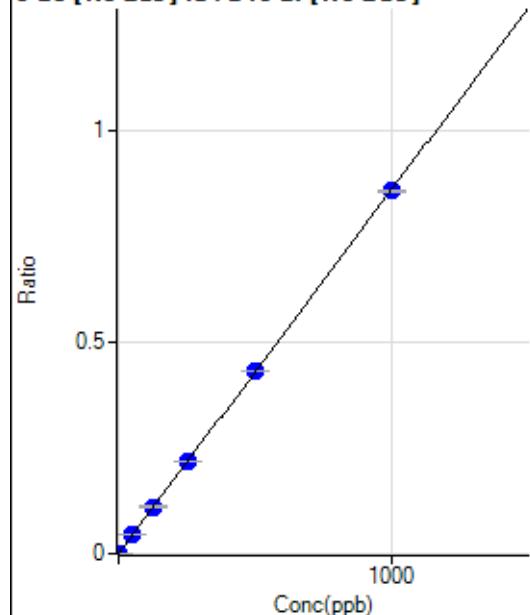


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7031121-MS.b\
Analysis File: P7031121-MS.batch.bin
DA Date-Time: 2021-03-12 11:32:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-03-11 16:50:45
2	005CALS.d	S02	2021-03-11 16:56:55
3	006CALS.d	S03	2021-03-11 16:59:59
4	007CALS.d	S04	2021-03-11 17:03:05
5	008CALS.d	S05	2021-03-11 17:06:09
6	009CALS.d	S06	2021-03-11 17:09:11
7	010CALS.d	S07	2021-03-11 17:12:07
8	012CALS.d	S08	2021-03-11 17:19:38

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.08	0.0001	P	15.1
2	☐	1.000	0.999	1529.73	0.0009	P	6.6
3	☐	50.000	53.148	75571.84	0.0458	P	0.2
4	☐	125.000	128.570	184987.14	0.1107	P	1.8
5	☐	250.000	254.853	358039.88	0.2193	P	0.7
6	☐	500.000	502.198	679295.47	0.4322	P	0.8
7	☐	1000.000	997.084	1343987.98	0.8580	P	0.3
8	☐			296.30	0.0002	P	12.6

$$y = 8.6038\text{E-}004 * x + 7.6222\text{E-}005$$

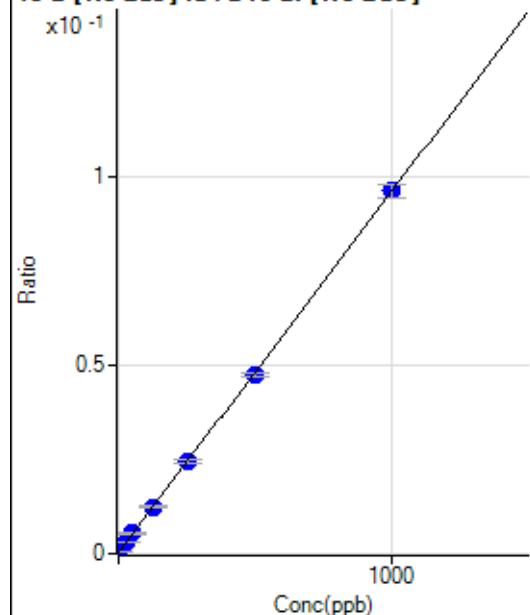
$$R = 1.0000$$

$$DL = 0.04006$$

$$BEC = 0.08859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	472.24	0.0003	P	14.0
2	☐	25.000	28.261	4884.24	0.0030	P	8.5
3	☐	50.000	54.205	9016.78	0.0055	P	7.6
4	☐	125.000	126.669	20689.51	0.0124	P	4.6
5	☐	250.000	250.602	39524.16	0.0242	P	4.2
6	☐	500.000	493.527	74530.53	0.0474	P	2.8
7	☐	1000.000	1002.586	150420.25	0.0960	P	3.5
8	☐			2461.37	0.0016	P	2.1

$$y = 9.5478\text{E-}005 * x + 2.9009\text{E-}004$$

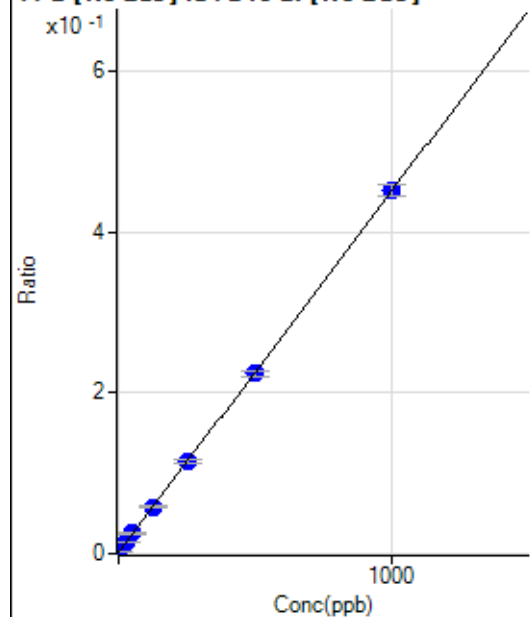
$$R = 1.0000$$

$$DL = 1.272$$

$$BEC = 3.038$$

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	2272.44	0.0014	P	9.7
2	☐	25.000	28.219	23029.01	0.0141	P	5.0
3	☐	50.000	54.273	42574.24	0.0258	P	5.5
4	☐	125.000	127.031	97750.99	0.0585	P	7.2
5	☐	250.000	250.967	186474.35	0.1143	P	4.9
6	☐	500.000	495.467	352456.57	0.2242	P	3.8
7	☐	1000.000	1001.477	707760.11	0.4518	P	3.1
8	☐			11243.34	0.0071	P	4.0

$$y = 4.4972\text{E-}004 * x + 0.0014$$

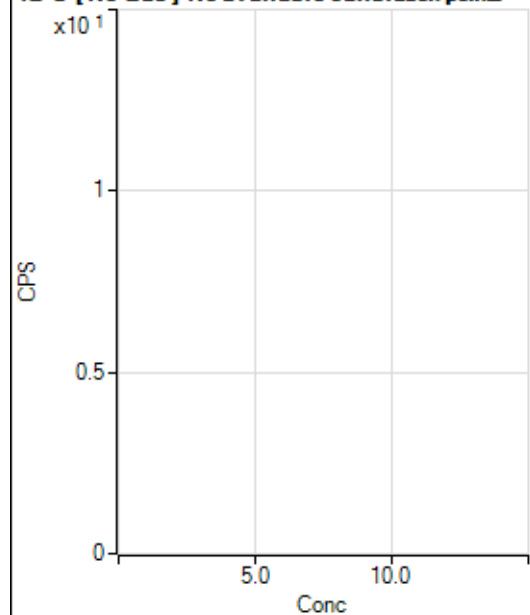
$$R = 1.0000$$

$$DL = 0.907$$

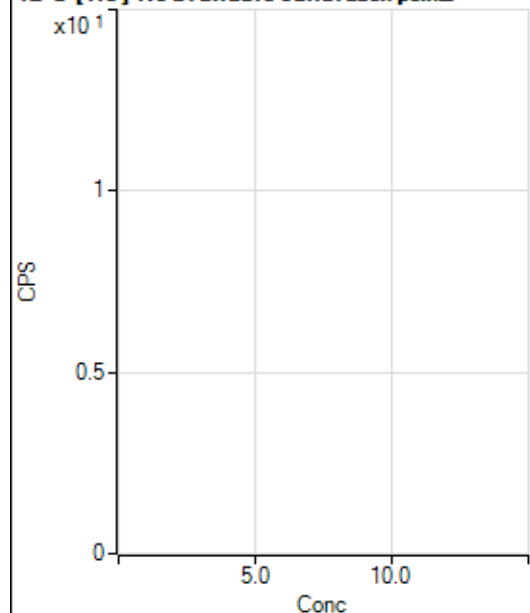
$$BEC = 3.105$$

Weight: <None>

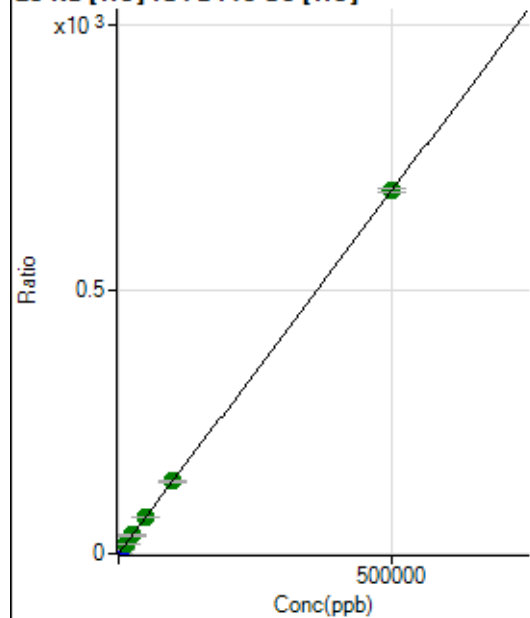
Min Conc: 0

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	☐						

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22150.01	0.0641	P	3.2
2	☐	500.000	520.752	275332.78	0.7797	P	0.9
3	☐	5000.000	5294.248	2527563.55	7.3393	P	1.2
4	☐	12500.000	12562.254	5867628.17	17.3266	A	0.8
5	☐	25000.000	25199.150	10981562.92	34.6917	A	0.6
6	☐	50000.000	50432.450	21092067.14	69.3661	A	1.0
7	☐	100000.00	99516.488	42300448.17	136.8151	A	0.9
8	☐	500000.00	500038.98	223393074.4	687.1948	A	0.9

$$y = 0.0014 * x + 0.0641$$

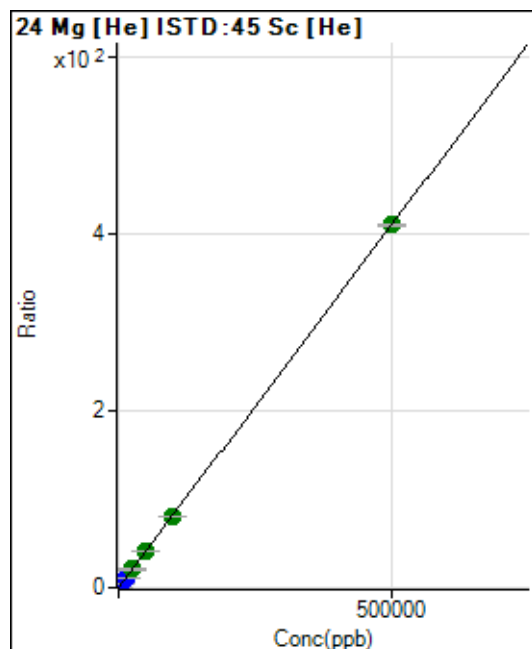
$$R = 1.0000$$

$$DL = 4.42$$

$$BEC = 46.67$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.59	0.0020	P	9.1
2	☐	500.000	506.732	147445.59	0.4176	P	1.0
3	☐	5000.000	5205.363	1470745.42	4.2705	P	0.9
4	☐	12500.000	12707.913	3529702.03	10.4226	P	0.3
5	☐	25000.000	25224.552	6548194.98	20.6864	A	0.9
6	☐	50000.000	50170.359	12510265.64	41.1421	A	0.7
7	☐	100000.00	98736.348	25033650.56	80.9666	A	1.0
8	☐	500000.00	500217.20	133345047.4	410.1837	A	0.4

$$y = 8.2001\text{E-}004 * x + 0.0020$$

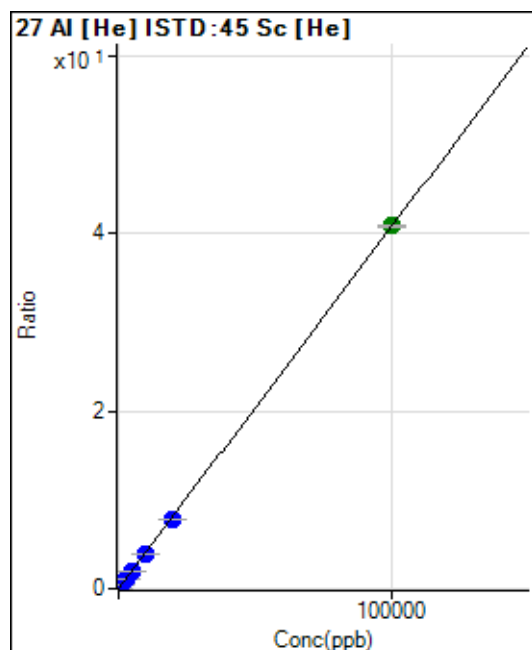
$$R = 1.0000$$

$$DL = 0.6775$$

$$BEC = 2.492$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0007	P	17.8
2	☐	20.000	19.867	3100.40	0.0088	P	2.0
3	☐	1000.000	989.961	139053.81	0.4038	P	1.1
4	☐	2500.000	2415.451	333296.41	0.9842	P	0.3
5	☐	5000.000	4831.223	622893.75	1.9678	P	0.1
6	☐	10000.000	9676.082	1198162.61	3.9404	P	0.4
7	☐	20000.000	19072.629	2401198.67	7.7662	P	1.1
8	☐	100000.00	100228.51	13266834.24	40.8094	A	0.8

$$y = 4.0716\text{E-}004 * x + 6.9162\text{E-}004$$

$$R = 1.0000$$

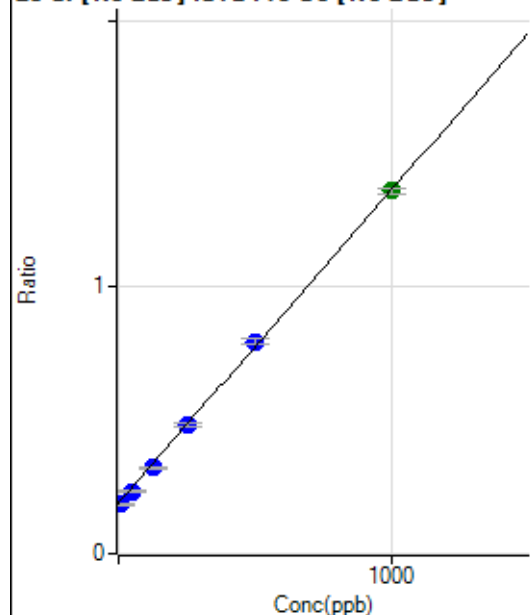
$$DL = 0.9061$$

$$BEC = 1.699$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	797161.87	0.1904	P	0.4
2	☐	10.000	-4.850	774280.96	0.1847	P	0.9
3	☐	50.000	36.462	989892.41	0.2333	P	1.7
4	☐	125.000	112.555	1359028.92	0.3228	P	3.0
5	☐	250.000	247.335	1922296.29	0.4813	P	2.5
6	☐	500.000	513.941	2953352.35	0.7948	P	2.8
7	☐	1000.000	996.077	4958305.88	1.3617	A	1.8
8	☐			1229198.90	0.3211	P	10.6

$$y = 0.0012 * x + 0.1904$$

$$R = 0.9997$$

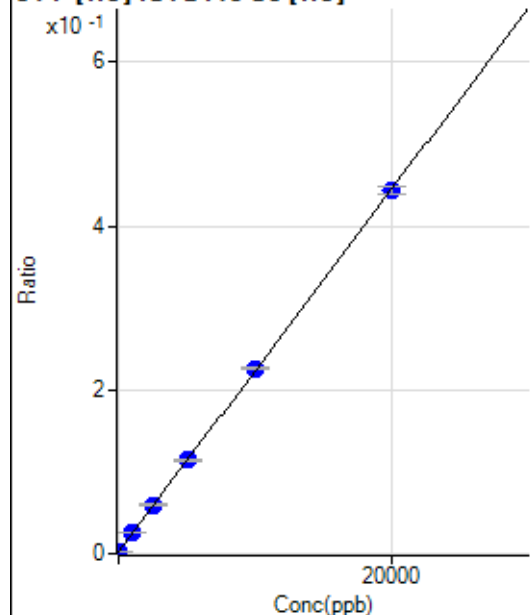
$$DL = 1.748$$

$$BEC = 161.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.582	802.82	0.0023	P	5.0
2	☐	0.000	2.582	861.16	0.0024	P	5.5
3	☐	1000.000	1034.066	8697.15	0.0253	P	4.7
4	☐	2500.000	2572.854	20077.84	0.0593	P	3.1
5	☐	5000.000	5043.855	36069.06	0.1139	P	1.9
6	☐	10000.000	10117.981	68774.85	0.2262	P	1.0
7	☐	20000.000	19919.236	136947.52	0.4430	P	2.1
8	☐			850.05	0.0026	P	9.0

$$y = 2.2119E-005 * x + 0.0024$$

$$R = 1.0000$$

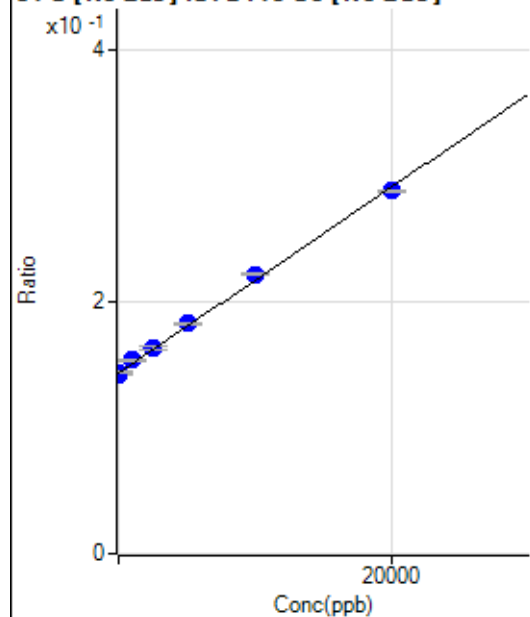
$$DL = 17$$

$$BEC = 107.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-108.705	597835.12	0.1428	P	0.3
2	☐	0.000	108.705	605244.44	0.1444	P	2.0
3	☐	1000.000	1353.245	651797.46	0.1536	P	1.1
4	☐	2500.000	2674.579	688009.02	0.1634	P	1.6
5	☐	5000.000	5357.761	731901.71	0.1832	P	1.0
6	☐	10000.000	10589.317	824656.68	0.2219	P	0.8
7	☐	20000.000	19576.417	1049895.90	0.2883	P	0.6
8	☐			525073.09	0.1372	P	0.3

$$y = 7.3932\text{E-}006 * x + 0.1436$$

$$R = 0.9991$$

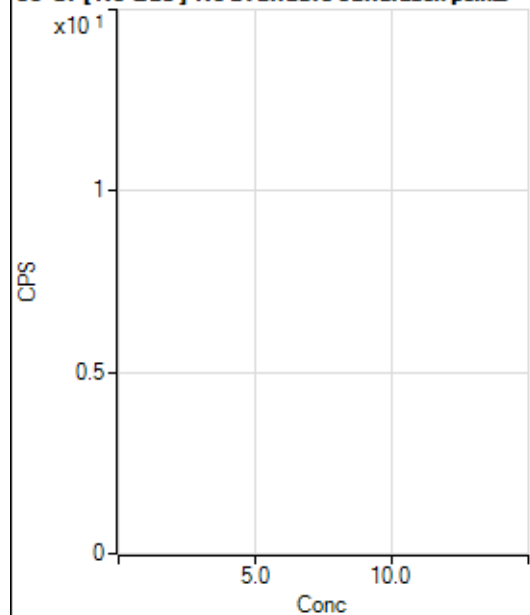
$$DL = 679.3$$

$$BEC = 1.942\text{E}+04$$

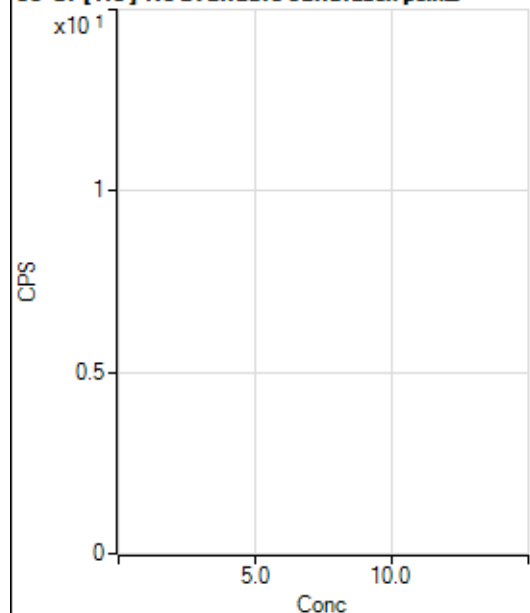
Weight: <None>

Min Conc: 0

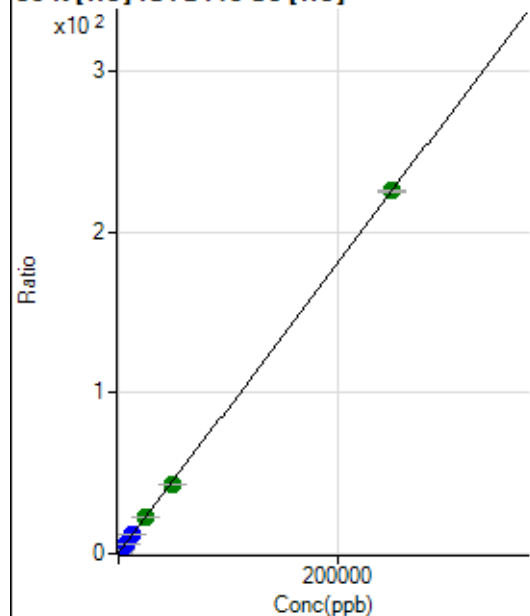
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83218.43	0.2410	P	1.1
2	☐	500.000	498.337	243408.39	0.6893	P	0.2
3	☐	2500.000	2593.326	886529.95	2.5742	P	0.9
4	☐	6250.000	6383.385	2026644.90	5.9843	P	0.4
5	☐	12500.000	12657.701	3681280.42	11.6294	P	0.5
6	☐	25000.000	24699.963	6830726.89	22.4642	A	0.6
7	☐	50000.000	48145.245	13467535.89	43.5586	A	0.2
8	☐	250000.00	250388.80	73314987.05	225.5227	A	0.5

$$y = 8.9973\text{E-}004 * x + 0.2410$$

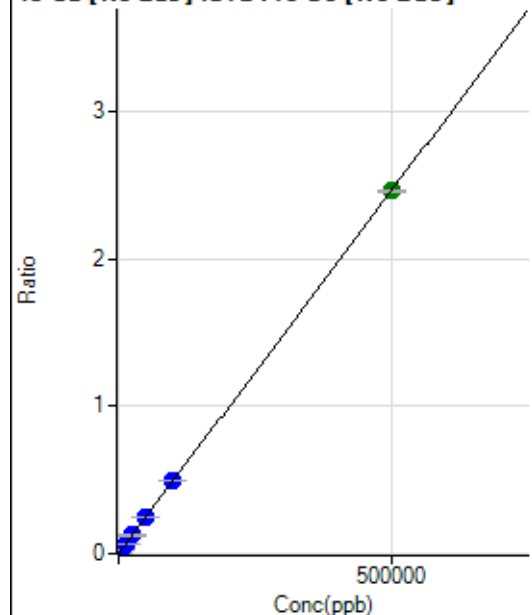
$$R = 1.0000$$

$$DL = 9.038$$

$$BEC = 267.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0001	P	21.9
2	☐	500.000	493.335	10453.98	0.0025	P	4.1
3	☐	5000.000	5111.854	107084.63	0.0252	P	0.4
4	☐	12500.000	12495.301	259349.78	0.0616	P	2.2
5	☐	25000.000	25217.103	496244.99	0.1242	P	1.3
6	☐	50000.000	50382.345	922118.28	0.2481	P	1.0
7	☐	100000.00	101366.60	1817578.60	0.4992	P	0.3
8	☐	500000.00	499676.59	9418480.94	2.4603	A	0.6

$$y = 4.9236\text{E-}006 * x + 6.5744\text{E-}005$$

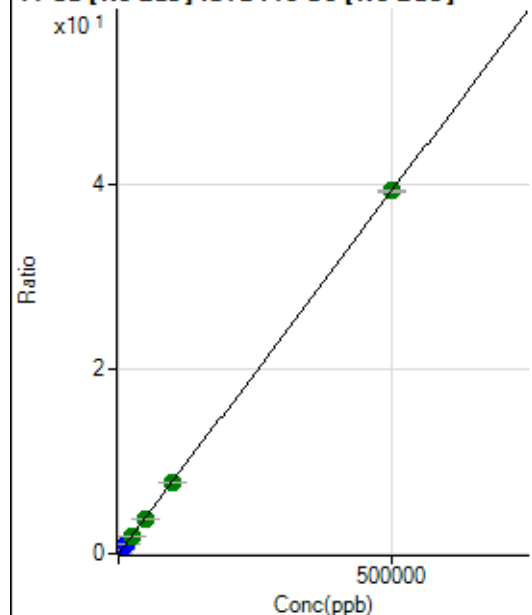
$$R = 1.0000$$

$$DL = 8.764$$

$$BEC = 13.35$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13206.18	0.0032	P	0.5
2	☐	500.000	503.053	178539.29	0.0426	P	3.2
3	☐	5000.000	5131.742	1721047.09	0.4056	P	1.1
4	☐	12500.000	12673.831	4198553.00	0.9970	P	2.2
5	☐	25000.000	24360.246	7644059.98	1.9135	A	0.8
6	☐	50000.000	48683.446	14199357.61	3.8209	A	1.2
7	☐	100000.00	98266.473	28071240.21	7.7092	A	0.1
8	☐	500000.00	500504.68	150267007.5	39.2524	A	0.2

