybdenum	95-1	658	642	517	606	12.79	cps
Molybdenum	96-1	858	842	833	844	1.51	cps
Molybdenum	97-1	492	308	300	367	29.55	cps
Molybdenum	98-1	1067	908	775	917	15.93	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20	30	27	26	19.92	cps
Phosphorus	31-2	325	300	383	336	12.72	cps
Potassium	39-2	79903	80883	80690	80492	0.65	cps
Rhodium	103-1	5782604	5703213	5794061	5759959	0.86	cps
Rhodium	103-2	3823705	3822599	3761806	3802703	0.93	cps
Scandium	45-1	3912639	3819866	3819137	3850547	1.40	cps
Scandium	45-2	380781	379270	383900	381317	0.62	cps
Selenium	82-1	197	-60	-27	37	383.13	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	406	444	415	422	4.82	cps
Silicon	28-1	402284	396929	395594	398269	0.89	cps
Silver	107-1	467	442	325	411	18.39	cps
Silver	109-1	392	400	392	394	1.22	cps
Sodium	23-2	72532	72058	70980	71857	1.11	cps
Strontium	86-1	17903	18070	17402	17792	1.95	cps
Strontium	88-1	242	242	267	250	5.77	cps
Sulfur	34-1	275138	274677	273620	274478	0.28	cps
Terbium	159-1	7855527	7688355	7748761	7764214	1.09	cps
Terbium	159-2	5642357	5552528	5444166	5546350	1.79	cps
Thallium	203-1	1167	1158	1433	1253	12.49	cps
Thallium	205-1	2942	2609	3000	2850	7.42	cps

LB Number :	LB119370	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	233	233	244	7.87	cps
Tin	118-1	975	900	917	931	4.23	cps
Titanium	47-1	67	67	133	89	43.30	cps
Uranium	238-1	125	150	117	131	13.29	cps
Vanadium	51-2	20	40	13	24	56.78	cps
Yttrium	89-1	12700970	12267092	12331745	12433269	1.88	cps
Yttrium	89-2	3607160	3585119	3570855	3587711	0.51	cps
Zinc	66-2	507	450	547	501	9.69	cps
Zirconium	90-1	692	667	692	683	2.11	cps
Zirconium	91-1	117	125	125	122	3.93	cps