$$y = 7.8419\text{E-}005 * x + 0.0032$$

$$R = 1.0000$$

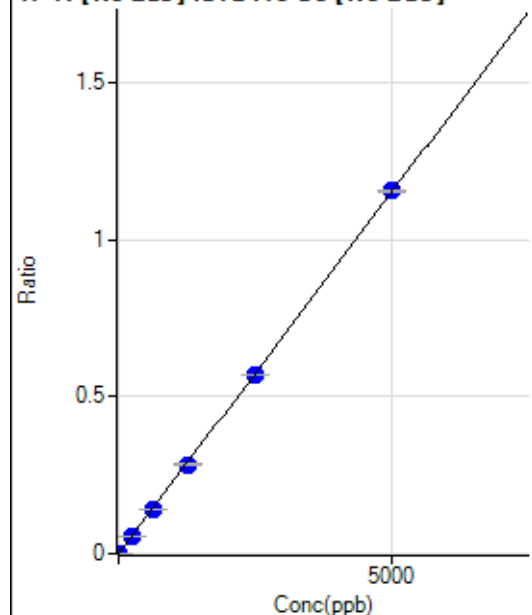
$$DL = 0.6497$$

$$BEC = 40.22$$

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	113.89	0.0000	P	27.3
2	☐	5.000	4.950	4887.09	0.0012	P	3.9
3	☐	250.000	251.350	245396.15	0.0578	P	0.6
4	☐	625.000	615.109	595710.59	0.1415	P	2.9
5	☐	1250.000	1231.328	1131231.63	0.2832	P	1.3
6	☐	2500.000	2467.909	2109210.09	0.5675	P	0.3
7	☐	5000.000	5021.882	4205066.93	1.1548	P	0.4
8	☐			816.71	0.0002	P	4.4

$$y = 2.2996E-004 * x + 2.7182E-005$$

$$R = 1.0000$$

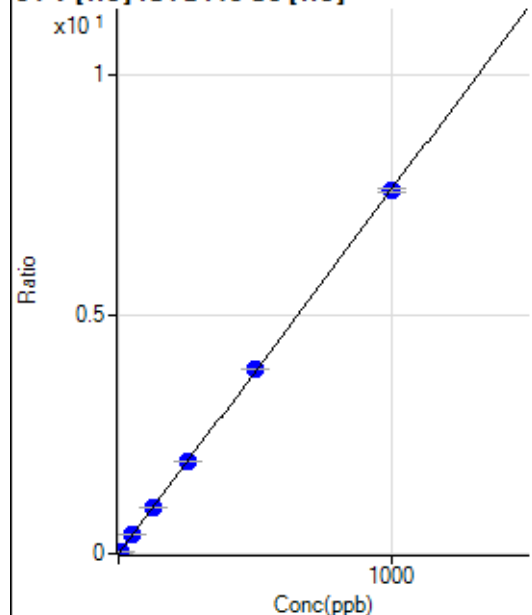
$$DL = 0.09664$$

$$BEC = 0.1182$$

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	37.78	0.0001	P	39.6
2	☐	5.000	5.249	14164.65	0.0401	P	0.3
3	☐	50.000	51.412	134991.06	0.3920	P	1.2
4	☐	125.000	125.890	325002.56	0.9597	P	0.6
5	☐	250.000	252.238	608623.58	1.9227	P	0.9
6	☐	500.000	506.456	1173852.50	3.8604	P	0.7
7	☐	1000.000	996.029	2347226.96	7.5920	P	1.0
8	☐			421.12	0.0013	P	11.8

$$y = 0.0076 * x + 1.0933E-004$$

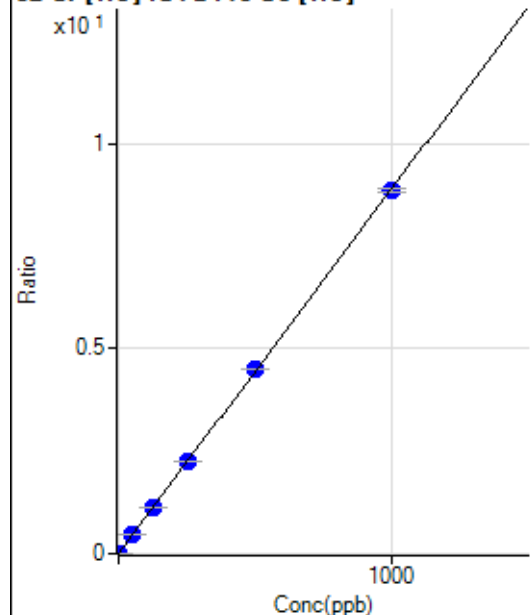
$$R = 1.0000$$

$$DL = 0.01705$$

$$BEC = 0.01434$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1212.28	0.0035	P	5.7
2	☐	2.000	2.112	7871.06	0.0223	P	0.6
3	☐	50.000	52.000	160481.71	0.4660	P	1.7
4	☐	125.000	126.207	381327.87	1.1260	P	0.4
5	☐	250.000	253.408	714549.80	2.2573	P	1.1
6	☐	500.000	507.528	1373662.95	4.5175	P	0.4
7	☐	1000.000	995.133	2737486.49	8.8543	P	1.0
8	☐			19646.49	0.0604	P	1.7

$$y = 0.0089 * x + 0.0035$$

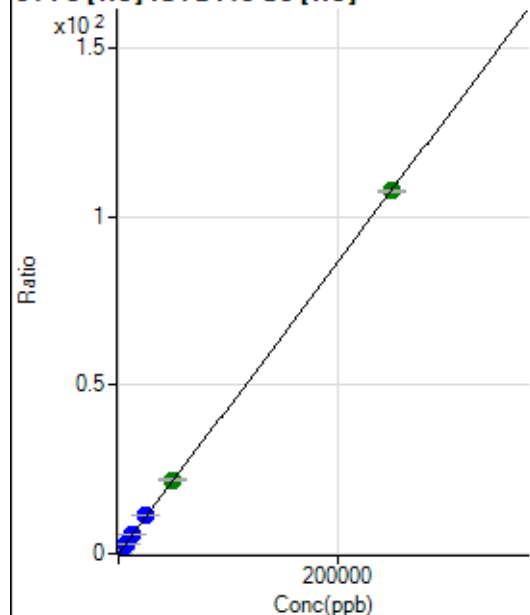
$$R = 1.0000$$

$$DL = 0.06762$$

$$BEC = 0.3946$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1538.33	0.0045	P	5.3
2	☐	50.000	51.920	9486.11	0.0269	P	2.6
3	☐	2500.000	2603.635	388584.92	1.1283	P	1.2
4	☐	6250.000	6430.008	941435.65	2.7799	P	0.2
5	☐	12500.000	12886.673	1762189.65	5.5669	P	0.5
6	☐	25000.000	25879.785	3398138.67	11.1752	P	0.5
7	☐	50000.000	50813.232	6782542.30	21.9376	A	0.7
8	☐	250000.00	249724.50	35042583.43	107.7959	A	0.5

$$y = 4.3164E-004 * x + 0.0045$$

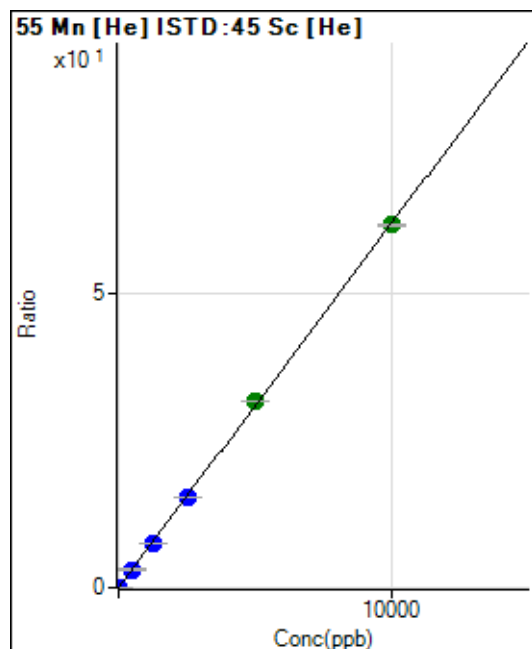
$$R = 1.0000$$

$$DL = 1.64$$

$$BEC = 10.32$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.45	0.0005	P	11.0
2	☐	1.000	0.966	2284.64	0.0065	P	4.1
3	☐	500.000	497.875	1063593.87	3.0884	P	1.5
4	☐	1250.000	1221.649	2566139.53	7.5775	P	0.4
5	☐	2500.000	2460.683	4831286.32	15.2623	P	0.2
6	☐	5000.000	5110.007	9637398.75	31.6940	A	0.4
7	☐	10000.000	9958.476	19096605.83	61.7655	A	0.5
8	☐			12861.26	0.0396	P	0.7

$$y = 0.0062 * x + 4.7612E-004$$

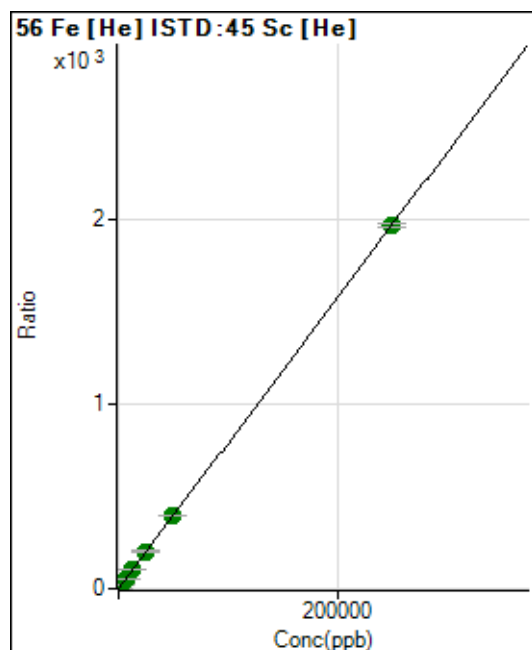
$$R = 0.9999$$

$$DL = 0.02536$$

$$BEC = 0.07677$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9356.83	0.0271	P	3.1
2	☐	50.000	50.447	149611.05	0.4237	P	0.7
3	☐	2500.000	2594.885	7034944.02	20.4279	A	1.0
4	☐	6250.000	6378.006	16990686.61	50.1705	A	0.1
5	☐	12500.000	12799.767	31863257.66	100.6578	A	0.5
6	☐	25000.000	25699.908	61445853.69	202.0777	A	1.0
7	☐	50000.000	50266.843	122192792.5	395.2210	A	0.7
8	☐	250000.00	249857.50	638586606.8	1,964.386	A	0.9

$$y = 0.0079 * x + 0.0271$$

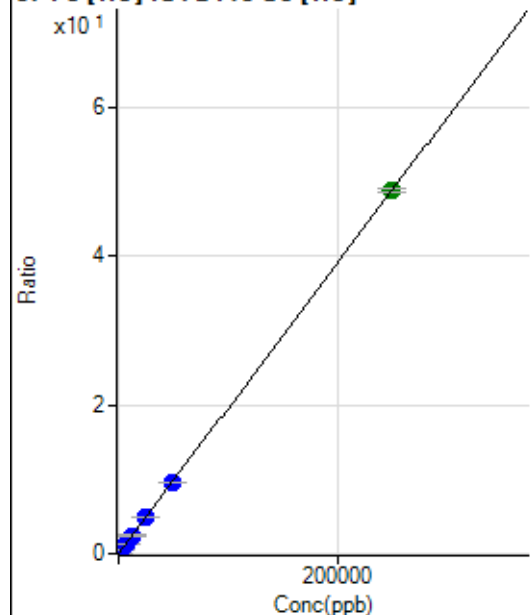
$$R = 1.0000$$

$$DL = 0.32$$

$$BEC = 3.446$$

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	385.20	0.0011	P	12.1
2	☐	50.000	48.803	3748.69	0.0106	P	2.1
3	☐	2500.000	2567.721	172553.40	0.5010	P	1.4
4	☐	6250.000	6238.908	411716.21	1.2157	P	0.3
5	☐	12500.000	12572.525	775159.99	2.4488	P	1.0
6	☐	25000.000	25155.087	1489471.79	4.8984	P	0.7
7	☐	50000.000	49276.978	2966343.79	9.5946	P	1.1
8	☐	250000.00	250125.07	15830202.44	48.6967	A	1.1

$$y = 1.9469\text{E-}004 * x + 0.0011$$

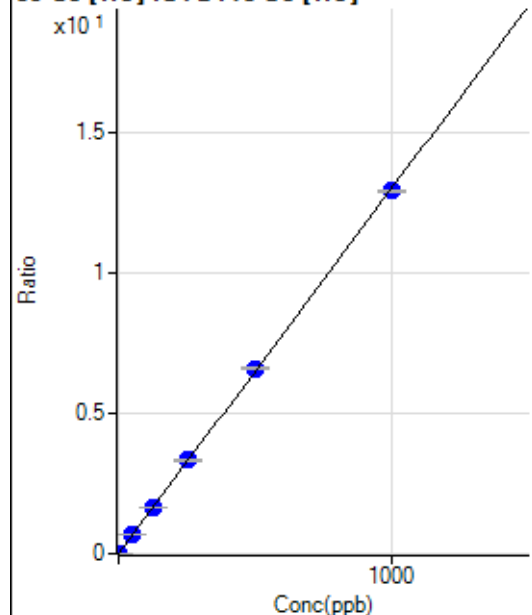
R = 1.0000

DL = 2.076

BEC = 5.729

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	201.11	0.0006	P	12.6
2	☐	1.000	1.061	5063.14	0.0143	P	1.7
3	☐	50.000	52.317	233910.79	0.6792	P	1.5
4	☐	125.000	128.540	564829.03	1.6679	P	0.6
5	☐	250.000	255.570	1049544.64	3.3156	P	0.2
6	☐	500.000	508.146	2004383.68	6.5917	P	0.2
7	☐	1000.000	993.976	3986350.36	12.8934	P	0.6
8	☐			6469.26	0.0199	P	1.8

$$y = 0.0130 * x + 5.8242\text{E-}004$$

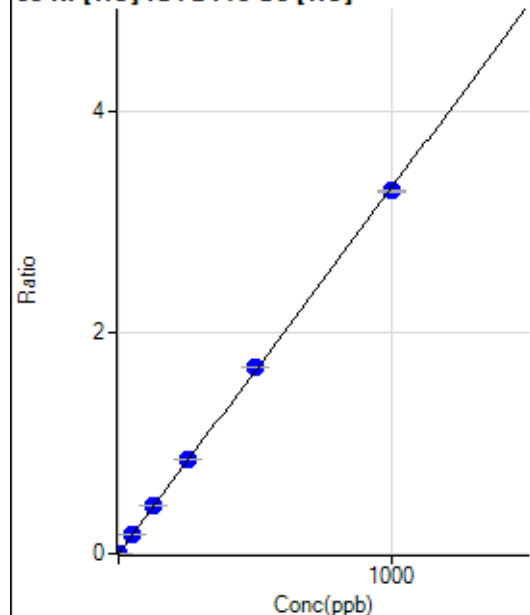
R = 0.9999

DL = 0.017

BEC = 0.0449

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	115.56	0.0003	P	24.1
2	☐	1.000	1.108	1412.31	0.0040	P	4.5
3	☐	50.000	53.285	60818.59	0.1766	P	0.8
4	☐	125.000	129.642	145341.30	0.4292	P	0.4
5	☐	250.000	257.564	269803.24	0.8523	P	0.3
6	☐	500.000	511.174	514261.55	1.6912	P	0.3
7	☐	1000.000	991.778	1014411.14	3.2810	P	0.6
8	☐			5074.27	0.0156	P	5.2

$$y = 0.0033 * x + 3.3451E-004$$

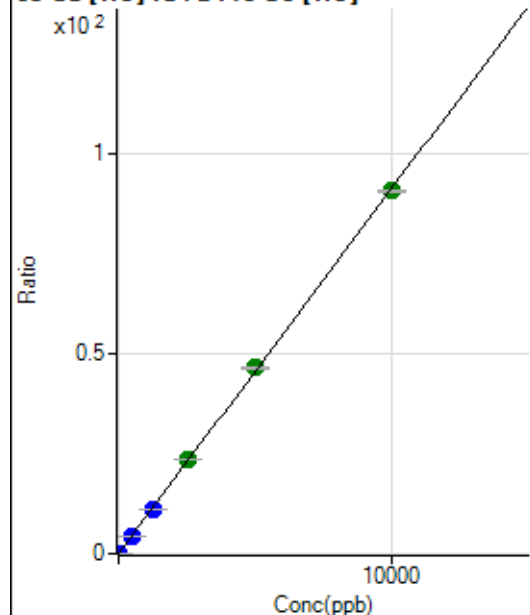
$$R = 0.9999$$

$$DL = 0.07296$$

$$BEC = 0.1011$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1655.67	0.0048	P	3.4
2	☐	2.000	1.933	7909.98	0.0224	P	1.2
3	☐	500.000	493.130	1548893.53	4.4975	P	1.2
4	☐	1250.000	1201.826	3709567.24	10.9540	P	0.7
5	☐	2500.000	2581.023	7445031.83	23.5192	A	0.3
6	☐	5000.000	5089.290	14099982.71	46.3707	A	0.7
7	☐	10000.000	9941.464	28003707.08	90.5764	A	0.8
8	☐			15974.35	0.0491	P	1.6

$$y = 0.0091 * x + 0.0048$$

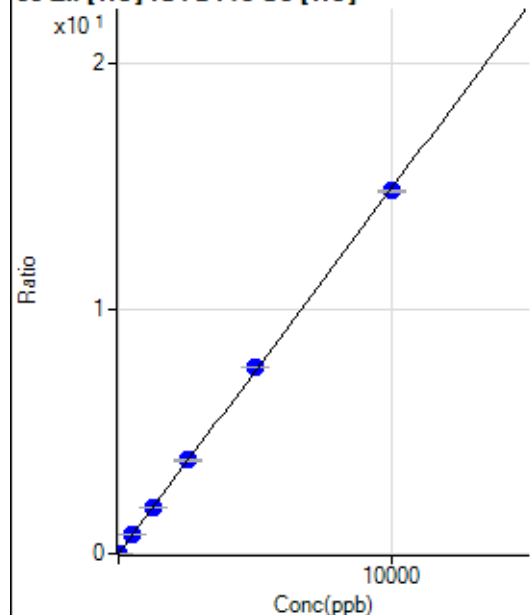
$$R = 0.9999$$

$$DL = 0.05442$$

$$BEC = 0.5262$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0004	P	32.1
2	☐	2.000	2.258	1330.07	0.0038	P	9.4
3	☐	500.000	519.250	266857.83	0.7749	P	1.5
4	☐	1250.000	1276.763	645048.18	1.9047	P	0.8
5	☐	2500.000	2556.696	1207240.46	3.8138	P	0.6
6	☐	5000.000	5093.892	2310377.86	7.5980	P	0.2
7	☐	10000.000	9934.572	4581311.53	14.8180	P	0.8
8	☐			7298.54	0.0225	P	1.9

$$y = 0.0015 * x + 3.9880E-004$$

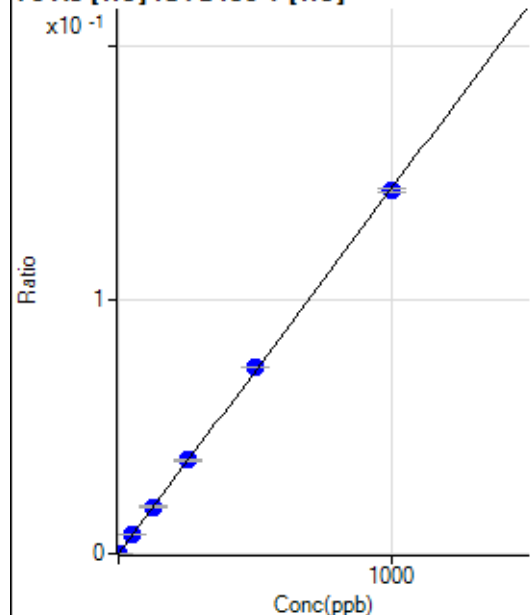
$$R = 0.9999$$

$$DL = 0.2574$$

$$BEC = 0.2674$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.69	0.0000	P	17.7
2	☐	1.000	1.087	417.91	0.0002	P	7.1
3	☐	50.000	52.154	18605.73	0.0075	P	1.6
4	☐	125.000	128.287	44733.77	0.0184	P	1.2
5	☐	250.000	255.508	84049.09	0.0367	P	0.8
6	☐	500.000	509.004	162303.11	0.0731	P	0.2
7	☐	1000.000	993.602	324654.52	0.1427	P	1.1
8	☐			149.39	0.0001	P	3.0

$$y = 1.4358E-004 * x + 1.0093E-005$$

$$R = 0.9999$$

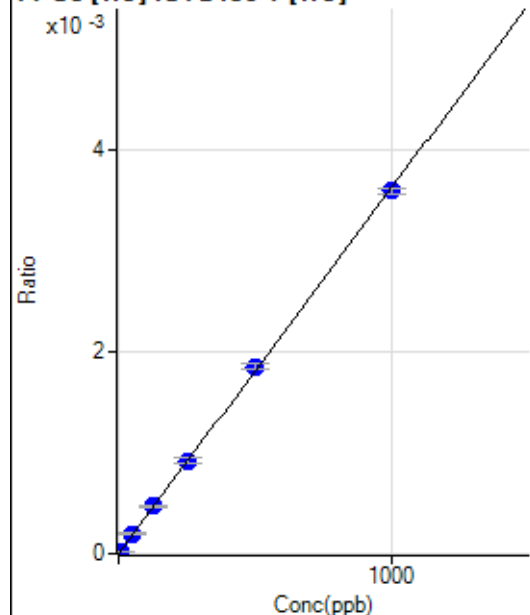
$$DL = 0.03743$$

$$BEC = 0.0703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.735	52.22	0.0000	P	25.8
3	☐	50.000	53.545	481.12	0.0002	P	8.8
4	☐	125.000	129.949	1142.28	0.0005	P	3.5
5	☐	250.000	254.856	2113.51	0.0009	P	6.5
6	☐	500.000	512.412	4119.51	0.0019	P	3.2
7	☐	1000.000	991.780	8171.26	0.0036	P	1.8
8	☐			7.78	0.0000	P	24.9

$$y = 3.6207\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

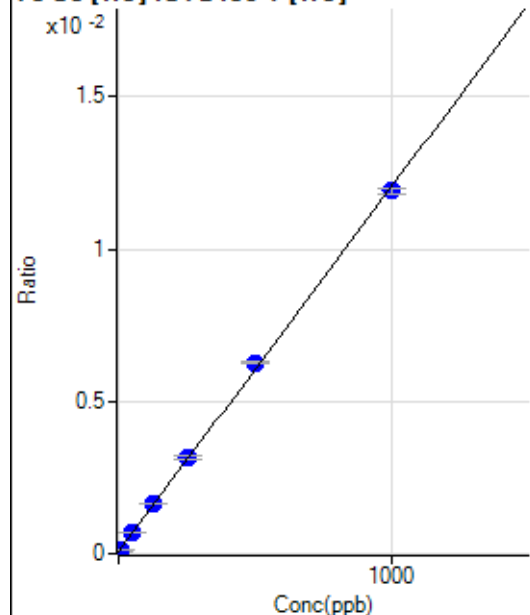
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	171.61	0.0001	P	7.0
2	☐	5.000	4.887	323.46	0.0001	P	13.3
3	☐	50.000	52.863	1743.94	0.0007	P	1.5
4	☐	125.000	130.442	3960.44	0.0016	P	0.7
5	☐	250.000	257.349	7216.63	0.0032	P	2.4
6	☐	500.000	517.240	13904.22	0.0063	P	1.4
7	☐	1000.000	988.720	27091.86	0.0119	P	1.8
8	☐			179.01	0.0001	P	9.7

$$y = 1.1971\text{E-}005 * x + 7.0133\text{E-}005$$

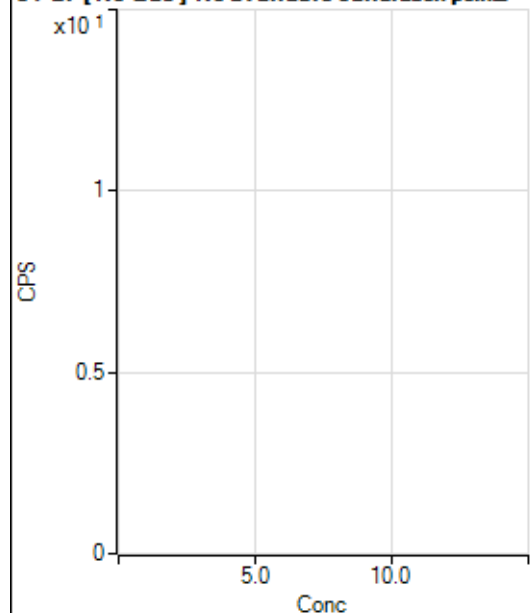
$$R = 0.9997$$

$$DL = 1.227$$

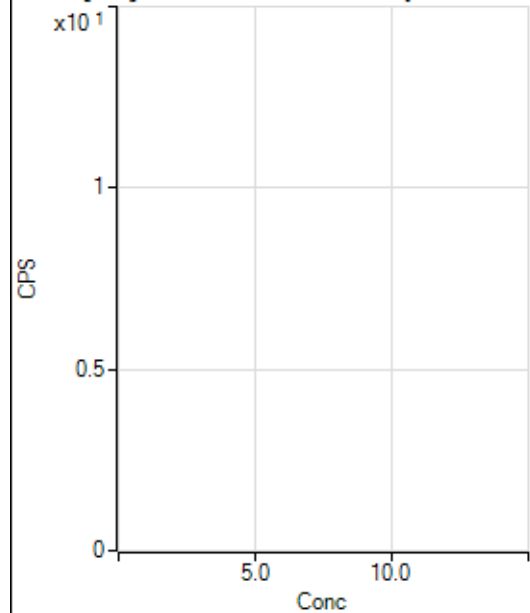
$$BEC = 5.859$$

Weight: <None>

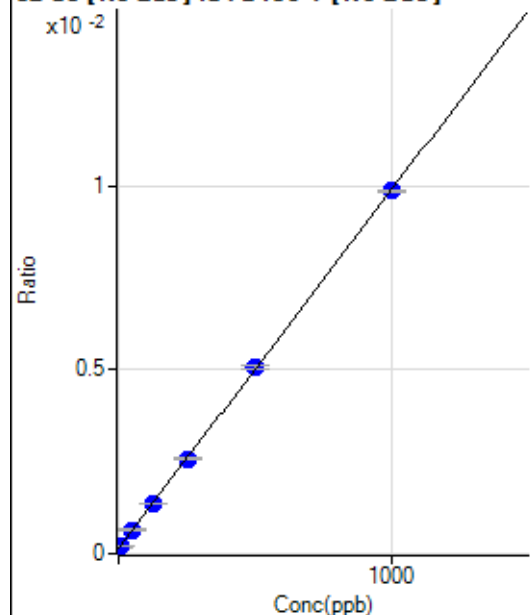
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6454.39		P	2.2
2	☐			6031.97		P	6.0
3	☐			6215.40		P	2.7
4	☐			5929.14		P	4.9
5	☐			5751.29		P	4.8
6	☐			5565.11		P	3.2
7	☐			5348.37		P	4.8
8	☐			5873.55		P	2.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			103.44		P	14.8
2	☐			66.73		P	31.2
3	☐			63.40		P	24.1
4	☐			50.05		P	20.0
5	☐			40.04		P	50.0
6	☐			46.71		P	49.5
7	☐			50.05		P	91.7
8	☐			80.08		P	12.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1492.23	0.0001	P	5.3
2	☐	5.000	4.657	1966.70	0.0002	P	6.6
3	☐	50.000	51.548	6815.07	0.0006	P	2.4
4	☐	125.000	125.413	14400.87	0.0014	P	2.0
5	☐	250.000	249.433	26072.05	0.0026	P	2.9
6	☐	500.000	505.959	48351.37	0.0051	P	1.6
7	☐	1000.000	997.035	93823.17	0.0099	P	0.2
8	☐			1462.65	0.0002	P	4.8

$$y = 9.7552\text{E-}006 * x + 1.4589\text{E-}004$$

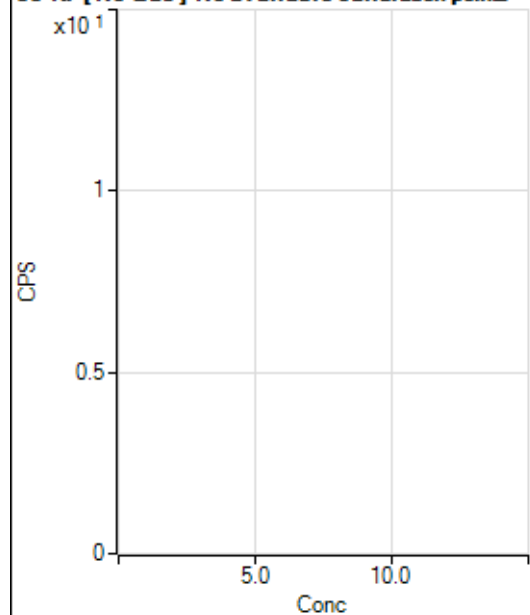
$$R = 1.0000$$

$$DL = 2.393$$

$$BEC = 14.96$$

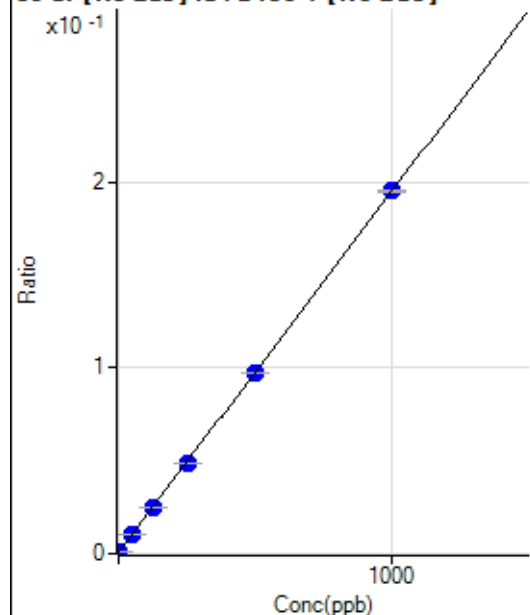
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4193.99		P	4.0
2	☐			4341.80		P	2.6
3	☐			4168.42		P	4.3
4	☐			4036.16		P	1.9
5	☐			4056.17		P	1.9
6	☐			3923.90		P	2.4
7	☐			3798.31		P	5.7
8	☐			3827.21		P	2.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6282.10	0.0006	P	6.4
2	☐	1.000	1.269	8852.93	0.0009	P	4.8
3	☐	50.000	50.809	110214.42	0.0105	P	1.2
4	☐	125.000	123.550	259114.59	0.0246	P	1.8
5	☐	250.000	247.296	492331.78	0.0487	P	2.0
6	☐	500.000	497.938	927094.67	0.0974	P	0.4
7	☐	1000.000	1001.847	1857110.35	0.1954	P	0.3
8	☐			16829.61	0.0017	P	2.2

$$y = 1.9443\text{E-}004 * x + 6.1425\text{E-}004$$

$$R = 1.0000$$

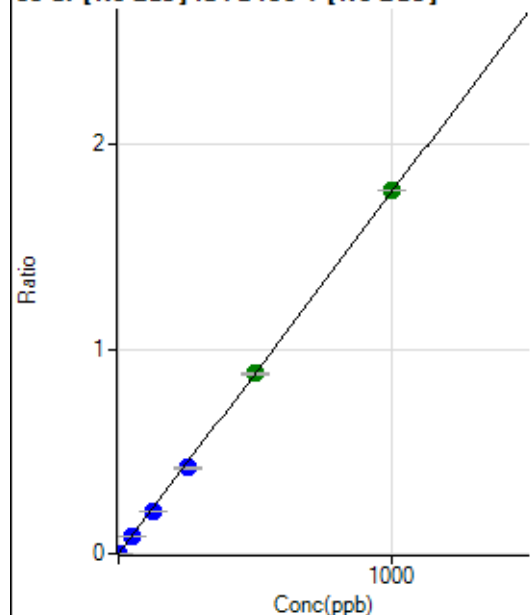
$$DL = 0.6087$$

$$BEC = 3.159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.23	0.0000	P	25.6
2	☐	1.000	0.952	17658.44	0.0017	P	1.0
3	☐	50.000	48.351	896561.18	0.0854	P	1.5
4	☐	125.000	117.972	2189692.56	0.2082	P	2.3
5	☐	250.000	237.602	4239526.70	0.4193	P	1.9
6	☐	500.000	499.361	8385355.14	0.8813	A	1.2
7	☐	1000.000	1004.380	16845313.92	1.7725	A	0.1
8	☐			94269.03	0.0097	P	1.4

$$y = 0.0018 * x + 3.6330\text{E-}005$$

$$R = 0.9999$$

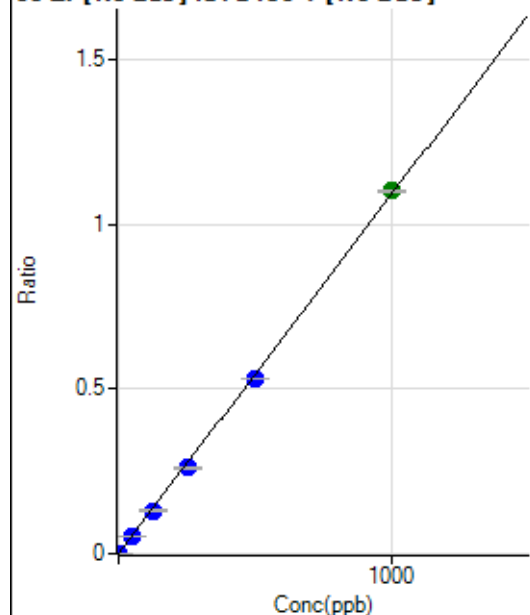
$$DL = 0.01581$$

$$BEC = 0.02059$$

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	413.90	0.0000	P	14.7
2	☐	1.000	0.955	11115.69	0.0011	P	3.5
3	☐	50.000	48.683	557524.97	0.0531	P	1.0
4	☐	125.000	120.062	1376026.04	0.1308	P	2.5
5	☐	250.000	240.237	2646610.65	0.2618	P	2.0
6	☐	500.000	486.294	5041872.86	0.5299	P	0.4
7	☐	1000.000	1009.977	10458041.90	1.1004	A	0.8
8	☐			3611.66	0.0004	P	5.0

$$y = 0.0011 * x + 4.0457E-005$$

$$R = 0.9998$$

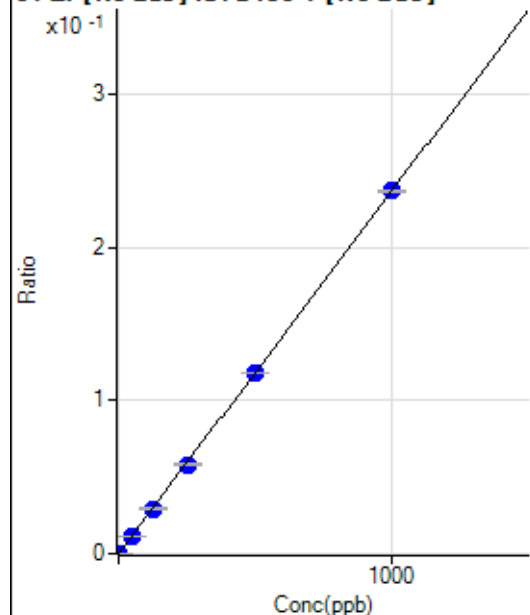
$$DL = 0.01638$$

$$BEC = 0.03713$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	30.1
2	☐	1.000	0.981	2486.40	0.0002	P	4.1
3	☐	50.000	49.849	124046.61	0.0118	P	1.4
4	☐	125.000	123.005	306299.44	0.0291	P	3.3
5	☐	250.000	246.305	589655.51	0.0583	P	1.6
6	☐	500.000	499.275	1124778.36	0.1182	P	0.9
7	☐	1000.000	1001.543	2253527.05	0.2371	P	0.3
8	☐			705.59	0.0001	P	17.8

$$y = 2.3674E-004 * x + 9.2169E-006$$

$$R = 1.0000$$

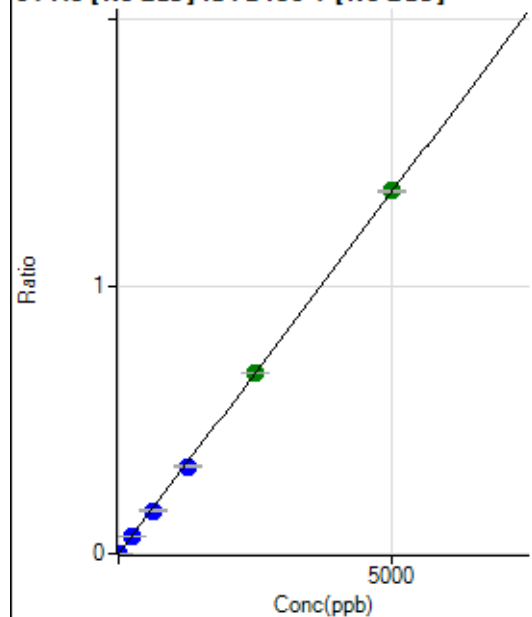
$$DL = 0.03517$$

$$BEC = 0.03893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	17.2
2	☐	5.000	4.704	13303.73	0.0013	P	5.4
3	☐	250.000	243.141	690074.31	0.0657	P	1.1
4	☐	625.000	594.245	1688067.77	0.1605	P	3.2
5	☐	1250.000	1200.960	3279750.53	0.3244	P	2.6
6	☐	2500.000	2492.987	6407995.02	0.6734	A	0.2
7	☐	5000.000	5019.954	12887500.90	1.3560	A	0.4
8	☐			4181.27	0.0004	P	6.7

$$y = 2.7012\text{E-}004 * x + 2.3325\text{E-}005$$

$$R = 0.9999$$

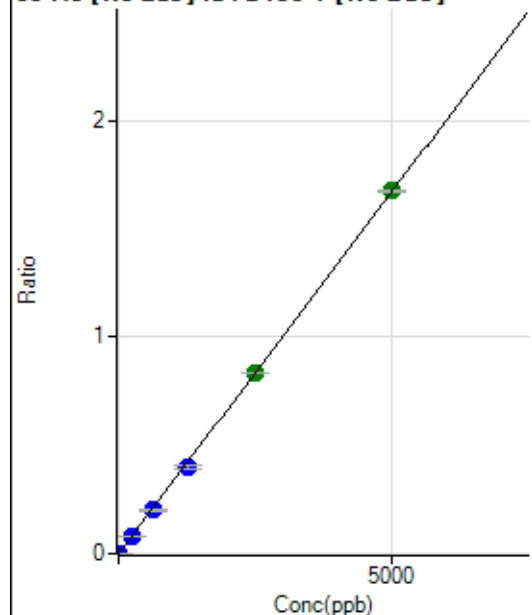
$$DL = 0.04465$$

$$BEC = 0.08635$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	5.9
2	☐	5.000	4.748	16418.05	0.0016	P	2.8
3	☐	250.000	243.997	855415.07	0.0814	P	1.0
4	☐	625.000	600.442	2107245.32	0.2004	P	3.1
5	☐	1250.000	1198.159	4042410.85	0.3999	P	2.7
6	☐	2500.000	2496.406	7928007.21	0.8332	A	0.7
7	☐	5000.000	5018.127	15916447.92	1.6747	A	0.7
8	☐			5051.04	0.0005	P	1.1

$$y = 3.3374\text{E-}004 * x + 1.1396\text{E-}005$$

$$R = 0.9999$$

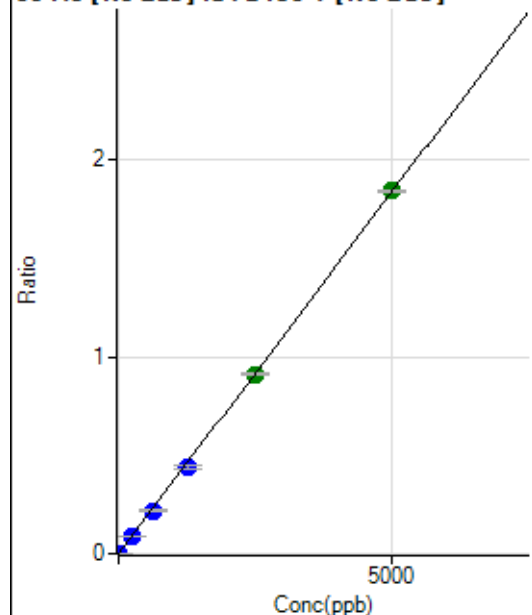
$$DL = 0.006038$$

$$BEC = 0.03415$$

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	280.56	0.0000	P	15.7
2	☐	5.000	4.563	17505.57	0.0017	P	4.8
3	☐	250.000	243.822	940419.42	0.0895	P	1.6
4	☐	625.000	596.994	2304945.21	0.2192	P	2.8
5	☐	1250.000	1196.063	4438989.29	0.4391	P	2.9
6	☐	2500.000	2486.529	8686568.86	0.9129	A	0.5
7	☐	5000.000	5024.030	17529070.53	1.8444	A	0.4
8	☐			6790.65	0.0007	P	2.5

$$y = 3.6712\text{E-}004 * x + 2.7403\text{E-}005$$

$$R = 0.9999$$

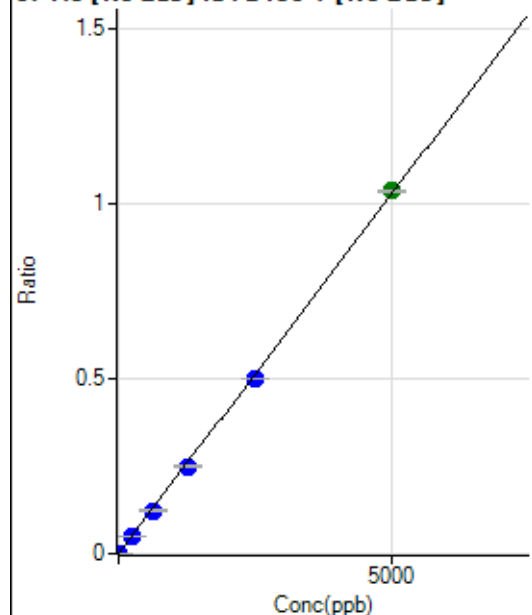
$$DL = 0.03523$$

$$BEC = 0.07465$$

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	133.34	0.0000	P	26.2
2	☐	5.000	4.836	10337.31	0.0010	P	3.5
3	☐	250.000	245.723	529634.34	0.0504	P	1.1
4	☐	625.000	601.218	1297195.39	0.1234	P	2.8
5	☐	1250.000	1207.499	2504502.79	0.2477	P	2.6
6	☐	2500.000	2438.212	4760037.91	0.5002	P	0.5
7	☐	5000.000	5044.706	9836380.08	1.0350	A	0.5
8	☐			2942.06	0.0003	P	2.6

$$y = 2.0516\text{E-}004 * x + 1.3059\text{E-}005$$

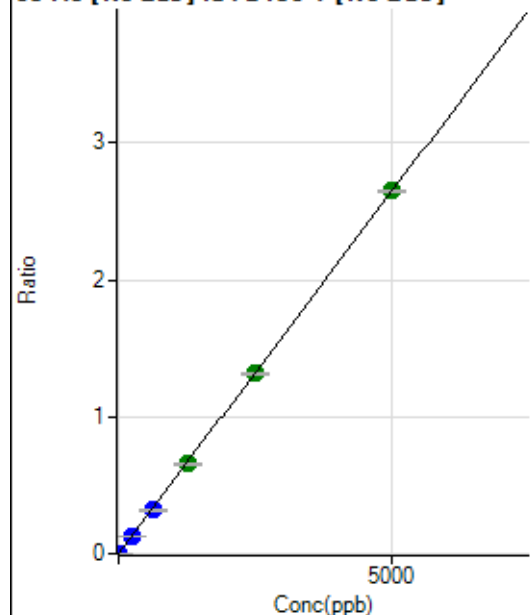
$$R = 0.9998$$

$$DL = 0.05002$$

$$BEC = 0.06365$$

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	236.12	0.0000	P	34.1
2	☐	5.000	4.637	25445.37	0.0025	P	3.2
3	☐	250.000	245.855	1365195.17	0.1300	P	1.3
4	☐	625.000	601.036	3340655.76	0.3177	P	3.3
5	☐	1250.000	1242.306	6638039.30	0.6567	A	3.1
6	☐	2500.000	2486.476	12505960.96	1.3143	A	1.0
7	☐	5000.000	5011.888	25177871.92	2.6492	A	0.7
8	☐			7763.42	0.0008	P	3.0

$$y = 5.2858\text{E-}004 * x + 2.3058\text{E-}005$$

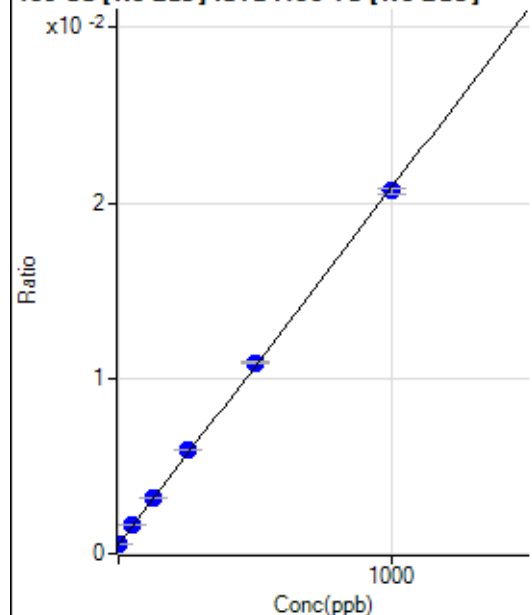
$$R = 1.0000$$

$$DL = 0.04463$$

$$BEC = 0.04362$$

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	4228.51	0.0005	P	4.5
2	☐	1.000	1.823	4539.71	0.0006	P	4.4
3	☐	50.000	53.850	13470.61	0.0016	P	1.5
4	☐	125.000	130.318	26806.50	0.0032	P	1.2
5	☐	250.000	265.628	48647.52	0.0059	P	0.2
6	☐	500.000	508.504	86990.30	0.0109	P	0.8
7	☐	1000.000	990.983	168391.43	0.0207	P	1.7
8	☐			4370.23	0.0005	P	6.7

$$y = 2.0335\text{E-}005 * x + 5.2460\text{E-}004$$

$$R = 0.9998$$

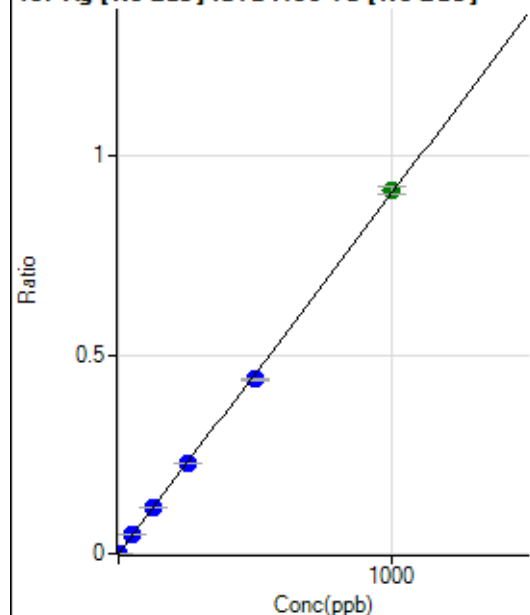
$$DL = 3.512$$

$$BEC = 25.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.11	0.0000	P	20.4
2	☐	1.000	1.058	7827.38	0.0010	P	2.5
3	☐	50.000	52.303	394174.37	0.0474	P	1.6
4	☐	125.000	126.445	967320.27	0.1146	P	1.4
5	☐	250.000	251.071	1867104.54	0.2275	P	1.0
6	☐	500.000	483.681	3508278.42	0.4382	P	0.2
7	☐	1000.000	1007.596	7433940.96	0.9128	A	2.0
8	☐			2241.91	0.0003	P	5.7

$$y = 9.0591\text{E-}004 * x + 1.0687\text{E-}005$$

$$R = 0.9998$$

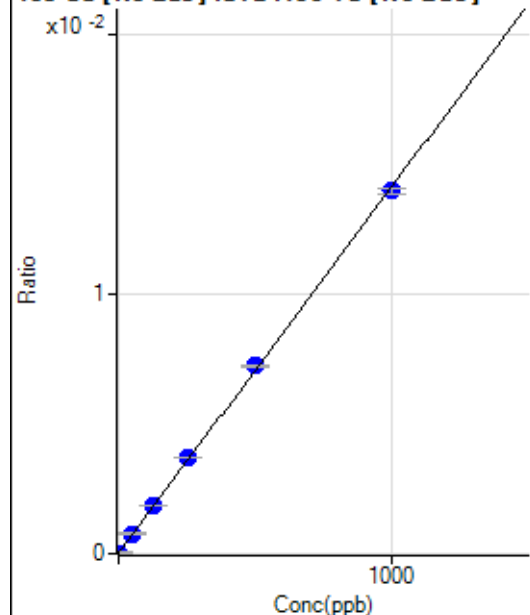
$$DL = 0.007237$$

$$BEC = 0.0118$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	34.3
2	☐	1.000	1.224	294.45	0.0000	P	18.8
3	☐	50.000	53.782	6468.21	0.0008	P	2.1
4	☐	125.000	129.713	15608.71	0.0018	P	1.9
5	☐	250.000	261.403	30418.72	0.0037	P	1.4
6	☐	500.000	512.869	58063.73	0.0073	P	1.2
7	☐	1000.000	989.936	113857.86	0.0140	P	1.6
8	☐			298.62	0.0000	P	6.5

$$y = 1.4103\text{E-}005 * x + 1.9282\text{E-}005$$

$$R = 0.9998$$

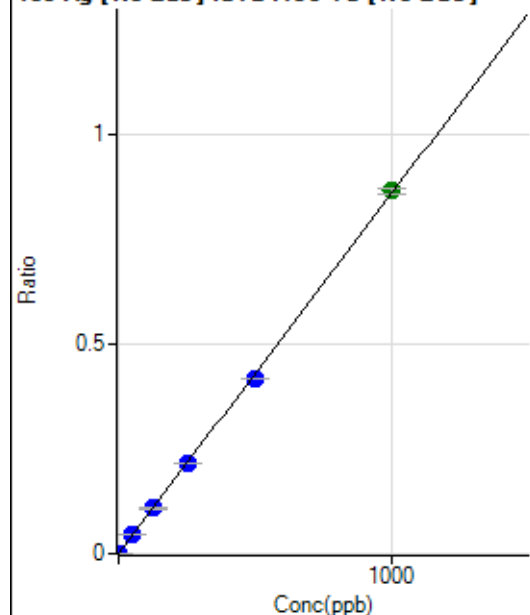
$$DL = 1.406$$

$$BEC = 1.367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	95.9
2	☐	1.000	1.044	7293.72	0.0009	P	1.0
3	☐	50.000	52.750	377859.90	0.0454	P	1.3
4	☐	125.000	126.264	918132.67	0.1087	P	1.5
5	☐	250.000	249.306	1762310.24	0.2147	P	0.7
6	☐	500.000	485.664	3348455.59	0.4182	P	0.4
7	☐	1000.000	1007.046	7062622.55	0.8672	A	1.6
8	☐			2089.11	0.0003	P	2.3

$$y = 8.6113\text{E-}004 * x + 3.7861\text{E-}006$$

$$R = 0.9998$$

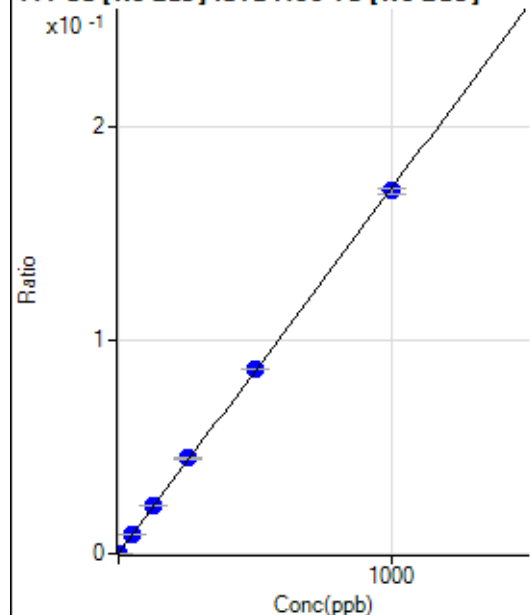
$$DL = 0.01265$$

$$BEC = 0.004397$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	831.26	0.0001	P	6.8
2	☐	1.000	1.100	2351.95	0.0003	P	2.8
3	☐	50.000	53.873	77452.72	0.0093	P	1.4
4	☐	125.000	131.338	190440.38	0.0226	P	2.1
5	☐	250.000	260.921	366966.23	0.0447	P	1.1
6	☐	500.000	506.548	694108.37	0.0867	P	0.2
7	☐	1000.000	993.010	1383340.57	0.1699	P	1.3
8	☐			1303.93	0.0002	P	4.7

$$y = 1.7094\text{E-}004 * x + 1.0313\text{E-}004$$

$$R = 0.9999$$

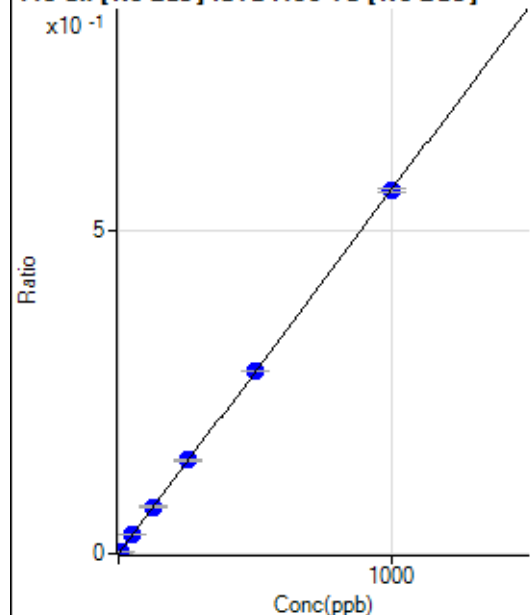
$$DL = 0.1228$$

$$BEC = 0.6033$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	669.48	0.0001	P	7.2
2	☐	5.000	5.388	25178.51	0.0031	P	2.1
3	☐	50.000	52.311	245701.12	0.0295	P	1.4
4	☐	125.000	128.215	610348.90	0.0723	P	2.1
5	☐	250.000	257.111	1189183.51	0.1449	P	0.8
6	☐	500.000	501.054	2259770.76	0.2822	P	0.5
7	☐	1000.000	997.176	4574236.26	0.5616	P	0.9
8	☐			2958.75	0.0004	P	8.1

$$y = 5.6313\text{E-}004 * x + 8.3053\text{E-}005$$

$$R = 1.0000$$

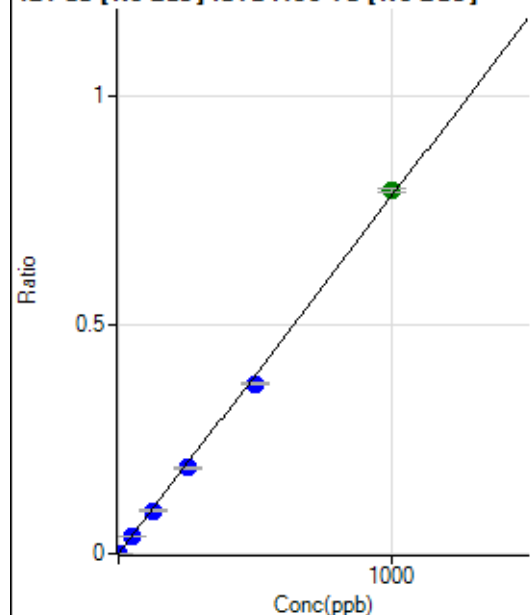
$$DL = 0.03173$$

$$BEC = 0.1475$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	11.0
2	☐	2.000	1.926	12350.20	0.0015	P	4.3
3	☐	50.000	48.982	318500.47	0.0383	P	1.7
4	☐	125.000	119.997	791856.98	0.0938	P	2.0
5	☐	250.000	241.146	1546790.36	0.1884	P	1.5
6	☐	500.000	474.728	2969989.95	0.3709	P	0.8
7	☐	1000.000	1015.526	6462567.72	0.7935	A	1.2
8	☐			3586.66	0.0004	P	5.6

$$y = 7.8134\text{E-}004 * x + 2.4810\text{E-}005$$

$$R = 0.9995$$

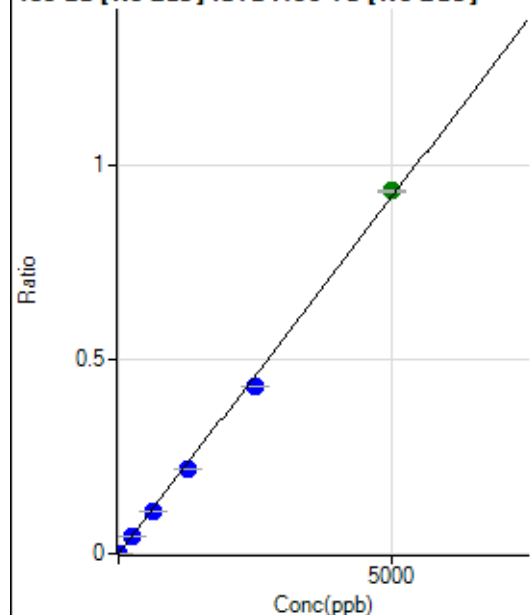
$$DL = 0.01047$$

$$BEC = 0.03175$$

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	25.00	0.0000	P	87.9
2	☐	10.000	9.836	14571.78	0.0018	P	2.6
3	☐	250.000	244.965	373128.41	0.0449	P	1.7
4	☐	625.000	597.295	923654.75	0.1094	P	1.2
5	☐	1250.000	1192.819	1793138.00	0.2185	P	1.2
6	☐	2500.000	2354.916	3452952.86	0.4313	P	0.5
7	☐	5000.000	5090.553	7593017.53	0.9323	A	0.8
8	☐			2655.87	0.0003	P	3.0

$$y = 1.8314\text{E-}004 * x + 3.0952\text{E-}006$$

$$R = 0.9993$$

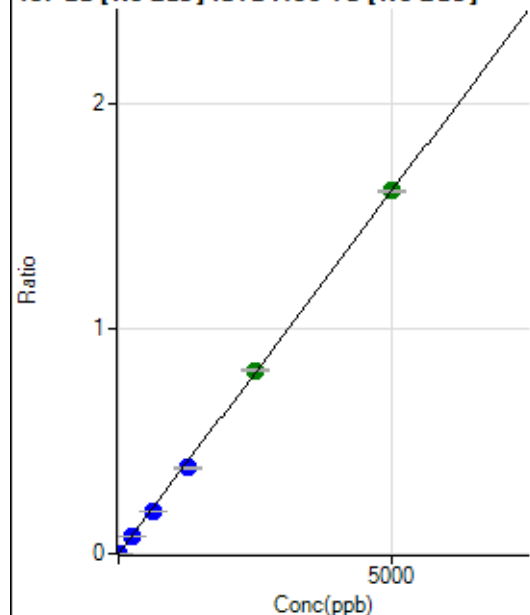
$$DL = 0.04458$$

$$BEC = 0.0169$$

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	77.78	0.0000	P	27.1
2	☐	10.000	9.610	25095.30	0.0031	P	4.1
3	☐	250.000	242.410	650044.73	0.0782	P	1.2
4	☐	625.000	588.647	1602448.22	0.1898	P	0.8
5	☐	1250.000	1181.080	3125469.49	0.3808	P	1.0
6	☐	2500.000	2532.224	6535833.00	0.8163	A	1.2
7	☐	5000.000	5006.042	13144509.23	1.6138	A	0.4
8	☐			4584.21	0.0006	P	3.7

$$y = 3.2237\text{E-}004 * x + 9.6510\text{E-}006$$

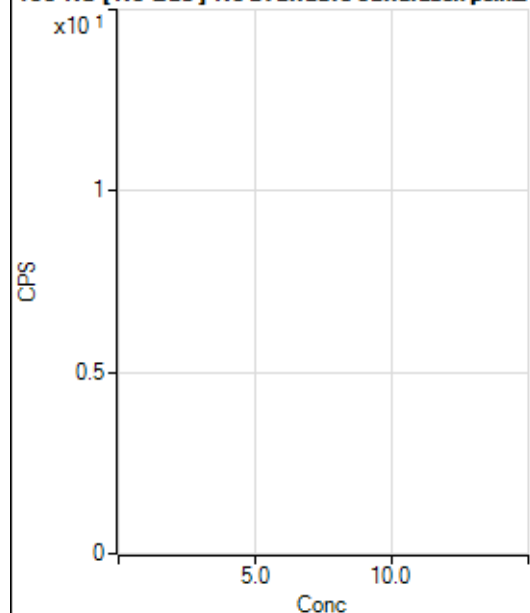
$$R = 0.9999$$

$$DL = 0.02432$$

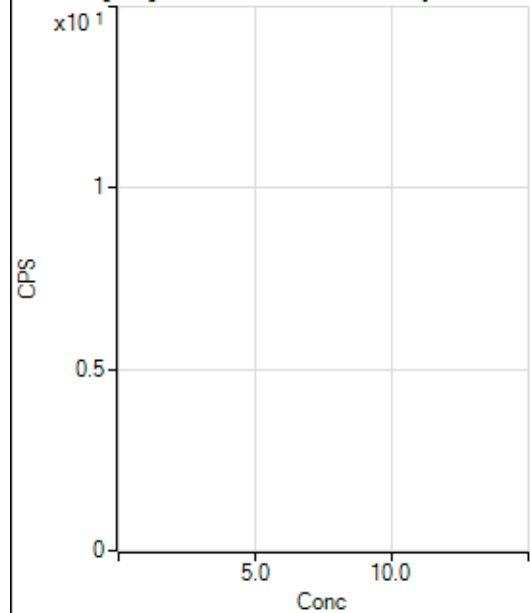
$$BEC = 0.02994$$

Weight: <None>

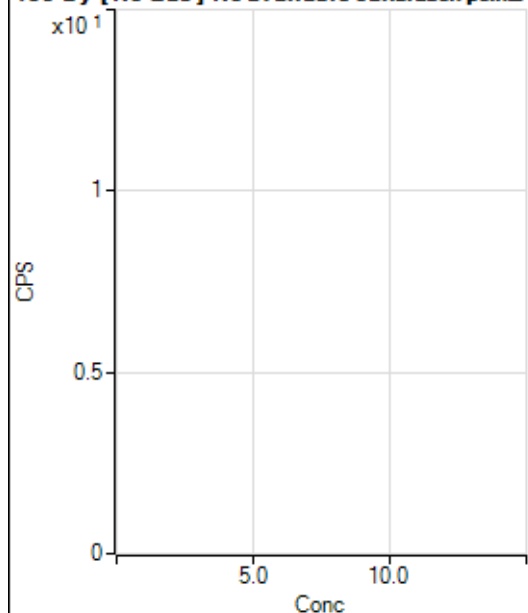
Min Conc: 0

150 Nd [No Gas] No available calibration points

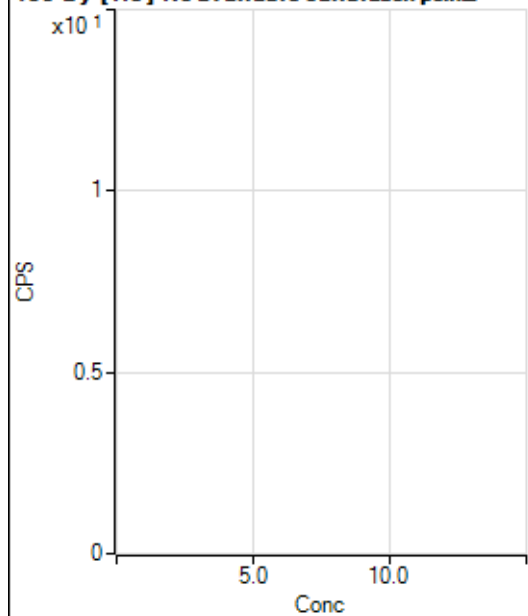
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	100.
3	☐			33.33		P	0.0
4	☐			111.11		P	9.2
5	☐			184.45		P	14.6
6	☐			371.12		P	13.6
7	☐			615.59		P	9.2
8	☐			24.44		P	41.7

150 Nd [He] No available calibration points

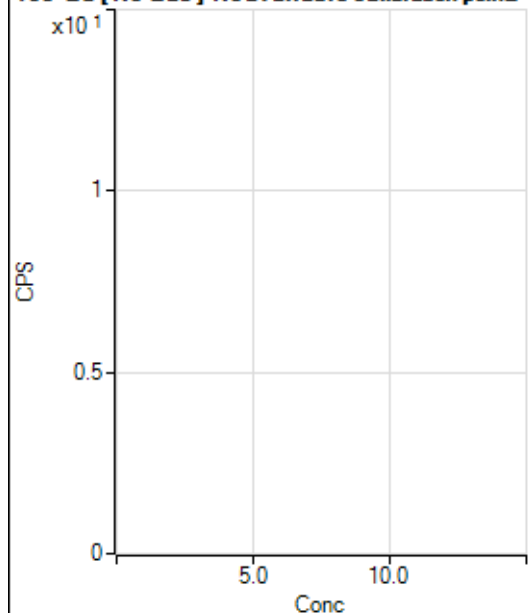
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			10.00		P	33.3
4	☐			23.33		P	51.5
5	☐			30.00		P	11.1
6	☐			81.11		P	26.7
7	☐			132.22		P	27.0
8	☐			25.56		P	45.8

156 Dy [No Gas] No available calibration points

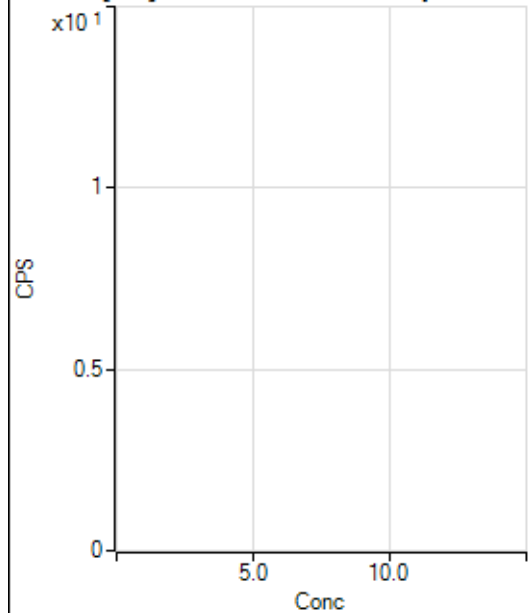
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			19.44		P	89.2
3	☐			44.44		P	28.6
4	☐			97.22		P	26.2
5	☐			147.23		P	21.4
6	☐			200.01		P	12.5
7	☐			416.68		P	15.6
8	☐			1705.71		P	10.6

156 Dy [He] No available calibration points

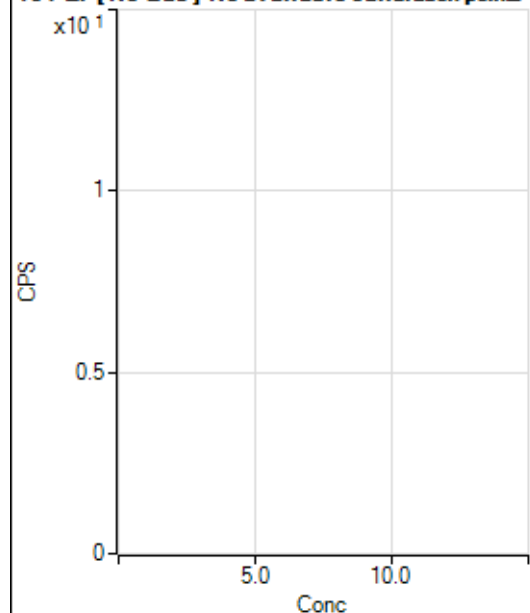
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	0.0
2	☐			6.67		P	100.
3	☐			22.22		P	31.2
4	☐			47.78		P	10.7
5	☐			80.00		P	19.1
6	☐			176.67		P	11.5
7	☐			355.57		P	8.0
8	☐			1170.06		P	3.7

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

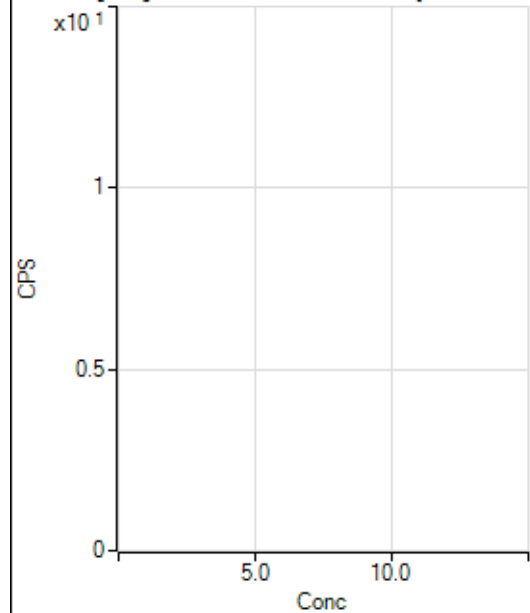
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	14.3
2	☐			63.89		P	7.5
3	☐			94.45		P	5.1
4	☐			86.11		P	31.1
5	☐			197.23		P	8.8
6	☐			325.01		P	9.2
7	☐			461.13		P	16.2
8	☐			1922.42		P	10.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.55		P	22.2
2	☐			61.11		P	50.7
3	☐			81.11		P	16.6
4	☐			101.11		P	7.6
5	☐			136.67		P	12.2
6	☐			204.45		P	11.1
7	☐			342.23		P	16.6
8	☐			1327.85		P	4.6

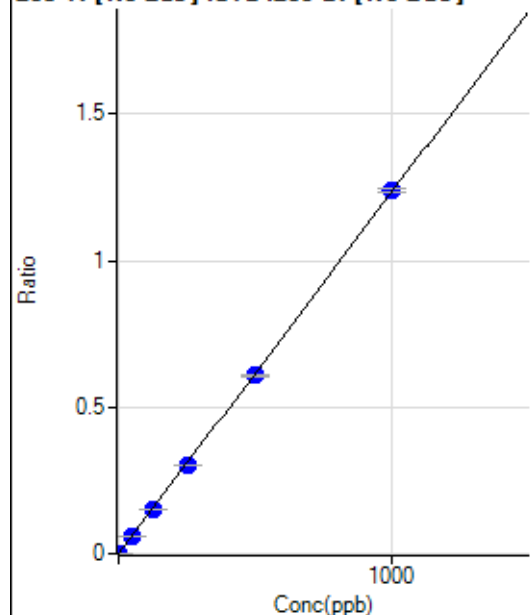
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	45.6
2	☐			38.89		P	81.1
3	☐			44.45		P	28.7
4	☐			50.00		P	16.7
5	☐			97.23		P	44.0
6	☐			105.56		P	37.3
7	☐			116.67		P	24.7
8	☐			280.57		P	25.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	24.1
2	☐			24.44		P	7.9
3	☐			27.78		P	50.0
4	☐			27.78		P	56.7
5	☐			31.11		P	22.3
6	☐			53.33		P	32.5
7	☐			74.45		P	35.9
8	☐			152.23		P	17.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	758.37	0.0002	P	7.8
2	☐	1.000	0.954	6240.50	0.0013	P	5.2
3	☐	50.000	49.009	287032.32	0.0605	P	0.8
4	☐	125.000	121.423	723115.14	0.1497	P	1.6
5	☐	250.000	244.539	1422890.05	0.3014	P	1.2
6	☐	500.000	494.084	2792433.09	0.6087	P	1.0
7	☐	1000.000	1004.820	5694972.57	1.2378	P	1.2
8	☐			1411.23	0.0003	P	2.6

$$y = 0.0012 * x + 1.6219E-004$$

$$R = 1.0000$$

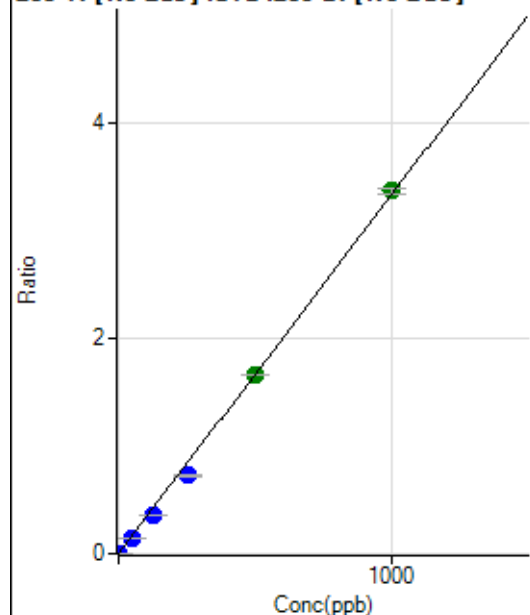
$$DL = 0.031$$

$$BEC = 0.1317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1927.97	0.0004	P	1.2
2	☐	1.000	0.863	15370.31	0.0033	P	2.9
3	☐	50.000	43.454	689724.46	0.1454	P	1.0
4	☐	125.000	107.564	1735886.80	0.3594	P	1.3
5	☐	250.000	218.855	3450698.34	0.7308	P	2.2
6	☐	500.000	498.599	7635863.36	1.6644	A	0.5
7	☐	1000.000	1010.994	15526602.60	3.3745	A	1.7
8	☐			3258.81	0.0008	P	3.9

$$y = 0.0033 * x + 4.1231E-004$$

$$R = 0.9994$$

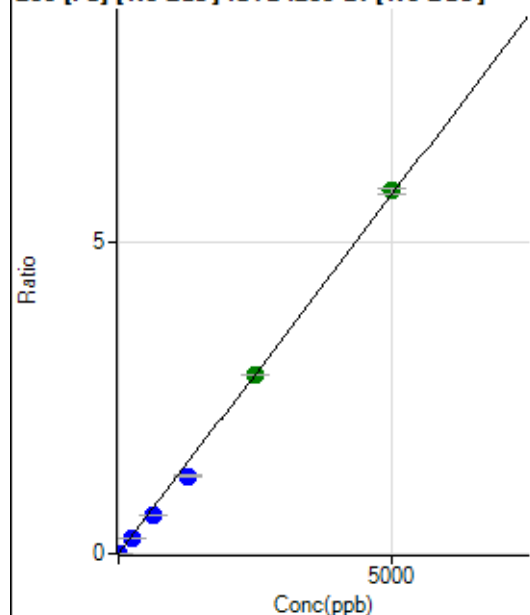
$$DL = 0.004582$$

$$BEC = 0.1235$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	738.92	0.0002	P	8.0
2	☐	1.000	0.853	5330.79	0.0011	P	5.8
3	☐	250.000	215.465	1179744.41	0.2488	P	1.0
4	☐	625.000	532.535	2968433.02	0.6146	P	1.6
5	☐	1250.000	1084.426	5908632.65	1.2514	P	1.2
6	☐	2500.000	2493.404	13198964.53	2.8771	A	0.3
7	☐	5000.000	5057.976	26852128.15	5.8361	A	1.8
8	☐			46021.89	0.0108	P	1.3

$$y = 0.0012 * x + 1.5808E-004$$

$$R = 0.9994$$

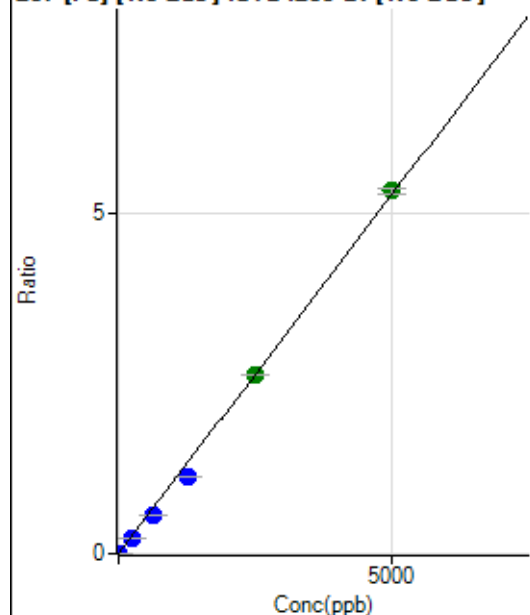
$$DL = 0.03297$$

$$BEC = 0.137$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	559.28	0.0001	P	16.5
2	☐	1.000	0.867	4825.04	0.0010	P	5.3
3	☐	250.000	215.445	1078154.31	0.2273	P	1.1
4	☐	625.000	528.563	2692976.88	0.5576	P	1.8
5	☐	1250.000	1077.999	5368797.11	1.1370	P	1.4
6	☐	2500.000	2495.305	12074050.04	2.6318	A	0.3
7	☐	5000.000	5059.130	24549890.13	5.3358	A	1.4
8	☐			42415.69	0.0100	P	1.1

$$y = 0.0011 * x + 1.1967E-004$$

$$R = 0.9993$$

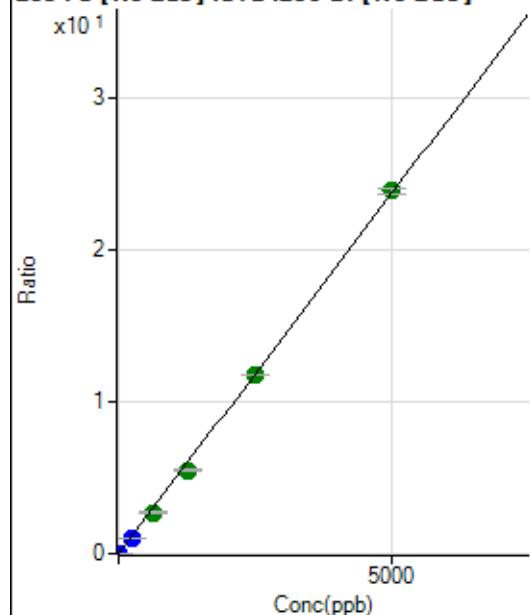
$$DL = 0.05631$$

$$BEC = 0.1135$$

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	2820.54	0.0006	P	5.6
2	☐	1.000	0.840	21379.25	0.0046	P	4.0
3	☐	250.000	214.616	4822984.65	1.0170	P	0.9
4	☐	625.000	572.430	13096227.49	2.7115	A	1.6
5	☐	1250.000	1157.762	25891592.36	5.4835	A	1.6
6	☐	2500.000	2481.351	53913620.77	11.7518	A	0.3
7	☐	5000.000	5040.724	109838237.6	23.8725	A	1.3
8	☐			189353.54	0.0446	P	0.2

$$y = 0.0047 * x + 6.0331E-004$$

$$R = 0.9998$$

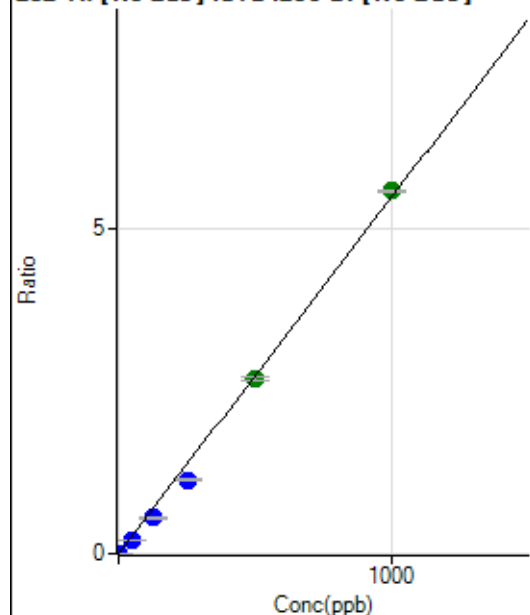
$$DL = 0.02127$$

$$BEC = 0.1274$$

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	525.95	0.0001	P	14.1
2	☐	1.000	-0.001	496.32	0.0001	P	4.9
3	☐	50.000	39.787	1032038.41	0.2176	P	0.5
4	☐	125.000	99.925	2638927.17	0.5464	P	1.5
5	☐	250.000	206.955	5342429.75	1.1315	P	1.1
6	☐	500.000	492.295	12347006.41	2.6913	A	1.8
7	☐	1000.000	1018.260	25614254.04	5.5666	A	0.5
8	☐			1896.48	0.0004	P	4.5

$$y = 0.0055 * x + 1.1255E-004$$

$$R = 0.9989$$

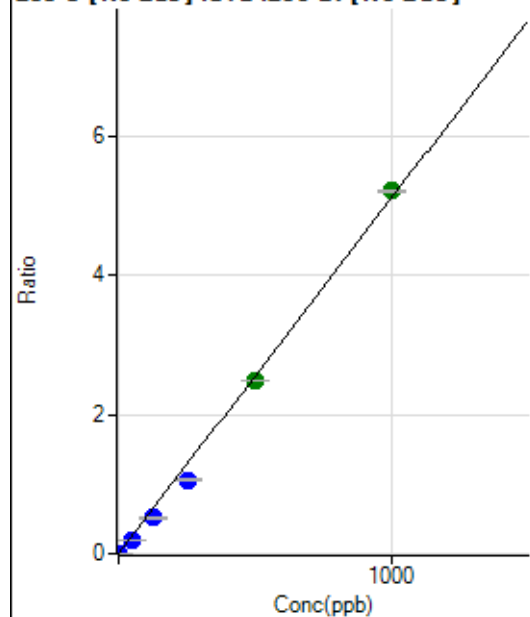
$$DL = 0.008701$$

$$BEC = 0.02059$$

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	336.13	0.0001	P	16.8
2	☐	1.000	0.803	19501.26	0.0042	P	1.5
3	☐	50.000	40.179	974206.52	0.2054	P	1.2
4	☐	125.000	100.726	2486734.73	0.5149	P	1.8
5	☐	250.000	207.524	5008261.14	1.0607	P	0.9
6	☐	500.000	488.105	11444859.20	2.4947	A	0.2
7	☐	1000.000	1020.092	23988286.82	5.2136	A	0.5
8	☐			2758.72	0.0006	P	9.8

$$y = 0.0051 * x + 7.1876E-005$$

$$R = 0.9989$$

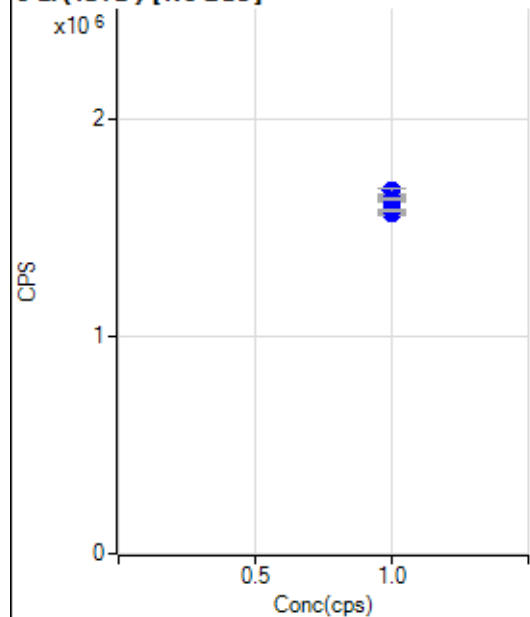
$$DL = 0.007076$$

$$BEC = 0.01406$$

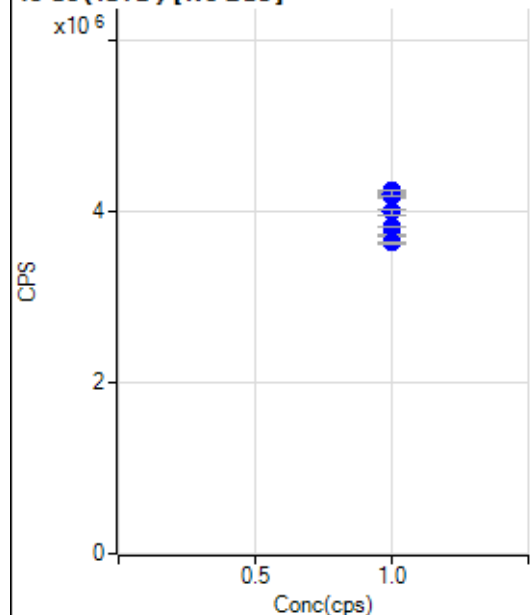
Weight: <None>

Min Conc: 0

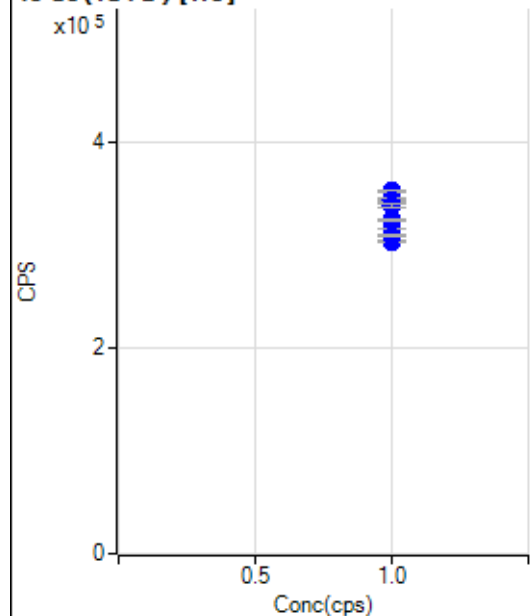
6 Li (ISTD) [No Gas]



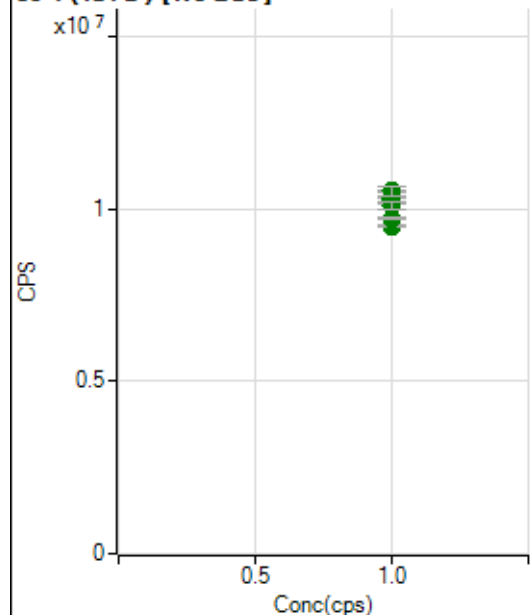
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1626896.47		P	0.8
2	☐	1.000		1635452.04		P	1.3
3	☐	1.000		1649900.51		P	0.4
4	☐	1.000		1671420.69		P	1.5
5	☐	1.000		1632330.48		P	0.7
6	☐	1.000		1571933.60		P	0.8
7	☐	1.000		1566521.63		P	0.6
8	☐	1.000		1582891.11		P	0.7

45 Sc (ISTD) [No Gas]

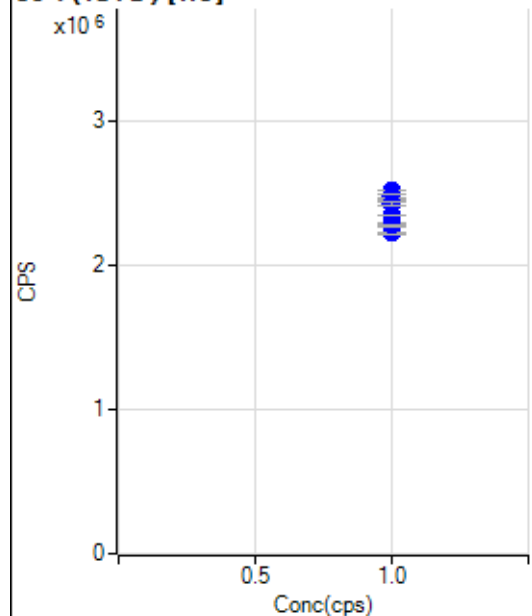
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4186757.58		P	0.6
2	☐	1.000		4192497.16		P	2.0
3	☐	1.000		4243646.95		P	0.8
4	☐	1.000		4212048.76		P	1.7
5	☐	1.000		3995143.41		P	1.3
6	☐	1.000		3716454.73		P	0.7
7	☐	1.000		3641299.67		P	0.6
8	☐	1.000		3828226.54		P	0.2

45 Sc (ISTD) [He]

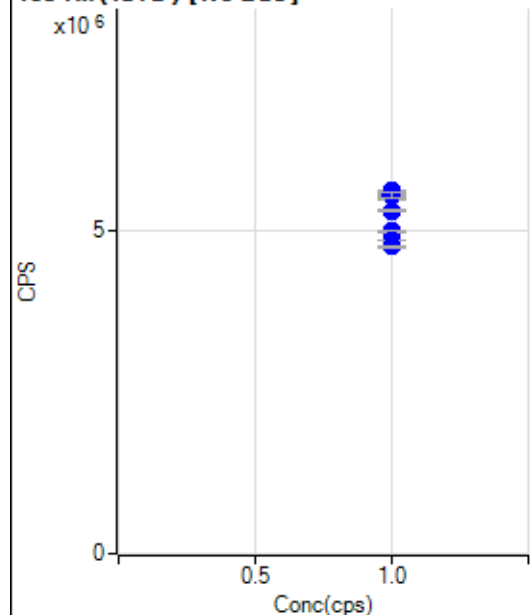
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		345357.18		P	0.2
2	☐	1.000		353108.15		P	0.2
3	☐	1.000		344394.24		P	0.8
4	☐	1.000		338658.29		P	0.6
5	☐	1.000		316550.13		P	0.2
6	☐	1.000		304076.20		P	0.4
7	☐	1.000		309185.96		P	0.8
8	☐	1.000		325085.09		P	0.4

89 Y (ISTD) [No Gas]

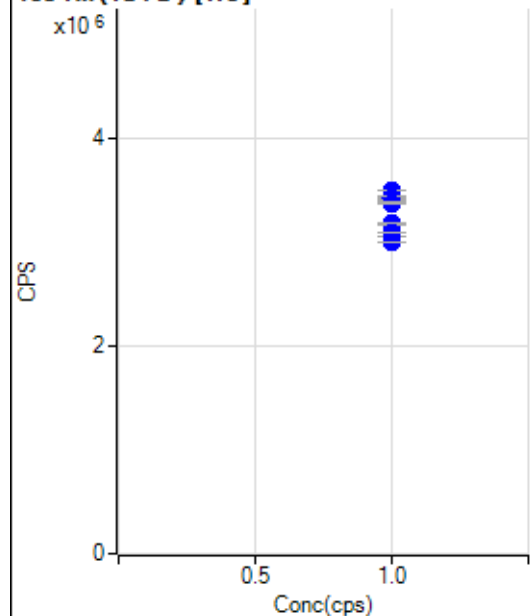
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10232770.75		A	1.2
2	☐	1.000		10287828.04		A	1.8
3	☐	1.000		10503780.54		A	0.7
4	☐	1.000		10520077.07		A	2.4
5	☐	1.000		10112858.60		A	2.1
6	☐	1.000		9515580.41		A	0.6
7	☐	1.000		9503902.84		A	0.4
8	☐	1.000		9716497.15		A	0.7

89 Y (ISTD) [He]

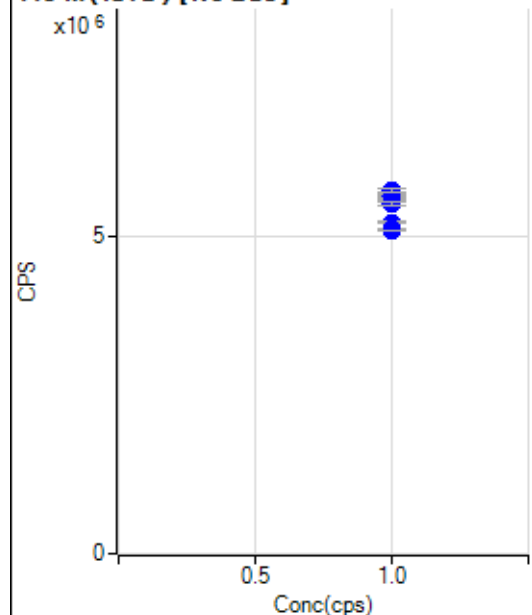
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2447336.65		P	0.4
2	☐	1.000		2514754.82		P	0.1
3	☐	1.000		2481084.65		P	0.9
4	☐	1.000		2427370.43		P	0.7
5	☐	1.000		2290415.64		P	0.0
6	☐	1.000		2220508.32		P	0.4
7	☐	1.000		2275609.77		P	0.5
8	☐	1.000		2343923.02		P	0.1

103 Rh (ISTD) [No Gas]

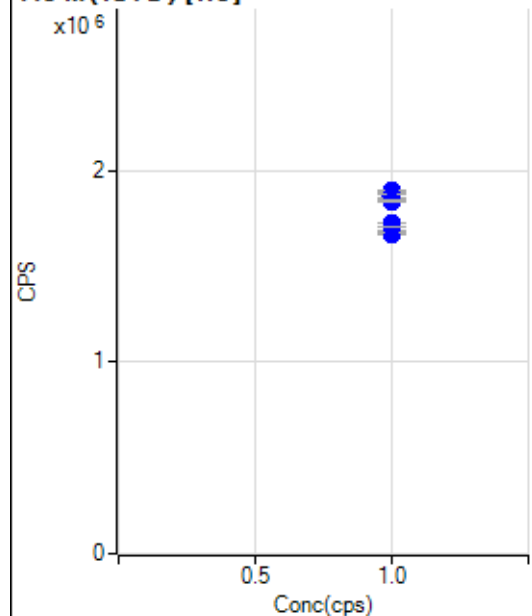
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5516253.32		P	0.7
2	☐	1.000		5510857.21		P	1.9
3	☐	1.000		5603100.61		P	0.6
4	☐	1.000		5543183.67		P	1.4
5	☐	1.000		5291843.81		P	0.7
6	☐	1.000		4979116.83		P	0.7
7	☐	1.000		4841561.52		P	0.5
8	☐	1.000		4743358.37		P	0.3

103 Rh (ISTD) [He]

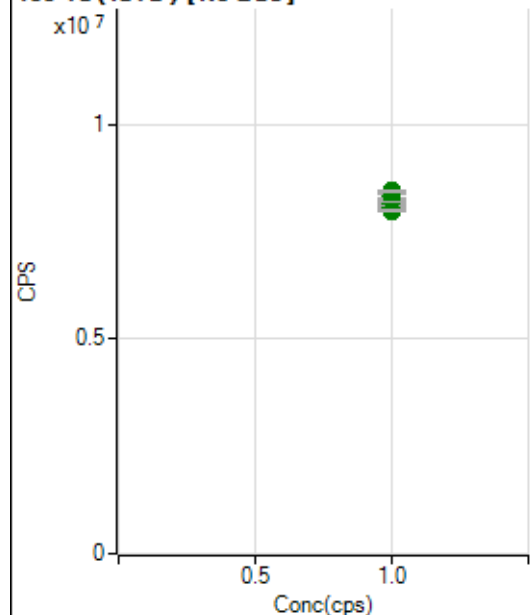
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3413711.86		P	0.5
2	☐	1.000		3494085.96		P	0.1
3	☐	1.000		3427068.94		P	0.7
4	☐	1.000		3379071.58		P	0.6
5	☐	1.000		3178708.84		P	0.2
6	☐	1.000		3057393.29		P	0.4
7	☐	1.000		3092186.58		P	0.3
8	☐	1.000		2998094.71		P	0.3

115 In (ISTD) [No Gas]

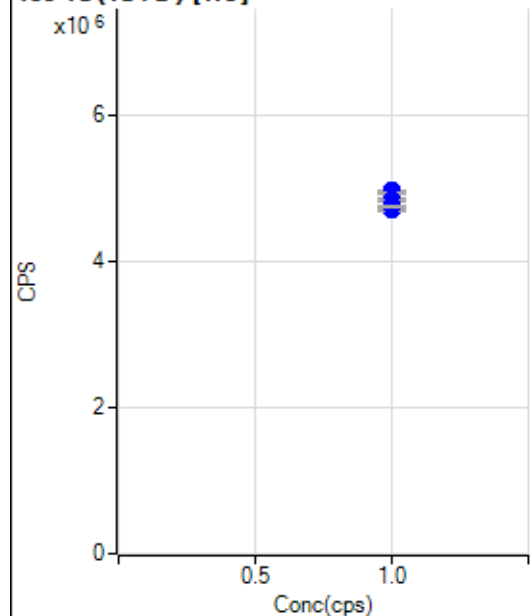
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5624855.96		P	1.0
2	☐	1.000		5629775.68		P	1.7
3	☐	1.000		5686619.30		P	0.8
4	☐	1.000		5721933.17		P	0.9
5	☐	1.000		5510674.35		P	1.0
6	☐	1.000		5224975.49		P	0.3
7	☐	1.000		5123664.41		P	0.4
8	☐	1.000		5087662.81		P	0.2

115 In (ISTD) [He]

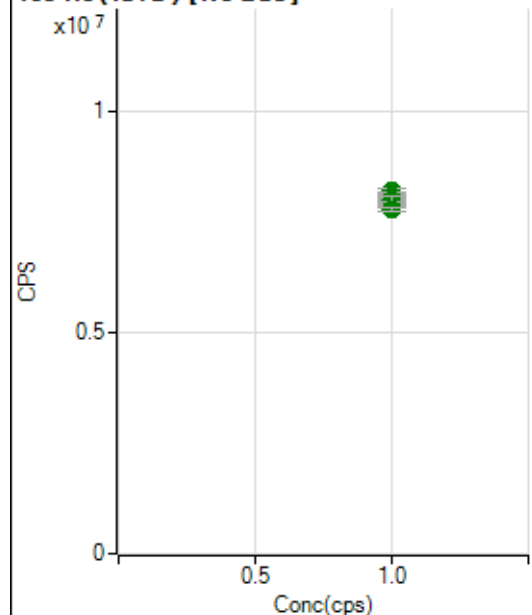
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1849042.00		P	0.6
2	☐	1.000		1895870.71		P	0.2
3	☐	1.000		1868537.53		P	0.8
4	☐	1.000		1841006.36		P	0.6
5	☐	1.000		1729426.74		P	0.3
6	☐	1.000		1668627.59		P	0.2
7	☐	1.000		1685536.90		P	0.5
8	☐	1.000		1711848.29		P	0.1

159 Tb (ISTD) [No Gas]

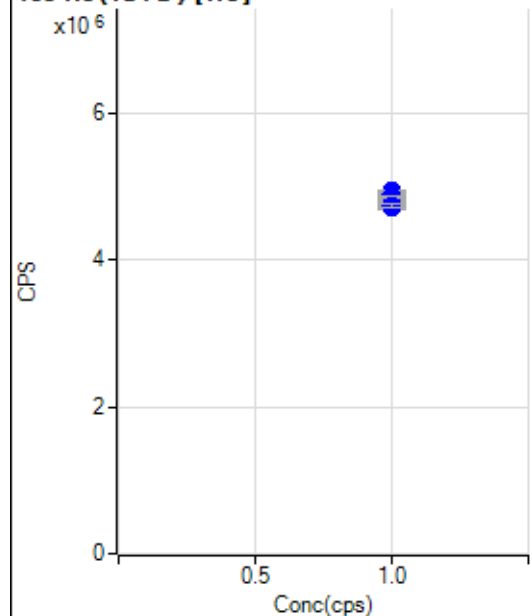
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8061215.02		A	0.3
2	☐	1.000		8078004.67		A	2.0
3	☐	1.000		8317785.99		A	1.1
4	☐	1.000		8444230.36		A	0.7
5	☐	1.000		8208882.03		A	0.7
6	☐	1.000		8006415.16		A	0.2
7	☐	1.000		8145173.42		A	1.1
8	☐	1.000		7975539.26		A	0.7

159 Tb (ISTD) [He]

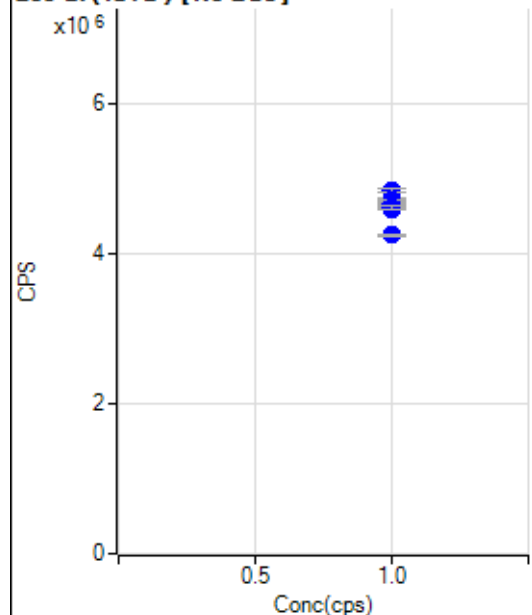
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4838271.00		P	0.8
2	☐	1.000		4964705.48		P	0.5
3	☐	1.000		4953388.05		P	1.0
4	☐	1.000		4937912.22		P	0.5
5	☐	1.000		4746995.73		P	0.5
6	☐	1.000		4708218.75		P	0.6
7	☐	1.000		4846109.30		P	0.2
8	☐	1.000		4749948.33		P	0.5

165 Ho (ISTD) [No Gas]

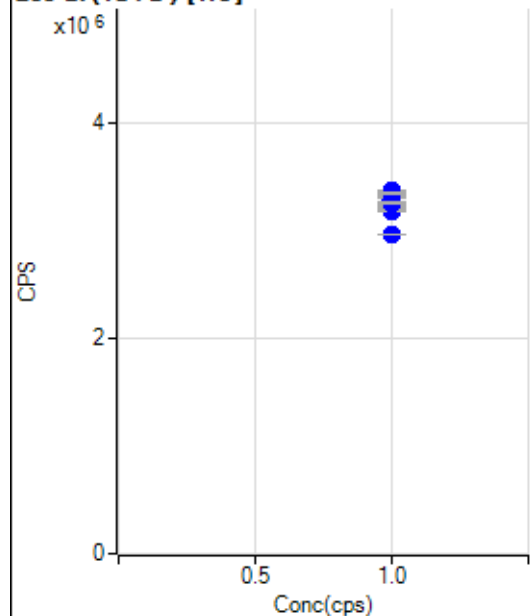
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7913738.28		A	0.8
2	☐	1.000		7875553.77		A	0.9
3	☐	1.000		8034927.24		A	0.7
4	☐	1.000		8191271.20		A	1.7
5	☐	1.000		8087037.38		A	1.7
6	☐	1.000		7840089.88		A	0.6
7	☐	1.000		8008019.18		A	1.4
8	☐	1.000		7764375.93		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4804319.65		P	0.7
2	☐	1.000		4906951.38		P	0.7
3	☐	1.000		4890898.64		P	1.1
4	☐	1.000		4935759.48		P	0.7
5	☐	1.000		4740798.16		P	0.8
6	☐	1.000		4698264.65		P	0.8
7	☐	1.000		4854593.89		P	0.5
8	☐	1.000		4735643.05		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4676275.38		P	0.8
2	☐	1.000		4668020.03		P	1.8
3	☐	1.000		4742500.14		P	0.2
4	☐	1.000		4830436.07		P	1.1
5	☐	1.000		4721729.10		P	0.1
6	☐	1.000		4587705.35		P	0.7
7	☐	1.000		4601311.36		P	1.3
8	☐	1.000		4244789.28		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3281990.86		P	0.9
2	☐	1.000		3365901.41		P	0.3
3	☐	1.000		3342350.02		P	1.3
4	☐	1.000		3345632.80		P	0.7
5	☐	1.000		3223598.49		P	0.4
6	☐	1.000		3183527.80		P	0.4
7	☐	1.000		3253538.95		P	0.8
8	☐	1.000		2960578.71		P	0.2

US EPA Tune Check Sample Report

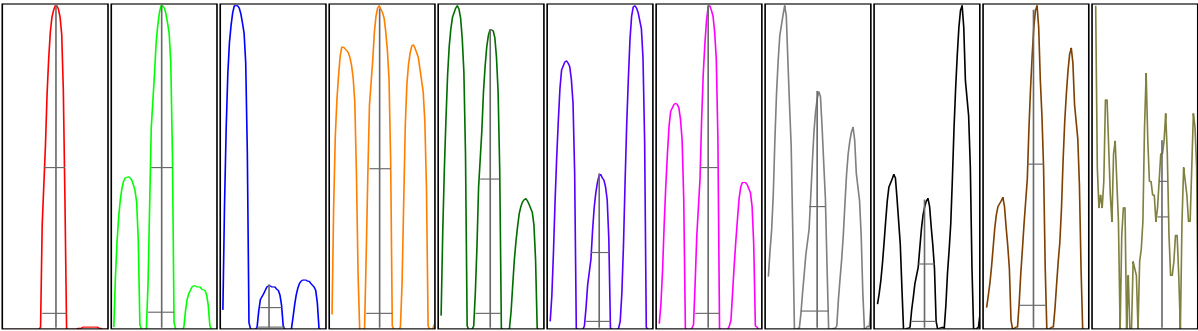
Batch Folder C:\Agilent\ICPMH\1\DATA\P7031121-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6287	0.32	5.00	
24	82981	0.36	5.00	
25	11286	0.27	5.00	
26	12989	0.24	5.00	
59	14029	0.25	5.00	
113	7205	0.48	5.00	
115	21669	0.45	5.00	
206	8918	0.68	5.00	
207	7622	0.50	5.00	
208	18604	0.47	5.00	
220	0	27.22		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6280	6292	6283	6317	6262
24	83366	82884	82779	83225	82652
25	11312	11276	11323	11272	11249
26	12988	12997	12952	13036	12975
59	13999	14002	14018	14083	14044
113	7239	7175	7195	7245	7173
115	21575	21576	21791	21740	21664
206	8959	8822	8968	8945	8896
207	7647	7576	7603	7673	7613
208	18576	18473	18709	18644	18619
220	1	0	0	0	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10918	9.05	8.9 - 9.1		0.737	0.900	
24	136775	23.95	23.9 - 24.1		0.779	0.900	
25	18377	24.90	24.9 - 25.1		0.763	0.900	
26	20848	25.95	25.9 - 26.1		0.785	0.900	
59	24376	59.00	58.9 - 59.1		0.775	0.900	
113	13497	113.00	112.9 - 113.1		0.733	0.900	
115	40512	115.00	114.9 - 115.1		0.732	0.900	
206	18733	206.00	205.9 - 206.1		0.782	0.900	
207	15536	206.95	206.9 - 207.1		0.740	0.900	
208	38491	207.95	207.9 - 208.1		0.783	0.900	
220	1	220.50	-		0.324		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.67	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.3	V	Deflect	14.4	V
Extract 2	-195.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5340	1.38	
89	45282	1.32	
205	8348	1.24	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5306	5256	5333	5348	5455
89	44995	44613	45421	45166	46214
205	8335	8241	8340	8306	8519

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.67	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.7	V	Deflect	2.8	V
Extract 2	-170.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 16:50:45 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.33	0.08	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	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.35	-0.12	0.47	0.00	N/A	ppb
Boron	11-1	-0.34	0.10	0.24	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.88	0.44	-1.33	0.00	N/A	ppb
Cadmium	108-1	-0.52	0.14	0.39	0.00	N/A	ppb
Calcium	43-1	3.34	-1.28	-2.07	0.00	N/A	ppb
Calcium	44-1	0.14	-0.25	0.11	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.12	-0.04	-0.08	0.00	N/A	ppb
Iron	57-2	0.80	-0.35	-0.45	0.00	N/A	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:50:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.36	-0.63	0.27	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	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.16	0.10	-0.26	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.02	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.02	0.00	N/A	ppb
Phosphorus	31-2	-5.15	-6.01	3.42	-2.58		ppb
Potassium	39-2	-2.43	-0.94	3.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.90	-0.28	-0.62	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.36	0.08	0.00	N/A	ppb
Silicon	28-1	0.67	-0.36	-0.31	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	-1.21	1.64	-0.43	0.00	N/A	ppb
Strontium	86-1	0.20	0.00	-0.20	0.00	N/A	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-42.09	-176.05	-107.97	-108.71		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:50:45	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	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.04	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.10	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:56:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.15	19.37	20.09	19.87	2.18	ppb
Antimony	121-1	1.84	1.92	2.01	1.93	4.38	ppb
Arsenic	75-2	1.04	1.18	1.04	1.09	7.54	ppb
Barium	135-1	9.55	10.04	9.92	9.84	2.63	ppb
Barium	137-1	9.28	9.50	10.05	9.61	4.15	ppb
Beryllium	9-1	0.92	1.06	1.02	1.00	7.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	25.63	28.18	30.97	28.26	9.46	ppb
Boron	11-1	26.48	29.55	28.62	28.22	5.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.13	1.04	1.13	1.10	4.31	ppb
Cadmium	106-1	3.13	0.70	1.64	1.82	67.29	ppb
Cadmium	108-1	0.71	1.67	1.29	1.22	39.78	ppb
Calcium	43-1	472.43	514.07	493.51	493.34	4.22	ppb
Calcium	44-1	482.84	514.14	512.18	503.05	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.10	2.12	2.11	0.69	ppb
Cobalt	59-2	1.07	1.07	1.04	1.06	1.82	ppb
Copper	63-2	1.96	1.94	1.90	1.93	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	50.86	50.16	50.32	50.45	0.73	ppb
Iron	57-2	49.84	47.61	48.96	48.80	2.31	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:56:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.69	53.04	50.03	51.92	3.18	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.85	0.91	0.85	6.74	ppb
Lead	207-1	0.81	0.87	0.91	0.87	5.94	ppb
Lead	208-1	0.80	0.86	0.86	0.84	4.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	510.38	508.96	500.85	506.73	1.01	ppb
Manganese	55-2	1.00	0.97	0.92	0.97	4.47	ppb
Molybdenum	94-1	4.42	4.91	4.79	4.70	5.46	ppb
Molybdenum	95-1	4.68	4.66	4.90	4.75	2.86	ppb
Molybdenum	96-1	4.33	4.77	4.59	4.56	4.88	ppb
Molybdenum	97-1	4.65	4.87	4.99	4.84	3.54	ppb
Molybdenum	98-1	4.46	4.74	4.71	4.64	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.14	1.14	1.11	4.86	ppb
Phosphorus	31-2	0.34	9.50	-2.09	2.58	236.83	ppb
Potassium	39-2	496.98	500.02	498.02	498.34	0.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	3.49	6.05	4.43	4.66	27.82	ppb
Selenium	77-2	6.58	6.59	4.03	5.74	25.77	ppb
Selenium	78-2	3.55	4.73	6.39	4.89	29.20	ppb
Silicon	28-1	-6.07	-3.35	-5.14	-4.85		ppb
Silver	107-1	1.03	1.09	1.06	1.06	2.48	ppb
Silver	109-1	1.05	1.04	1.03	1.04	1.01	ppb
Sodium	23-2	515.37	524.93	521.95	520.75	0.94	ppb
Strontium	86-1	1.03	1.36	1.42	1.27	16.78	ppb
Strontium	88-1	0.95	0.94	0.96	0.95	0.99	ppb
Sulfur	34-1	-334.58	369.58	291.12	108.71	354.99	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.89	1.00	0.97	0.95	5.89	ppb
Thallium	205-1	0.84	0.86	0.89	0.86	3.32	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:56:55	DataFile Name :	005CALS.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	5.34	5.31	5.52	5.39	2.17	ppb
Titanium	47-1	5.03	5.10	4.72	4.95	4.04	ppb
Uranium	238-1	0.81	0.79	0.81	0.80	1.55	ppb
Vanadium	51-2	5.27	5.24	5.24	5.25	0.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.45	2.34	1.99	2.26	10.54	ppb
Zirconium	90-1	0.92	0.95	0.99	0.95	3.59	ppb
Zirconium	91-1	1.02	0.94	0.99	0.98	4.31	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:59:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1002.71	983.63	983.54	989.96	1.12	ppb
Antimony	121-1	49.67	49.25	48.02	48.98	1.75	ppb
Arsenic	75-2	52.91	52.30	51.25	52.15	1.60	ppb
Barium	135-1	248.07	246.74	240.08	244.96	1.75	ppb
Barium	137-1	242.85	244.99	239.39	242.41	1.16	ppb
Beryllium	9-1	53.25	53.01	53.18	53.15	0.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	50.59	53.02	59.00	54.20	7.99	ppb
Boron	11-1	50.76	55.13	56.93	54.27	5.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.00	54.55	53.08	53.87	1.38	ppb
Cadmium	106-1	55.16	53.44	52.95	53.85	2.15	ppb
Cadmium	108-1	54.65	54.25	52.45	53.78	2.18	ppb
Calcium	43-1	5092.13	5130.66	5112.77	5111.85	0.38	ppb
Calcium	44-1	5074.03	5192.28	5128.92	5131.74	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.83	51.10	52.07	52.00	1.67	ppb
Cobalt	59-2	53.23	51.99	51.73	52.32	1.53	ppb
Copper	63-2	499.65	489.12	490.62	493.13	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2610.07	2564.62	2609.97	2594.88	1.01	ppb
Iron	57-2	2604.11	2568.58	2530.47	2567.72	1.43	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:59:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2639.09	2593.32	2578.49	2603.64	1.21	ppb
Krypton	83-1						cps
Lead	206-1	216.90	216.57	212.92	215.47	1.02	ppb
Lead	207-1	215.60	217.75	212.99	215.44	1.11	ppb
Lead	208-1	215.00	216.25	212.60	214.62	0.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	5260.25	5185.27	5170.57	5205.36	0.92	ppb
Manganese	55-2	504.62	490.03	498.97	497.88	1.48	ppb
Molybdenum	94-1	240.07	244.46	244.89	243.14	1.10	ppb
Molybdenum	95-1	241.05	245.38	245.56	244.00	1.05	ppb
Molybdenum	96-1	239.98	243.86	247.63	243.82	1.57	ppb
Molybdenum	97-1	243.66	244.83	248.69	245.72	1.07	ppb
Molybdenum	98-1	242.24	248.56	246.77	245.86	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.76	52.98	53.12	53.29	0.79	ppb
Phosphorus	31-2	1095.00	992.87	1014.32	1034.07	5.21	ppb
Potassium	39-2	2614.35	2564.34	2601.28	2593.33	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	53.25	51.21	50.18	51.55	3.03	ppb
Selenium	77-2	54.05	57.96	48.63	53.54	8.75	ppb
Selenium	78-2	51.85	53.51	53.23	52.86	1.68	ppb
Silicon	28-1	32.70	37.75	38.93	36.46	9.07	ppb
Silver	107-1	52.26	53.19	51.46	52.30	1.65	ppb
Silver	109-1	52.30	53.51	52.44	52.75	1.26	ppb
Sodium	23-2	5364.47	5239.68	5278.60	5294.25	1.21	ppb
Strontium	86-1	50.08	51.20	51.15	50.81	1.24	ppb
Strontium	88-1	47.56	48.54	48.95	48.35	1.48	ppb
Sulfur	34-1	1094.59	1523.14	1442.01	1353.24	16.82	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	49.15	49.34	48.54	49.01	0.85	ppb
Thallium	205-1	43.69	43.73	42.94	43.45	1.04	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:59:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	39.68	40.02	39.66	39.79	0.51	ppb
Tin	118-1	52.29	53.04	51.60	52.31	1.38	ppb
Titanium	47-1	250.42	250.55	253.08	251.35	0.60	ppb
Uranium	238-1	39.76	40.69	40.08	40.18	1.18	ppb
Vanadium	51-2	52.03	50.85	51.35	51.41	1.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	528.02	513.12	516.61	519.25	1.50	ppb
Zirconium	90-1	48.18	48.75	49.12	48.68	0.97	ppb
Zirconium	91-1	49.20	49.79	50.56	49.85	1.36	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:03:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2417.73	2420.86	2407.76	2415.45	0.28	ppb
Antimony	121-1	117.23	121.91	120.85	120.00	2.04	ppb
Arsenic	75-2	129.54	126.65	128.67	128.29	1.16	ppb
Barium	135-1	588.83	602.32	600.73	597.29	1.23	ppb
Barium	137-1	583.45	593.42	589.07	588.65	0.85	ppb
Beryllium	9-1	125.94	129.26	130.51	128.57	1.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	120.61	126.72	132.67	126.67	4.76	ppb
Boron	11-1	116.75	129.13	135.22	127.03	7.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	128.66	134.10	131.25	131.34	2.07	ppb
Cadmium	106-1	128.92	132.39	129.64	130.32	1.41	ppb
Cadmium	108-1	126.77	131.10	131.27	129.71	1.97	ppb
Calcium	43-1	12185.92	12679.68	12620.30	12495.30	2.16	ppb
Calcium	44-1	12357.69	12898.72	12765.08	12673.83	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.82	126.81	126.00	126.21	0.42	ppb
Cobalt	59-2	127.71	129.16	128.75	128.54	0.58	ppb
Copper	63-2	1193.07	1203.71	1208.70	1201.83	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	6382.93	6375.83	6375.26	6378.01	0.07	ppb
Iron	57-2	6220.09	6253.23	6243.39	6238.91	0.27	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:03:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6416.34	6442.75	6430.93	6430.01	0.21	ppb
Krypton	83-1						cps
Lead	206-1	523.61	533.14	540.86	532.54	1.62	ppb
Lead	207-1	519.95	526.90	538.84	528.56	1.81	ppb
Lead	208-1	563.79	571.05	582.45	572.43	1.64	ppb
Lithium	6-1				103		%
Magnesium	24-2	12679.91	12758.14	12685.69	12707.91	0.34	ppb
Manganese	55-2	1216.57	1225.35	1223.03	1221.65	0.37	ppb
Molybdenum	94-1	572.96	609.36	600.40	594.24	3.19	ppb
Molybdenum	95-1	579.90	616.57	604.86	600.44	3.12	ppb
Molybdenum	96-1	578.37	611.48	601.12	596.99	2.84	ppb
Molybdenum	97-1	582.39	613.94	607.32	601.22	2.77	ppb
Molybdenum	98-1	578.21	616.04	608.86	601.04	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.02	129.96	129.95	129.64	0.41	ppb
Phosphorus	31-2	2564.63	2494.73	2659.20	2572.85	3.21	ppb
Potassium	39-2	6390.99	6403.97	6355.20	6383.39	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	122.28	126.36	127.60	125.41	2.22	ppb
Selenium	77-2	131.24	133.69	124.92	129.95	3.48	ppb
Selenium	78-2	130.55	129.44	131.33	130.44	0.73	ppb
Silicon	28-1	102.99	116.71	117.96	112.56	7.38	ppb
Silver	107-1	124.81	128.26	126.26	126.45	1.37	ppb
Silver	109-1	124.68	128.42	125.69	126.26	1.53	ppb
Sodium	23-2	12446.10	12623.37	12617.29	12562.25	0.80	ppb
Strontium	86-1	121.30	125.94	123.41	123.55	1.88	ppb
Strontium	88-1	114.81	119.64	119.46	117.97	2.32	ppb
Sulfur	34-1	2270.97	2963.18	2789.59	2674.58	13.47	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	119.20	122.78	122.29	121.42	1.60	ppb
Thallium	205-1	105.96	108.27	108.47	107.56	1.30	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:03:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	98.14	100.78	100.85	99.93	1.54	ppb
Tin	118-1	125.62	130.95	128.08	128.21	2.08	ppb
Titanium	47-1	594.85	623.93	626.55	615.11	2.86	ppb
Uranium	238-1	98.69	101.64	101.85	100.73	1.75	ppb
Vanadium	51-2	126.57	125.93	125.18	125.89	0.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	1272.58	1287.97	1269.74	1276.76	0.77	ppb
Zirconium	90-1	116.78	122.50	120.90	120.06	2.46	ppb
Zirconium	91-1	118.77	126.96	123.28	123.00	3.34	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:06:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4833.83	4832.10	4827.75	4831.22	0.06	ppb
Antimony	121-1	237.04	242.95	243.45	241.15	1.48	ppb
Arsenic	75-2	257.56	255.36	253.60	255.51	0.78	ppb
Barium	135-1	1177.35	1195.97	1205.14	1192.82	1.19	ppb
Barium	137-1	1168.49	1182.03	1192.72	1181.08	1.03	ppb
Beryllium	9-1	254.06	256.94	253.56	254.85	0.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	238.62	253.97	259.22	250.60	4.27	ppb
Boron	11-1	236.65	256.06	260.20	250.97	5.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	257.54	263.04	262.18	260.92	1.13	ppb
Cadmium	106-1	266.20	265.75	264.94	265.63	0.24	ppb
Cadmium	108-1	257.14	263.88	263.18	261.40	1.42	ppb
Calcium	43-1	24853.15	25443.54	25354.61	25217.10	1.26	ppb
Calcium	44-1	24132.69	24504.94	24443.11	24360.25	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.24	256.20	250.78	253.41	1.07	ppb
Cobalt	59-2	255.13	256.12	255.46	255.57	0.20	ppb
Copper	63-2	2589.66	2572.35	2581.06	2581.02	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	12849.16	12814.98	12735.17	12799.77	0.46	ppb
Iron	57-2	12576.08	12697.46	12444.03	12572.53	1.01	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:06:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12908.21	12939.50	12812.30	12886.67	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1071.50	1085.25	1096.54	1084.43	1.16	ppb
Lead	207-1	1065.26	1073.30	1095.44	1078.00	1.45	ppb
Lead	208-1	1139.87	1155.53	1177.88	1157.76	1.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	24960.50	25416.15	25297.01	25224.55	0.94	ppb
Manganese	55-2	2466.51	2455.47	2460.07	2460.68	0.23	ppb
Molybdenum	94-1	1166.24	1224.67	1211.97	1200.96	2.56	ppb
Molybdenum	95-1	1160.39	1217.71	1216.38	1198.16	2.73	ppb
Molybdenum	96-1	1156.50	1212.44	1219.26	1196.06	2.88	ppb
Molybdenum	97-1	1171.32	1222.65	1228.53	1207.50	2.61	ppb
Molybdenum	98-1	1198.34	1262.90	1265.67	1242.31	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.11	258.05	256.52	257.56	0.35	ppb
Phosphorus	31-2	4934.85	5114.38	5082.34	5043.85	1.90	ppb
Potassium	39-2	12624.99	12726.35	12621.77	12657.70	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	240.61	252.66	255.03	249.43	3.10	ppb
Selenium	77-2	239.64	272.56	252.36	254.86	6.51	ppb
Selenium	78-2	261.07	260.88	250.10	257.35	2.44	ppb
Silicon	28-1	235.32	252.87	253.82	247.33	4.21	ppb
Silver	107-1	248.41	251.35	253.46	251.07	1.01	ppb
Silver	109-1	247.46	251.12	249.34	249.31	0.74	ppb
Sodium	23-2	25058.99	25346.03	25192.43	25199.15	0.57	ppb
Strontium	86-1	241.83	248.58	251.48	247.30	2.00	ppb
Strontium	88-1	232.33	240.18	240.30	237.60	1.92	ppb
Sulfur	34-1	5218.31	5647.44	5207.53	5357.76	4.68	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	242.14	243.62	247.85	244.54	1.21	ppb
Thallium	205-1	213.32	220.54	222.71	218.86	2.25	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:06:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	204.28	208.38	208.20	206.96	1.12	ppb
Tin	118-1	254.87	257.68	258.78	257.11	0.78	ppb
Titanium	47-1	1216.12	1247.01	1230.85	1231.33	1.25	ppb
Uranium	238-1	205.75	207.41	209.41	207.52	0.88	ppb
Vanadium	51-2	251.78	254.68	250.26	252.24	0.89	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2565.55	2566.43	2538.11	2556.70	0.63	ppb
Zirconium	90-1	234.65	243.56	242.49	240.24	2.02	ppb
Zirconium	91-1	242.00	249.56	247.35	246.30	1.58	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:09:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9658.35	9652.35	9717.54	9676.08	0.37	ppb
Antimony	121-1	470.67	475.70	477.81	474.73	0.77	ppb
Arsenic	75-2	509.80	508.00	509.21	509.00	0.18	ppb
Barium	135-1	2346.38	2367.16	2351.21	2354.92	0.46	ppb
Barium	137-1	2560.06	2499.33	2537.28	2532.22	1.21	ppb
Beryllium	9-1	502.23	506.24	498.13	502.20	0.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	478.49	495.61	506.49	493.53	2.86	ppb
Boron	11-1	473.76	503.44	509.20	495.47	3.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.73	506.23	507.68	506.55	0.20	ppb
Cadmium	106-1	507.32	513.03	505.17	508.50	0.80	ppb
Cadmium	108-1	517.28	515.21	506.12	512.87	1.16	ppb
Calcium	43-1	49815.45	50562.01	50769.58	50382.34	1.00	ppb
Calcium	44-1	48043.59	49223.43	48783.32	48683.45	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.86	506.23	506.50	507.53	0.40	ppb
Cobalt	59-2	508.83	507.09	508.52	508.15	0.18	ppb
Copper	63-2	5082.67	5059.07	5126.13	5089.29	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	25860.64	25407.67	25831.42	25699.91	0.99	ppb
Iron	57-2	25142.90	24995.47	25326.89	25155.09	0.66	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:09:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26023.29	25824.39	25791.68	25879.79	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2499.17	2496.99	2484.05	2493.40	0.33	ppb
Lead	207-1	2504.42	2491.24	2490.26	2495.30	0.32	ppb
Lead	208-1	2473.74	2488.79	2481.52	2481.35	0.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	50519.91	49839.71	50151.46	50170.36	0.68	ppb
Manganese	55-2	5135.41	5091.91	5102.70	5110.01	0.44	ppb
Molybdenum	94-1	2495.37	2496.66	2486.94	2492.99	0.21	ppb
Molybdenum	95-1	2476.71	2506.26	2506.25	2496.41	0.68	ppb
Molybdenum	96-1	2471.37	2492.62	2495.60	2486.53	0.53	ppb
Molybdenum	97-1	2428.00	2450.38	2436.25	2438.21	0.46	ppb
Molybdenum	98-1	2490.82	2508.34	2460.27	2486.48	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.50	509.23	511.79	511.17	0.34	ppb
Phosphorus	31-2	10040.00	10083.24	10230.70	10117.98	0.99	ppb
Potassium	39-2	24678.27	24569.20	24852.42	24699.96	0.58	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	512.63	508.95	496.30	505.96	1.69	ppb
Selenium	77-2	530.73	500.10	506.41	512.41	3.16	ppb
Selenium	78-2	524.79	510.30	516.63	517.24	1.40	ppb
Silicon	28-1	492.37	522.53	526.93	513.94	3.66	ppb
Silver	107-1	484.68	483.83	482.53	483.68	0.22	ppb
Silver	109-1	486.93	486.76	483.30	485.66	0.42	ppb
Sodium	23-2	50547.74	49886.25	50863.36	50432.45	0.99	ppb
Strontium	86-1	496.39	500.02	497.40	497.94	0.38	ppb
Strontium	88-1	497.38	506.05	494.65	499.36	1.19	ppb
Sulfur	34-1	10822.45	10586.99	10358.51	10589.32	2.19	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	494.64	498.58	489.03	494.08	0.97	ppb
Thallium	205-1	496.04	501.29	498.47	498.60	0.53	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:09:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	482.35	498.03	496.51	492.29	1.76	ppb
Tin	118-1	498.50	503.29	501.37	501.05	0.48	ppb
Titanium	47-1	2459.19	2472.30	2472.24	2467.91	0.31	ppb
Uranium	238-1	487.30	489.20	487.82	488.11	0.20	ppb
Vanadium	51-2	510.31	504.64	504.41	506.46	0.66	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	5084.88	5100.78	5096.01	5093.89	0.16	ppb
Zirconium	90-1	485.47	488.43	484.98	486.29	0.38	ppb
Zirconium	91-1	498.61	504.08	495.14	499.28	0.90	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:12:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19301.02	19030.23	18886.64	19072.63	1.10	ppb
Antimony	121-1	1026.77	1002.07	1017.74	1015.53	1.23	ppb
Arsenic	75-2	1006.39	988.20	986.22	993.60	1.12	ppb
Barium	135-1	5124.11	5044.98	5102.56	5090.55	0.80	ppb
Barium	137-1	5025.35	4981.92	5010.86	5006.04	0.44	ppb
Beryllium	9-1	999.16	997.80	994.30	997.08	0.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	965.04	1008.27	1034.45	1002.59	3.50	ppb
Boron	11-1	968.13	1006.75	1029.55	1001.48	3.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1003.54	978.64	996.85	993.01	1.30	ppb
Cadmium	106-1	1005.53	972.23	995.19	990.98	1.72	ppb
Cadmium	108-1	1005.42	974.25	990.14	989.94	1.57	ppb
Calcium	43-1	101587.44	101520.01	100992.38	101366.61	0.32	ppb
Calcium	44-1	98172.35	98338.77	98288.30	98266.47	0.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1003.37	984.74	997.28	995.13	0.95	ppb
Cobalt	59-2	1000.21	987.59	994.13	993.98	0.63	ppb
Copper	63-2	9985.39	9845.98	9993.03	9941.46	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	50210.70	49930.61	50659.22	50266.84	0.73	ppb
Iron	57-2	49626.07	48646.43	49558.44	49276.98	1.11	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:12:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50980.56	50422.98	51036.15	50813.23	0.67	ppb
Krypton	83-1						cps
Lead	206-1	5120.52	4954.18	5099.22	5057.98	1.79	ppb
Lead	207-1	5126.68	4981.93	5068.77	5059.13	1.44	ppb
Lead	208-1	5096.99	4969.43	5055.76	5040.72	1.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	99783.17	98592.06	97833.81	98736.35	1.00	ppb
Manganese	55-2	9949.39	9913.73	10012.30	9958.48	0.50	ppb
Molybdenum	94-1	5020.21	5002.14	5037.51	5019.95	0.35	ppb
Molybdenum	95-1	5053.71	5020.76	4979.92	5018.13	0.74	ppb
Molybdenum	96-1	5012.79	5046.50	5012.80	5024.03	0.39	ppb
Molybdenum	97-1	5020.33	5067.91	5045.88	5044.71	0.47	ppb
Molybdenum	98-1	5043.28	4977.06	5015.33	5011.89	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.08	984.73	993.53	991.78	0.64	ppb
Phosphorus	31-2	20268.30	19457.70	20031.70	19919.24	2.09	ppb
Potassium	39-2	48208.65	48016.78	48210.31	48145.24	0.23	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	996.93	999.00	995.17	997.03	0.19	ppb
Selenium	77-2	1008.52	973.49	993.33	991.78	1.77	ppb
Selenium	78-2	1004.75	991.20	970.21	988.72	1.76	ppb
Silicon	28-1	973.01	1002.16	1013.05	996.08	2.08	ppb
Silver	107-1	1023.08	984.85	1014.85	1007.60	2.00	ppb
Silver	109-1	1023.91	991.05	1006.18	1007.05	1.63	ppb
Sodium	23-2	100592.85	99002.56	98954.05	99516.49	0.94	ppb
Strontium	86-1	998.67	1005.30	1001.57	1001.85	0.33	ppb
Strontium	88-1	1003.29	1005.19	1004.66	1004.38	0.10	ppb
Sulfur	34-1	19762.41	19635.11	19331.73	19576.42	1.13	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	1015.40	992.33	1006.73	1004.82	1.16	ppb
Thallium	205-1	1020.36	990.94	1021.68	1010.99	1.72	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:12:07	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1015.44	1015.11	1024.23	1018.26	0.51	ppb
Tin	118-1	1006.27	988.50	996.75	997.18	0.89	ppb
Titanium	47-1	5005.16	5045.65	5014.84	5021.88	0.42	ppb
Uranium	238-1	1025.51	1020.40	1014.37	1020.09	0.55	ppb
Vanadium	51-2	1005.96	986.40	995.72	996.03	0.98	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	9971.98	9842.86	9988.87	9934.57	0.80	ppb
Zirconium	90-1	1009.54	1017.85	1002.54	1009.98	0.76	ppb
Zirconium	91-1	1003.74	998.46	1002.43	1001.54	0.27	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:19:38	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101074.48	99464.11	100146.97	100228.52	0.81	ppb
Antimony	121-1	0.55	0.51	0.57	0.54	5.97	ppb
Arsenic	75-2	0.36	0.39	0.38	0.37	3.54	ppb
Barium	135-1	1.75	1.86	1.80	1.80	2.99	ppb
Barium	137-1	1.79	1.68	1.79	1.75	3.75	ppb
Beryllium	9-1	0.12	0.16	0.11	0.13	21.22	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	13.19	13.61	12.94	13.25	2.56	ppb
Boron	11-1	13.38	12.55	12.15	12.69	4.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.36	0.39	0.35	12.80	ppb
Cadmium	106-1	0.62	-0.32	3.17	1.16	156.18	ppb
Cadmium	108-1	1.43	1.33	1.10	1.29	13.31	ppb
Calcium	43-1	499778.56	502848.69	496402.53	499676.59	0.65	ppb
Calcium	44-1	500823.82	501464.45	499225.78	500504.68	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.27	6.47	6.46	6.40	1.80	ppb
Cobalt	59-2	1.47	1.52	1.47	1.49	1.83	ppb
Copper	63-2	4.97	4.83	4.81	4.87	1.78	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				98		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	250093.65	252019.29	247459.56	249857.50	0.92	ppb
Iron	57-2	248841.59	253235.57	248298.05	250125.07	1.08	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:19:38	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	249565.78	250976.95	248630.78	249724.50	0.47	ppb
Krypton	83-1						cps
Lead	206-1	9.15	9.24	9.39	9.26	1.34	ppb
Lead	207-1	9.26	9.36	9.46	9.36	1.09	ppb
Lead	208-1	9.27	9.29	9.31	9.29	0.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	499930.84	498615.28	502105.51	500217.21	0.35	ppb
Manganese	55-2	6.33	6.32	6.25	6.30	0.68	ppb
Molybdenum	94-1	1.54	1.59	1.39	1.51	7.05	ppb
Molybdenum	95-1	1.54	1.52	1.51	1.52	1.15	ppb
Molybdenum	96-1	1.81	1.88	1.79	1.83	2.58	ppb
Molybdenum	97-1	1.42	1.37	1.44	1.41	2.68	ppb
Molybdenum	98-1	1.51	1.42	1.48	1.47	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.39	4.88	4.58	4.62	5.31	ppb
Phosphorus	31-2	22.73	2.89	5.94	10.52	101.57	ppb
Potassium	39-2	251107.38	248835.87	251223.16	250388.81	0.54	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	1.33	-0.04	0.14	0.48	156.83	ppb
Selenium	77-2	1.18	0.79	0.79	0.92	24.86	ppb
Selenium	78-2	-0.11	1.13	0.54	0.52	118.83	ppb
Silicon	28-1	79.62	117.54	136.29	111.15	25.97	ppb
Silver	107-1	0.32	0.29	0.29	0.30	5.90	ppb
Silver	109-1	0.31	0.30	0.29	0.30	2.34	ppb
Sodium	23-2	495283.53	500781.68	504051.73	500038.98	0.89	ppb
Strontium	86-1	5.65	5.98	5.62	5.75	3.44	ppb
Strontium	88-1	5.50	5.54	5.39	5.48	1.36	ppb
Sulfur	34-1	-939.46	-817.55	-855.66	-870.89		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.15	0.14	0.14	5.07	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	8.39	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:19:38	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.06	0.06	0.06	6.08	ppb
Tin	118-1	0.48	0.49	0.57	0.51	10.43	ppb
Titanium	47-1	0.79	0.78	0.86	0.81	5.03	ppb
Uranium	238-1	0.12	0.12	0.10	0.11	11.04	ppb
Vanadium	51-2	0.15	0.14	0.18	0.16	12.86	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	15.10	14.72	14.53	14.78	1.93	ppb
Zirconium	90-1	0.29	0.32	0.30	0.30	5.66	ppb
Zirconium	91-1	0.32	0.28	0.21	0.27	20.38	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:57:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	506.13	496.17	491.33	497.88	1.52	ppb
Antimony	121-1	193.43	196.99	195.37	195.26	0.91	ppb
Arsenic	75-2	213.53	210.78	209.80	211.37	0.92	ppb
Barium	135-1	96.46	100.96	98.89	98.77	2.28	ppb
Barium	137-1	97.65	98.18	98.65	98.16	0.51	ppb
Beryllium	9-1	103.08	105.44	103.26	103.93	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	534.01	554.28	540.40	542.90	1.91	ppb
Boron	11-1	540.53	556.98	553.77	550.43	1.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.70	111.22	109.56	109.16	2.09	ppb
Cadmium	106-1	194.92	190.80	188.76	191.49	1.64	ppb
Cadmium	108-1	175.62	173.25	173.10	173.99	0.81	ppb
Calcium	43-1	2224.95	2191.07	2190.63	2202.22	0.89	ppb
Calcium	44-1	2132.66	2162.82	2167.54	2154.34	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.27	103.63	103.37	103.75	0.45	ppb
Cobalt	59-2	107.48	107.33	105.83	106.88	0.85	ppb
Copper	63-2	102.11	103.22	101.73	102.35	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2025.16	2025.16	2007.56	2019.30	0.50	ppb
Iron	57-2	2023.74	2028.84	2024.16	2025.58	0.14	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:57:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2091.30	2127.95	2098.82	2106.02	0.92	ppb
Krypton	83-1						cps
Lead	206-1	194.51	192.35	197.18	194.68	1.24	ppb
Lead	207-1	179.77	179.76	186.55	182.03	2.15	ppb
Lead	208-1	185.41	185.02	191.49	187.31	1.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	1204.19	1189.19	1175.44	1189.61	1.21	ppb
Manganese	55-2	98.99	99.82	98.85	99.22	0.53	ppb
Molybdenum	94-1	2377.48	2462.45	2431.77	2423.90	1.78	ppb
Molybdenum	95-1	2398.22	2477.97	2456.79	2444.33	1.69	ppb
Molybdenum	96-1	2390.34	2457.22	2432.54	2426.70	1.39	ppb
Molybdenum	97-1	2322.99	2386.82	2377.96	2362.59	1.46	ppb
Molybdenum	98-1	2383.76	2508.75	2457.56	2450.02	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.82	108.77	106.89	107.83	0.87	ppb
Phosphorus	31-2	21.78	11.60	-5.74	9.21	151.09	ppb
Potassium	39-2	1987.89	2003.13	1993.02	1994.68	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	200.83	208.64	209.45	206.31	2.31	ppb
Selenium	77-2	215.64	210.39	217.71	214.58	1.76	ppb
Selenium	78-2	211.25	214.05	213.60	212.97	0.71	ppb
Silicon	28-1	398.35	426.05	435.25	419.88	4.57	ppb
Silver	107-1	49.98	51.23	50.89	50.70	1.28	ppb
Silver	109-1	49.16	50.84	50.76	50.25	1.89	ppb
Sodium	23-2	2100.99	2102.96	2084.12	2096.02	0.49	ppb
Strontium	86-1	458.71	475.64	473.96	469.44	1.99	ppb
Strontium	88-1	463.56	474.53	481.10	473.06	1.87	ppb
Sulfur	34-1	-1620.94	-1484.66	-1697.71	-1601.10		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	223.22	226.92	229.73	226.62	1.44	ppb
Thallium	205-1	199.55	200.10	203.93	201.20	1.19	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:57:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	454.40	463.67	459.90	459.32	1.01	ppb
Tin	118-1	482.21	491.41	486.06	486.56	0.95	ppb
Titanium	47-1	2537.02	2605.68	2583.87	2575.53	1.36	ppb
Uranium	238-1	451.61	462.02	469.34	460.99	1.93	ppb
Vanadium	51-2	102.07	102.25	101.46	101.93	0.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	208.37	207.61	206.91	207.63	0.35	ppb
Zirconium	90-1	467.76	499.15	478.17	481.69	3.32	ppb
Zirconium	91-1	473.67	487.72	486.95	482.78	1.64	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:12:23	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.74	19.23	19.61	19.53	1.35	ppb
Antimony	121-1	1.99	1.97	2.03	2.00	1.34	ppb
Arsenic	75-2	1.04	0.93	1.01	0.99	5.97	ppb
Barium	135-1	9.20	9.69	9.63	9.51	2.80	ppb
Barium	137-1	9.22	9.88	9.79	9.63	3.68	ppb
Beryllium	9-1	0.90	1.02	0.97	0.96	6.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	21.45	28.66	29.42	26.51	16.59	ppb
Boron	11-1	24.80	26.93	28.69	26.81	7.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.16	0.96	1.17	1.10	11.09	ppb
Cadmium	106-1	0.97	-1.70	0.04	-0.23		ppb
Cadmium	108-1	0.58	1.32	1.07	0.99	37.66	ppb
Calcium	43-1	500.76	530.68	477.37	502.94	5.31	ppb
Calcium	44-1	494.67	505.47	508.32	502.82	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.12	2.05	2.11	2.43	ppb
Cobalt	59-2	1.10	1.02	1.09	1.07	3.96	ppb
Copper	63-2	2.01	1.78	1.88	1.89	6.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	51.12	50.99	50.64	50.92	0.49	ppb
Iron	57-2	51.63	47.94	52.92	50.83	5.09	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:12:23	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.24	53.55	54.15	52.98	2.90	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.85	0.91	0.88	3.63	ppb
Lead	207-1	0.91	0.87	0.93	0.90	3.25	ppb
Lead	208-1	0.89	0.86	0.90	0.89	2.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	505.86	502.03	493.19	500.36	1.30	ppb
Manganese	55-2	0.99	0.95	0.98	0.97	2.52	ppb
Molybdenum	94-1	4.57	4.79	4.85	4.74	3.17	ppb
Molybdenum	95-1	4.90	4.70	4.77	4.79	2.11	ppb
Molybdenum	96-1	4.60	4.86	4.81	4.76	2.83	ppb
Molybdenum	97-1	4.46	4.82	4.60	4.63	3.89	ppb
Molybdenum	98-1	4.78	4.69	4.78	4.75	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.13	1.02	1.09	5.76	ppb
Phosphorus	31-2	-15.01	17.75	-29.90	-9.06		ppb
Potassium	39-2	508.58	501.33	507.51	505.81	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	6.17	6.90	3.79	5.62	28.92	ppb
Selenium	77-2	4.59	5.69	5.32	5.20	10.79	ppb
Selenium	78-2	4.99	6.05	5.19	5.41	10.42	ppb
Silicon	28-1	-8.17	-7.94	7.00	-3.04		ppb
Silver	107-1	0.98	0.95	0.92	0.95	3.38	ppb
Silver	109-1	0.96	0.96	1.02	0.98	3.82	ppb
Sodium	23-2	544.93	539.32	538.94	541.06	0.62	ppb
Strontium	86-1	1.02	1.31	1.47	1.27	17.95	ppb
Strontium	88-1	0.96	0.99	0.96	0.97	1.99	ppb
Sulfur	34-1	-1592.40	-1582.89	-1002.83	-1392.71		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.95	0.97	0.90	0.94	3.77	ppb
Thallium	205-1	0.80	0.82	0.84	0.82	2.91	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:12:23	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	8.91	ppb
Tin	118-1	4.99	5.40	5.44	5.28	4.72	ppb
Titanium	47-1	4.95	5.17	5.41	5.18	4.52	ppb
Uranium	238-1	0.75	0.79	0.79	0.78	2.52	ppb
Vanadium	51-2	5.30	4.93	5.22	5.15	3.79	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.41	2.43	2.04	2.30	9.67	ppb
Zirconium	90-1	0.97	0.99	0.97	0.97	1.32	ppb
Zirconium	91-1	1.01	0.99	0.95	0.98	2.86	ppb

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:18:25 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.85	-0.59	-1.14	-0.86		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	125.06	ppb
Arsenic	75-2	-0.02	0.00	0.05	0.01	397.06	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.01	0.01	0.00	405.95	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	1.83	2.79	1.97	2.20	23.53	ppb
Boron	11-1	2.02	1.83	1.56	1.80	12.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.37	-0.11	-2.33	-0.94		ppb
Cadmium	108-1	-0.27	-0.14	-0.14	-0.18		ppb
Calcium	43-1	1.14	-3.67	-0.63	-1.05		ppb
Calcium	44-1	1.01	2.62	1.75	1.79	45.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.01	0.01	63.84	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.06	-0.13	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	-0.54	-0.60	-0.31	-0.49		ppb
Iron	57-2	-0.93	-0.84	-1.26	-1.01		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:18:25	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.48	0.27	1.56	0.77	89.99	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	25.12	ppb
Lead	207-1	0.03	0.05	0.05	0.04	31.78	ppb
Lead	208-1	0.03	0.04	0.04	0.04	11.94	ppb
Lithium	6-1				94		%
Magnesium	24-2	-0.37	-0.60	-0.87	-0.61		ppb
Manganese	55-2	-0.03	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.00	0.01	-0.02	0.00		ppb
Molybdenum	95-1	0.01	0.02	-0.01	0.01	264.13	ppb
Molybdenum	96-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	35.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	14.48	9.99	-13.47	3.67	409.17	ppb
Potassium	39-2	3.43	7.26	11.48	7.39	54.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-1.28	2.03	-0.64	0.04	4744.61	ppb
Selenium	77-2	0.00	0.00	0.38	0.13	173.21	ppb
Selenium	78-2	-0.43	0.72	-0.35	-0.02		ppb
Silicon	28-1	-8.92	-8.31	-7.65	-8.30		ppb
Silver	107-1	0.00	0.00	0.00	0.00	170.55	ppb
Silver	109-1	0.01	0.00	0.00	0.00	102.90	ppb
Sodium	23-2	19.61	18.89	18.46	18.99	3.06	ppb
Strontium	86-1	0.36	0.35	0.08	0.26	59.12	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-813.17	-455.30	-137.19	-468.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.06	-0.07	-0.06		ppb
Thallium	205-1	-0.04	-0.05	-0.06	-0.05		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:18:25	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	1598.45	ppb
Tin	118-1	-0.03	-0.01	0.04	0.00		ppb
Titanium	47-1	-0.03	0.00	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	55.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.58	0.52	0.49	0.53	8.46	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	71.30	ppb
Zirconium	91-1	-0.01	-0.02	0.02	0.00		ppb

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:21:41 DataFile Name : 018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94092.52	93463.66	92759.55	93438.58	0.71	ppb
Antimony	121-1	1.03	1.09	1.09	1.07	3.23	ppb
Arsenic	75-2	0.31	0.36	0.38	0.35	10.84	ppb
Barium	135-1	1.32	1.50	1.16	1.33	12.72	ppb
Barium	137-1	1.21	1.38	1.33	1.31	6.75	ppb
Beryllium	9-1	0.36	0.37	0.23	0.32	23.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.99	2.90	2.58	2.49	18.57	ppb
Boron	11-1	2.41	2.31	2.28	2.33	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.84	0.63	0.65	0.70	16.30	ppb
Cadmium	106-1	0.54	-2.29	-2.80	-1.51		ppb
Cadmium	108-1	15.74	16.00	16.54	16.09	2.52	ppb
Calcium	43-1	99665.82	100135.60	99598.52	99799.98	0.29	ppb
Calcium	44-1	96044.10	97134.54	97147.92	96775.52	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.31	20.12	19.81	20.08	1.25	ppb
Cobalt	59-2	1.14	1.18	1.20	1.17	2.53	ppb
Copper	63-2	7.57	7.43	7.55	7.52	1.05	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				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	101758.32	101327.21	100535.43	101206.99	0.61	ppb
Iron	57-2	102203.11	100819.03	100578.67	101200.27	0.87	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:21:41	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100821.56	100302.83	98955.01	100026.47	0.96	ppb
Krypton	83-1						cps
Lead	206-1	4.43	4.35	4.32	4.36	1.33	ppb
Lead	207-1	3.94	3.84	3.74	3.84	2.57	ppb
Lead	208-1	4.12	4.03	3.98	4.04	1.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	94990.37	94021.41	93154.24	94055.34	0.98	ppb
Manganese	55-2	7.40	7.55	7.17	7.37	2.56	ppb
Molybdenum	94-1	1260.56	1269.33	1262.93	1264.27	0.36	ppb
Molybdenum	95-1	1855.14	1854.47	1854.69	1854.77	0.02	ppb
Molybdenum	96-1	1784.02	1800.90	1782.77	1789.23	0.57	ppb
Molybdenum	97-1	1793.67	1820.19	1804.50	1806.12	0.74	ppb
Molybdenum	98-1	1842.49	1877.05	1856.97	1858.84	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.45	5.51	5.61	5.52	1.49	ppb
Phosphorus	31-2	99379.29	99244.42	98577.41	99067.04	0.43	ppb
Potassium	39-2	96663.90	96700.45	96216.55	96526.97	0.28	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-1.64	-0.85	-1.46	-1.32		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-1.67	-0.87	-1.03		ppb
Silicon	28-1	13.87	11.72	12.81	12.80	8.40	ppb
Silver	107-1	0.03	0.04	0.02	0.03	30.07	ppb
Silver	109-1	0.03	0.04	0.03	0.03	20.56	ppb
Sodium	23-2	100547.25	99505.99	98195.61	99416.28	1.19	ppb
Strontium	86-1	34.96	34.76	33.50	34.40	2.30	ppb
Strontium	88-1	32.80	33.07	32.66	32.85	0.63	ppb
Sulfur	34-1	100508.62	99571.39	98944.71	99674.90	0.79	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.04	0.03	43.73	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	34.66	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:21:41	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.01	0.01	31.68	ppb
Tin	118-1	0.11	0.23	0.14	0.16	36.89	ppb
Titanium	47-1	2009.11	2020.50	2009.76	2013.13	0.32	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	22.98	ppb
Vanadium	51-2	0.14	0.16	0.16	0.15	7.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	12.28	12.11	12.59	12.33	1.98	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	23.01	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	16.78	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:24:44	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91606.23	92117.71	91394.62	91706.19	0.41	ppb
Antimony	121-1	19.85	19.78	19.50	19.71	0.94	ppb
Arsenic	75-2	20.54	21.24	20.92	20.90	1.67	ppb
Barium	135-1	20.52	20.20	20.23	20.32	0.86	ppb
Barium	137-1	20.17	20.23	19.81	20.07	1.14	ppb
Beryllium	9-1	20.60	20.25	20.39	20.41	0.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	60.66	61.87	61.87	61.47	1.13	ppb
Boron	11-1	61.64	61.82	61.09	61.52	0.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.65	20.67	20.22	20.51	1.25	ppb
Cadmium	106-1	25.47	25.50	24.65	25.20	1.91	ppb
Cadmium	108-1	39.33	38.77	37.97	38.69	1.77	ppb
Calcium	43-1	98974.72	99415.91	98724.45	99038.36	0.35	ppb
Calcium	44-1	96888.41	95644.95	96509.99	96347.79	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.27	39.97	39.30	39.85	1.25	ppb
Cobalt	59-2	21.54	21.41	21.13	21.36	0.97	ppb
Copper	63-2	26.74	26.96	26.51	26.74	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	100673.62	99296.71	98651.62	99540.65	1.04	ppb
Iron	57-2	100330.99	98139.91	99303.06	99257.99	1.10	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:24:44	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99762.02	98721.40	98340.66	98941.36	0.74	ppb
Krypton	83-1						cps
Lead	206-1	21.73	21.47	21.86	21.69	0.91	ppb
Lead	207-1	20.21	20.43	20.16	20.26	0.71	ppb
Lead	208-1	20.67	20.78	20.66	20.70	0.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	94255.71	92716.93	93526.93	93499.85	0.82	ppb
Manganese	55-2	26.08	26.11	25.90	26.03	0.44	ppb
Molybdenum	94-1	1343.09	1367.61	1345.53	1352.08	1.00	ppb
Molybdenum	95-1	1893.30	1904.90	1867.52	1888.57	1.01	ppb
Molybdenum	96-1	1818.94	1835.64	1841.64	1832.08	0.64	ppb
Molybdenum	97-1	1823.92	1848.27	1831.81	1834.67	0.68	ppb
Molybdenum	98-1	1873.39	1907.52	1904.10	1895.00	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.79	25.41	25.33	25.51	0.96	ppb
Phosphorus	31-2	98051.78	97714.50	96896.91	97554.40	0.61	ppb
Potassium	39-2	96300.39	95722.53	94290.08	95437.67	1.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	19.73	18.92	18.87	19.17	2.51	ppb
Selenium	77-2	25.20	17.16	17.13	19.83	23.47	ppb
Selenium	78-2	19.74	20.86	17.67	19.42	8.31	ppb
Silicon	28-1	67.83	69.19	68.37	68.46	1.00	ppb
Silver	107-1	18.57	18.25	18.51	18.45	0.92	ppb
Silver	109-1	18.74	18.39	18.64	18.59	0.96	ppb
Sodium	23-2	98788.40	98592.73	98255.20	98545.44	0.27	ppb
Strontium	86-1	82.87	84.91	83.31	83.69	1.28	ppb
Strontium	88-1	79.99	80.96	80.01	80.32	0.69	ppb
Sulfur	34-1	97818.41	98220.05	98534.93	98191.13	0.37	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	19.73	19.76	20.53	20.01	2.26	ppb
Thallium	205-1	17.86	17.78	17.65	17.76	0.59	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:24:44	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	10.49	10.39	10.29	10.39	0.99	ppb
Tin	118-1	50.78	50.32	49.99	50.37	0.79	ppb
Titanium	47-1	2029.09	2039.54	2034.35	2034.32	0.26	ppb
Uranium	238-1	42.42	42.63	42.58	42.54	0.26	ppb
Vanadium	51-2	19.85	19.71	19.88	19.82	0.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	32.33	31.14	31.74	31.74	1.88	ppb
Zirconium	90-1	47.38	47.98	47.40	47.59	0.72	ppb
Zirconium	91-1	48.09	49.86	48.91	48.96	1.81	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47868.40	47835.20	47534.35	47745.99	0.39	ppb
Antimony	121-1	471.42	474.77	470.79	472.32	0.45	ppb
Arsenic	75-2	506.51	509.49	500.77	505.59	0.88	ppb
Barium	135-1	2366.29	2373.19	2386.18	2375.22	0.43	ppb
Barium	137-1	2557.58	2568.32	2546.43	2557.45	0.43	ppb
Beryllium	9-1	496.32	495.79	499.08	497.06	0.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	479.36	510.20	521.50	503.69	4.33	ppb
Boron	11-1	496.05	516.17	531.25	514.49	3.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	495.19	494.57	496.47	495.41	0.20	ppb
Cadmium	106-1	495.61	487.74	497.42	493.59	1.04	ppb
Cadmium	108-1	494.57	498.59	497.21	496.79	0.41	ppb
Calcium	43-1	248652.08	247850.33	249839.23	248780.54	0.40	ppb
Calcium	44-1	246212.29	246527.02	245427.54	246055.62	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.50	501.98	494.36	499.61	0.91	ppb
Cobalt	59-2	493.90	493.99	484.29	490.73	1.14	ppb
Copper	63-2	4856.00	4838.63	4754.67	4816.43	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	125720.22	124352.45	124818.26	124963.64	0.56	ppb
Iron	57-2	125911.74	125432.11	122116.62	124486.82	1.66	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123110.42	124070.68	123803.33	123661.47	0.40	ppb
Krypton	83-1						cps
Lead	206-1	2592.59	2559.70	2562.62	2571.64	0.71	ppb
Lead	207-1	2588.65	2560.98	2573.25	2574.29	0.54	ppb
Lead	208-1	2560.61	2544.30	2563.04	2555.98	0.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	249880.21	247699.27	244622.75	247400.74	1.07	ppb
Manganese	55-2	5020.37	4958.79	4954.11	4977.76	0.74	ppb
Molybdenum	94-1	2449.02	2444.41	2493.54	2462.33	1.10	ppb
Molybdenum	95-1	2447.51	2497.27	2527.26	2490.68	1.62	ppb
Molybdenum	96-1	2424.11	2495.39	2506.78	2475.43	1.81	ppb
Molybdenum	97-1	2393.11	2417.42	2434.47	2415.00	0.86	ppb
Molybdenum	98-1	2462.53	2515.27	2514.04	2497.28	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.22	485.21	481.17	486.20	1.15	ppb
Phosphorus	31-2	10071.36	9727.40	10038.95	9945.90	1.91	ppb
Potassium	39-2	121335.25	122577.40	121552.59	121821.75	0.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	489.01	488.07	501.14	492.74	1.48	ppb
Selenium	77-2	509.29	494.69	504.50	502.83	1.48	ppb
Selenium	78-2	513.48	497.81	510.54	507.28	1.64	ppb
Silicon	28-1	565.34	587.89	607.02	586.75	3.56	ppb
Silver	107-1	503.88	504.67	503.21	503.92	0.15	ppb
Silver	109-1	508.01	506.13	505.46	506.53	0.26	ppb
Sodium	23-2	246058.09	247879.29	245497.75	246478.38	0.51	ppb
Strontium	86-1	475.63	476.30	479.83	477.25	0.47	ppb
Strontium	88-1	479.23	487.43	484.10	483.59	0.85	ppb
Sulfur	34-1	9247.03	9077.12	8823.51	9049.22	2.36	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	510.37	506.74	505.67	507.59	0.48	ppb
Thallium	205-1	513.53	522.30	516.46	517.43	0.86	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	507.31	506.35	511.05	508.24	0.49	ppb
Tin	118-1	493.85	491.57	490.10	491.84	0.38	ppb
Titanium	47-1	2490.89	2502.11	2492.44	2495.15	0.24	ppb
Uranium	238-1	492.86	490.90	489.31	491.02	0.36	ppb
Vanadium	51-2	507.00	506.37	494.70	502.69	1.38	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	4820.78	4807.67	4731.29	4786.58	1.01	ppb
Zirconium	90-1	473.89	476.02	478.23	476.05	0.46	ppb
Zirconium	91-1	480.22	488.39	488.56	485.72	0.98	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:41:58	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.08	-0.06	-0.01		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	30.52	ppb
Arsenic	75-2	0.02	0.02	0.00	0.02	65.36	ppb
Barium	135-1	0.02	0.02	0.06	0.03	76.05	ppb
Barium	137-1	0.02	0.01	0.01	0.01	49.53	ppb
Beryllium	9-1	0.06	0.04	0.02	0.04	58.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	7.32	6.11	6.67	6.70	9.06	ppb
Boron	11-1	7.36	7.29	7.25	7.30	0.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.08	0.00	-0.03		ppb
Cadmium	106-1	-0.83	-2.56	-2.48	-1.96		ppb
Cadmium	108-1	-0.34	0.17	-0.42	-0.20		ppb
Calcium	43-1	-1.95	-2.32	-0.15	-1.47		ppb
Calcium	44-1	-0.22	0.44	1.84	0.69	153.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.06	-0.01	-0.03		ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.01		ppb
Copper	63-2	0.00	-0.03	-0.07	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.29	0.42	0.07	0.26	66.81	ppb
Iron	57-2	-0.67	-1.12	-0.41	-0.73		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:41:58	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.14	0.01	-1.26	-0.04		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.09	0.09	16.13	ppb
Lead	207-1	0.08	0.07	0.13	0.10	33.68	ppb
Lead	208-1	0.09	0.08	0.10	0.09	9.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.40	0.76	0.79	0.98	36.94	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00		ppb
Molybdenum	94-1	0.05	0.04	0.06	0.05	15.64	ppb
Molybdenum	95-1	0.03	0.05	0.06	0.05	31.39	ppb
Molybdenum	96-1	0.02	0.00	0.05	0.02	96.25	ppb
Molybdenum	97-1	0.04	-0.02	0.02	0.01	283.83	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	34.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	12.90	-1.96	-1.73	3.07	277.40	ppb
Potassium	39-2	19.27	13.08	5.72	12.69	53.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.00	-1.89	-1.20	-1.03		ppb
Selenium	77-2	0.40	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-0.01	-0.54	-1.10	-0.55		ppb
Silicon	28-1	-22.17	-21.58	-22.46	-22.07		ppb
Silver	107-1	0.01	0.01	0.00	0.00	43.32	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.19	ppb
Sodium	23-2	47.14	43.63	41.51	44.09	6.46	ppb
Strontium	86-1	0.01	0.05	0.20	0.09	113.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1026.17	ppb
Sulfur	34-1	-1757.08	-1702.10	-1618.35	-1692.51		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:41:58	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	9.93	ppb
Tin	118-1	-0.01	-0.02	-0.05	-0.03		ppb
Titanium	47-1	-0.05	-0.03	0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	71.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	0.21	0.21	0.22	0.21	3.78	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	33.79	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	60.81	ppb

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:54:33 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.86	18.42	19.89	18.39	8.23	ppb
Antimony	121-1	1.78	1.87	1.92	1.86	3.76	ppb
Arsenic	75-2	0.93	0.95	1.00	0.96	3.77	ppb
Barium	135-1	8.98	9.05	8.97	9.00	0.51	ppb
Barium	137-1	9.49	9.62	8.97	9.36	3.64	ppb
Beryllium	9-1	0.98	0.97	0.97	0.97	0.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	24.44	27.12	28.50	26.69	7.74	ppb
Boron	11-1	28.22	27.90	29.84	28.66	3.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.10	0.95	1.04	7.57	ppb
Cadmium	106-1	-0.08	-1.08	-1.23	-0.79		ppb
Cadmium	108-1	1.08	0.66	0.81	0.85	25.35	ppb
Calcium	43-1	488.47	536.67	491.49	505.55	5.34	ppb
Calcium	44-1	488.76	499.02	499.22	495.66	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.97	1.97	1.99	1.34	ppb
Cobalt	59-2	0.99	0.92	0.99	0.97	3.91	ppb
Copper	63-2	1.77	1.85	1.86	1.82	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	50.21	48.24	49.98	49.48	2.18	ppb
Iron	57-2	46.12	49.27	49.25	48.21	3.76	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:54:33	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49.28	47.94	51.98	49.73	4.14	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.89	0.89	0.87	2.93	ppb
Lead	207-1	0.87	0.90	0.89	0.89	1.94	ppb
Lead	208-1	0.88	0.90	0.91	0.89	1.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	486.25	480.15	492.72	486.37	1.29	ppb
Manganese	55-2	0.91	0.88	1.06	0.95	9.90	ppb
Molybdenum	94-1	4.32	4.48	4.40	4.40	1.81	ppb
Molybdenum	95-1	4.61	4.65	4.35	4.54	3.50	ppb
Molybdenum	96-1	4.63	4.61	4.36	4.53	3.35	ppb
Molybdenum	97-1	4.47	4.68	4.47	4.54	2.62	ppb
Molybdenum	98-1	4.63	4.44	4.67	4.58	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.99	1.04	1.02	2.45	ppb
Phosphorus	31-2	-12.01	-1.53	-3.16	-5.57		ppb
Potassium	39-2	486.40	483.56	493.04	487.67	1.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	6.35	3.50	6.13	5.32	29.79	ppb
Selenium	77-2	5.74	4.62	5.81	5.39	12.40	ppb
Selenium	78-2	4.31	5.01	4.10	4.47	10.66	ppb
Silicon	28-1	-9.47	-10.65	-10.30	-10.14		ppb
Silver	107-1	0.91	0.96	1.03	0.97	6.07	ppb
Silver	109-1	0.93	0.97	0.95	0.95	2.18	ppb
Sodium	23-2	532.21	526.17	537.81	532.06	1.09	ppb
Strontium	86-1	1.24	1.23	1.11	1.20	6.20	ppb
Strontium	88-1	0.93	0.92	0.89	0.91	2.27	ppb
Sulfur	34-1	-654.30	-736.52	-735.69	-708.84		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.84	0.87	0.95	0.89	6.32	ppb
Thallium	205-1	0.81	0.79	0.79	0.80	1.78	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:54:33	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	1703.38	ppb
Tin	118-1	5.08	4.82	4.96	4.95	2.55	ppb
Titanium	47-1	4.93	5.02	4.40	4.78	7.04	ppb
Uranium	238-1	0.78	0.78	0.78	0.78	0.39	ppb
Vanadium	51-2	5.00	4.81	5.06	4.96	2.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.28	2.18	2.50	2.32	7.08	ppb
Zirconium	90-1	0.93	0.93	0.90	0.92	1.90	ppb
Zirconium	91-1	0.92	0.94	0.92	0.92	1.11	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	759.94	774.36	759.54	764.62	1.10	ppb
Antimony	121-1	594.99	612.46	604.38	603.94	1.45	ppb
Arsenic	75-2	99.52	97.03	99.10	98.55	1.35	ppb
Barium	135-1	1096.22	1127.59	1115.98	1113.27	1.42	ppb
Barium	137-1	1091.04	1109.98	1104.12	1101.71	0.88	ppb
Beryllium	9-1	226.06	229.89	227.20	227.72	0.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	1722.68	1851.72	1881.42	1818.61	4.64	ppb
Boron	11-1	1764.55	1881.35	1925.76	1857.22	4.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	658.67	674.30	665.43	666.13	1.18	ppb
Cadmium	106-1	513.91	519.12	520.47	517.84	0.67	ppb
Cadmium	108-1	555.73	571.47	560.64	562.61	1.43	ppb
Calcium	43-1	171.85	165.94	179.55	172.45	3.96	ppb
Calcium	44-1	106.49	107.39	107.37	107.08	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	588.26	580.27	585.85	584.79	0.70	ppb
Cobalt	59-2	727.30	719.95	720.07	722.44	0.58	ppb
Copper	63-2	275.96	275.17	275.44	275.52	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	331.28	329.84	329.53	330.21	0.28	ppb
Iron	57-2	330.83	331.16	322.08	328.02	1.57	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	715.66	717.70	720.45	717.94	0.33	ppb
Krypton	83-1						cps
Lead	206-1	523.86	529.20	522.80	525.29	0.65	ppb
Lead	207-1	506.59	511.33	505.14	507.69	0.64	ppb
Lead	208-1	513.67	517.18	514.40	515.09	0.36	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.24	-0.63	-0.66	-0.51		ppb
Manganese	55-2	588.21	585.66	590.78	588.21	0.44	ppb
Molybdenum	94-1	343.94	348.54	344.88	345.78	0.70	ppb
Molybdenum	95-1	488.40	497.97	489.79	492.05	1.05	ppb
Molybdenum	96-1	472.82	479.92	472.83	475.19	0.86	ppb
Molybdenum	97-1	490.39	502.12	499.77	497.43	1.25	ppb
Molybdenum	98-1	492.22	502.13	497.17	497.17	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1291.10	1283.37	1271.40	1281.96	0.77	ppb
Phosphorus	31-2	-11.47	-14.62	-26.05	-17.38		ppb
Potassium	39-2	12.27	8.14	8.29	9.57	24.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	638.08	643.48	644.05	641.87	0.51	ppb
Selenium	77-2	652.28	679.21	632.46	654.65	3.58	ppb
Selenium	78-2	649.51	648.85	653.56	650.64	0.39	ppb
Silicon	28-1	62.18	64.46	60.89	62.51	2.89	ppb
Silver	107-1	736.65	753.68	740.26	743.53	1.21	ppb
Silver	109-1	737.68	751.66	743.09	744.15	0.95	ppb
Sodium	23-2	58.04	58.39	59.60	58.67	1.40	ppb
Strontium	86-1	335.39	342.33	335.73	337.82	1.16	ppb
Strontium	88-1	349.66	350.81	344.57	348.34	0.95	ppb
Sulfur	34-1	-1455.43	-1529.79	-1828.24	-1604.49		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	697.16	706.46	704.33	702.65	0.69	ppb
Thallium	205-1	714.19	719.63	705.46	713.09	1.00	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.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	20.57	ppb
Titanium	47-1	0.12	0.06	0.13	0.10	38.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	993.45	991.61	987.12	990.73	0.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	465.72	462.04	460.63	462.80	0.57	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	5.54	ppb
Zirconium	91-1	0.15	0.13	0.10	0.12	18.60	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.19	50.21	47.45	49.28	3.23	ppb
Antimony	121-1	0.21	0.18	0.16	0.19	14.47	ppb
Arsenic	75-2	0.00	0.04	0.01	0.02	170.19	ppb
Barium	135-1	0.22	0.26	0.24	0.24	7.89	ppb
Barium	137-1	0.19	0.17	0.19	0.18	6.76	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	43.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	251.86	256.53	263.86	257.42	2.35	ppb
Boron	11-1	253.56	258.28	256.91	256.25	0.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.10	0.05	0.08	38.54	ppb
Cadmium	106-1	-2.44	-1.73	-1.83	-2.00		ppb
Cadmium	108-1	-0.24	-0.27	0.26	-0.08		ppb
Calcium	43-1	20.59	15.81	15.22	17.21	17.14	ppb
Calcium	44-1	27.00	29.47	29.87	28.78	5.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.08	0.12	0.10	22.40	ppb
Cobalt	59-2	0.13	0.12	0.12	0.13	5.56	ppb
Copper	63-2	-0.01	-0.02	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	0.14	0.15	0.06	0.12	41.51	ppb
Iron	57-2	-0.11	0.34	-0.20	0.01	2298.53	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.40	-0.80	0.60	-0.20		ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.34	0.39	0.36	6.95	ppb
Lead	207-1	0.35	0.38	0.39	0.37	5.12	ppb
Lead	208-1	0.32	0.38	0.39	0.36	9.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.18	0.32	0.10	0.08	304.46	ppb
Manganese	55-2	0.07	0.08	0.07	0.07	4.46	ppb
Molybdenum	94-1	2.34	2.01	2.10	2.15	7.91	ppb
Molybdenum	95-1	0.12	0.17	0.15	0.15	18.12	ppb
Molybdenum	96-1	0.40	0.37	0.32	0.36	11.12	ppb
Molybdenum	97-1	0.16	0.09	0.11	0.12	28.81	ppb
Molybdenum	98-1	0.18	0.11	0.12	0.14	29.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.55	0.59	0.55	7.96	ppb
Phosphorus	31-2	-10.32	-26.34	-9.11	-15.25		ppb
Potassium	39-2	15.17	12.18	14.18	13.84	11.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.13	-0.21	-1.09	-0.47		ppb
Selenium	77-2	0.00	0.39	0.00	0.13	173.21	ppb
Selenium	78-2	-1.45	0.15	0.45	-0.28		ppb
Silicon	28-1	1297.17	1293.58	1264.62	1285.13	1.39	ppb
Silver	107-1	0.18	0.13	0.13	0.15	19.55	ppb
Silver	109-1	0.18	0.15	0.13	0.16	17.78	ppb
Sodium	23-2	196.09	193.23	195.48	194.93	0.77	ppb
Strontium	86-1	0.51	0.11	0.22	0.28	73.42	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	20.84	ppb
Sulfur	34-1	-2399.30	-2755.10	-2934.57	-2696.32		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.33	0.31	0.32	1.85	ppb
Thallium	205-1	0.24	0.21	0.23	0.23	6.73	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.01	28.55	ppb
Tin	118-1	1959.65	1927.52	1943.71	1943.62	0.83	ppb
Titanium	47-1	201.97	197.90	196.87	198.91	1.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	0.08	0.10	0.10	19.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	5.14	5.03	4.77	4.98	3.86	ppb
Zirconium	90-1	1.32	1.33	1.29	1.31	1.47	ppb
Zirconium	91-1	1.36	1.48	1.25	1.36	8.54	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.70	-0.89	-0.74	-0.78		ppb
Antimony	121-1	0.12	0.08	0.08	0.09	24.21	ppb
Arsenic	75-2	0.06	0.01	0.04	0.04	66.73	ppb
Barium	135-1	0.33	0.42	0.29	0.35	18.58	ppb
Barium	137-1	0.31	0.32	0.32	0.32	3.07	ppb
Beryllium	9-1	-0.03	0.02	-0.01	-0.01		ppb
Bismuth	209-1				166		%
Bismuth	209-2				132		%
Boron	10-1	19.34	18.35	16.47	18.06	8.10	ppb
Boron	11-1	19.54	18.70	18.39	18.88	3.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.03	-0.01	0.03	125.42	ppb
Cadmium	106-1	-1.17	-1.31	-3.14	-1.87		ppb
Cadmium	108-1	-0.54	-0.46	-0.53	-0.51		ppb
Calcium	43-1	39579.69	39805.95	39724.04	39703.22	0.29	ppb
Calcium	44-1	39110.47	39006.03	38978.98	39031.83	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.23	-0.24	-0.23	-0.24		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.14	-0.19	-0.15	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				151		%
Holmium	165-2				150		%
Indium	115-1				155		%
Indium	115-2				131		%
Iron	56-2	-0.89	-0.80	-0.76	-0.82		ppb
Iron	57-2	31.80	34.99	34.26	33.69	4.96	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-4.31	-5.47	-4.95	-4.91		ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.61	0.57	0.61	5.10	ppb
Lead	207-1	0.67	0.56	0.53	0.58	12.53	ppb
Lead	208-1	0.64	0.59	0.55	0.59	8.00	ppb
Lithium	6-1				137		%
Magnesium	24-2	34783.14	34359.27	35471.86	34871.43	1.61	ppb
Manganese	55-2	0.07	0.08	0.07	0.07	4.26	ppb
Molybdenum	94-1	0.17	0.14	0.17	0.16	11.46	ppb
Molybdenum	95-1	0.25	0.22	0.25	0.24	5.81	ppb
Molybdenum	96-1	0.20	0.21	0.18	0.20	5.30	ppb
Molybdenum	97-1	0.18	0.19	0.19	0.18	3.09	ppb
Molybdenum	98-1	0.21	0.22	0.21	0.22	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.01	-0.01		ppb
Phosphorus	31-2	-50.95	-31.46	-45.56	-42.66		ppb
Potassium	39-2	12078.36	12053.99	12386.50	12172.95	1.52	ppb
Rhodium	103-1				149		%
Rhodium	103-2				130		%
Scandium	45-1				143		%
Scandium	45-2				131		%
Selenium	82-1	-5.05	-5.96	-3.80	-4.94		ppb
Selenium	77-2	0.28	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-1.51	-1.39	-1.80	-1.57		ppb
Silicon	28-1	-78.00	-77.29	-76.21	-77.17		ppb
Silver	107-1	0.03	0.04	0.03	0.03	11.66	ppb
Silver	109-1	0.04	0.03	0.02	0.03	21.67	ppb
Sodium	23-2	77555.63	76697.38	78126.20	77459.74	0.93	ppb
Strontium	86-1	5.61	5.22	5.59	5.47	3.96	ppb
Strontium	88-1	6.07	6.23	6.25	6.18	1.60	ppb
Sulfur	34-1	-7943.06	-7017.73	-6420.43	-7127.07		ppb
Terbium	159-1				150		%
Terbium	159-2				150		%
Thallium	203-1	0.01	-0.01	0.02	0.01	169.31	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	220.44	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.38	0.39	0.43	0.40	6.61	ppb
Titanium	47-1	-0.04	0.00	-0.07	-0.04		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	20.27	ppb
Yttrium	89-1				145		%
Yttrium	89-2				133		%
Zinc	66-2	0.73	0.64	0.56	0.64	13.08	ppb
Zirconium	90-1	-0.02	-0.01	0.03	0.00	3111.30	ppb
Zirconium	91-1	-0.02	-0.02	0.00	-0.01		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-11 19:06:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.00	-0.88	-0.59	-0.82		ppb
Antimony	121-1	0.03	0.03	0.01	0.02	60.55	ppb
Arsenic	75-2	-0.03	0.01	0.01	0.00		ppb
Barium	135-1	0.06	0.06	0.08	0.06	17.07	ppb
Barium	137-1	0.06	0.06	0.07	0.06	13.57	ppb
Beryllium	9-1	-0.03	0.00	0.03	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	18.05	17.32	16.88	17.42	3.38	ppb
Boron	11-1	18.23	17.65	16.56	17.48	4.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.07	0.00	0.02	153.49	ppb
Cadmium	106-1	-0.86	1.72	-0.92	-0.02		ppb
Cadmium	108-1	-0.26	-0.51	-0.48	-0.42		ppb
Calcium	43-1	8127.51	8213.25	8103.46	8148.08	0.71	ppb
Calcium	44-1	8237.28	8271.20	8276.61	8261.70	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.00	-0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.13	-0.10	-0.10	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.05	0.06	0.11	0.07	43.82	ppb
Iron	57-2	4.81	4.71	6.36	5.29	17.50	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-11 19:06:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.89	-0.12	-0.89	-0.63		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.13	0.12	6.66	ppb
Lead	207-1	0.17	0.16	0.14	0.16	6.82	ppb
Lead	208-1	0.13	0.13	0.14	0.13	3.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	6623.05	6677.40	6594.81	6631.75	0.63	ppb
Manganese	55-2	0.03	0.05	0.00	0.03	89.62	ppb
Molybdenum	94-1	0.05	0.02	0.08	0.05	59.11	ppb
Molybdenum	95-1	0.06	0.03	0.07	0.05	34.28	ppb
Molybdenum	96-1	0.02	0.05	0.06	0.04	43.10	ppb
Molybdenum	97-1	0.02	0.06	0.00	0.02	126.72	ppb
Molybdenum	98-1	0.05	0.08	0.06	0.06	22.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.02	0.01	123.85	ppb
Phosphorus	31-2	-13.81	-24.80	-14.92	-17.84		ppb
Potassium	39-2	2391.36	2366.81	2368.15	2375.44	0.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.94	-0.76	-0.30	-0.67		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.57	0.75	-0.11		ppb
Silicon	28-1	-23.59	-25.87	-27.07	-25.51		ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.45	ppb
Silver	109-1	0.01	0.01	0.02	0.01	45.11	ppb
Sodium	23-2	14819.23	14748.81	14867.54	14811.86	0.40	ppb
Strontium	86-1	1.36	1.41	1.26	1.34	5.35	ppb
Strontium	88-1	1.25	1.24	1.23	1.24	1.15	ppb
Sulfur	34-1	590.70	442.92	368.81	467.48	24.16	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.04	0.03	17.43	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	12.99	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-11 19:06:47	DataFile Name :	031SMPL.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	0.14	0.13	0.08	0.12	25.54	ppb
Titanium	47-1	0.10	0.01	0.08	0.06	73.79	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.63	0.74	0.74	0.71	8.78	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	692.21	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	2839.55	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:09:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	770.94	770.60	756.18	765.91	1.10	ppb
Antimony	121-1	597.30	729.46	624.97	650.57	10.71	ppb
Arsenic	75-2	99.64	97.44	98.13	98.40	1.14	ppb
Barium	135-1	1103.25	1345.49	1147.42	1198.72	10.76	ppb
Barium	137-1	1081.72	1338.37	1136.16	1185.42	11.41	ppb
Beryllium	9-1	226.99	268.53	239.14	244.89	8.72	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	1762.13	2211.59	2020.20	1997.97	11.29	ppb
Boron	11-1	1789.12	2259.39	2059.22	2035.91	11.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	659.29	805.21	685.56	716.68	10.85	ppb
Cadmium	106-1	523.73	636.05	541.20	566.99	10.66	ppb
Cadmium	108-1	555.31	694.15	576.05	608.50	12.31	ppb
Calcium	43-1	135.49	184.55	172.88	164.31	15.60	ppb
Calcium	44-1	82.63	114.53	94.71	97.29	16.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	589.90	580.55	580.35	583.60	0.93	ppb
Cobalt	59-2	729.33	717.74	715.66	720.91	1.02	ppb
Copper	63-2	277.32	272.49	271.95	273.92	1.08	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				97		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	330.10	330.16	326.59	328.95	0.62	ppb
Iron	57-2	327.42	327.54	335.09	330.02	1.33	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:09:53	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	733.05	724.38	705.41	720.95	1.96	ppb
Krypton	83-1						cps
Lead	206-1	511.88	625.20	551.66	562.91	10.21	ppb
Lead	207-1	488.94	609.32	534.11	544.12	11.18	ppb
Lead	208-1	499.65	674.23	537.31	570.40	16.11	ppb
Lithium	6-1				90		%
Magnesium	24-2	-0.37	-0.32	-0.42	-0.37		ppb
Manganese	55-2	587.77	583.68	579.07	583.51	0.75	ppb
Molybdenum	94-1	333.20	408.90	358.97	367.02	10.49	ppb
Molybdenum	95-1	472.70	583.14	507.34	521.06	10.84	ppb
Molybdenum	96-1	455.93	562.62	491.55	503.37	10.79	ppb
Molybdenum	97-1	478.21	588.12	519.06	528.46	10.51	ppb
Molybdenum	98-1	478.73	587.40	518.23	528.12	10.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1296.52	1276.77	1270.90	1281.40	1.05	ppb
Phosphorus	31-2	-9.00	3.04	-14.55	-6.84		ppb
Potassium	39-2	9.04	9.63	9.93	9.53	4.74	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	82-1	615.19	761.12	661.60	679.31	10.98	ppb
Selenium	77-2	652.00	646.90	634.01	644.30	1.44	ppb
Selenium	78-2	658.67	645.24	649.08	651.00	1.06	ppb
Silicon	28-1	56.31	103.49	73.15	77.65	30.79	ppb
Silver	107-1	742.28	892.78	768.66	801.24	10.03	ppb
Silver	109-1	735.39	895.93	769.86	800.39	10.56	ppb
Sodium	23-2	63.81	62.86	60.40	62.35	2.82	ppb
Strontium	86-1	326.76	403.82	351.29	360.63	10.92	ppb
Strontium	88-1	331.13	408.07	357.18	365.46	10.71	ppb
Sulfur	34-1	-621.52	2659.09	-321.02	572.18	316.95	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	686.30	840.53	736.22	754.35	10.43	ppb
Thallium	205-1	700.77	853.80	750.38	768.32	10.16	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:09:53	DataFile Name :	032SMPL.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	0.10	0.16	0.14	0.13	25.57	ppb
Titanium	47-1	0.08	0.31	0.10	0.16	79.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1000.39	984.20	977.81	987.47	1.18	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	461.33	455.28	458.10	458.24	0.66	ppb
Zirconium	90-1	0.06	0.08	0.07	0.07	15.25	ppb
Zirconium	91-1	0.12	0.11	0.11	0.11	7.32	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.20	50.66	49.40	49.75	1.59	ppb
Antimony	121-1	0.20	0.19	0.16	0.18	11.47	ppb
Arsenic	75-2	-0.03	-0.01	0.00	-0.01		ppb
Barium	135-1	0.17	0.17	0.18	0.17	4.93	ppb
Barium	137-1	0.16	0.17	0.15	0.16	5.95	ppb
Beryllium	9-1	0.05	0.07	0.06	0.06	12.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	249.11	259.09	255.84	254.68	2.00	ppb
Boron	11-1	255.81	263.73	261.21	260.25	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.07	0.03	0.06	46.03	ppb
Cadmium	106-1	-0.33	-0.81	-2.34	-1.16		ppb
Cadmium	108-1	-0.15	-0.23	-0.17	-0.19		ppb
Calcium	43-1	4.52	12.92	10.05	9.16	46.57	ppb
Calcium	44-1	17.89	18.60	17.14	17.88	4.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.12	0.13	0.13	11.41	ppb
Cobalt	59-2	0.10	0.08	0.09	0.09	9.70	ppb
Copper	63-2	-0.02	-0.09	-0.09	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	0.18	0.26	0.09	0.18	48.71	ppb
Iron	57-2	-0.70	-0.63	-1.34	-0.89		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.38	-0.04	1.05	0.46	118.25	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.28	0.29	0.28	5.99	ppb
Lead	207-1	0.29	0.31	0.26	0.29	8.84	ppb
Lead	208-1	0.26	0.27	0.26	0.26	2.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.60	-0.51	-0.51	-0.54		ppb
Manganese	55-2	0.10	0.08	0.06	0.08	23.29	ppb
Molybdenum	94-1	1.51	1.66	1.59	1.59	4.88	ppb
Molybdenum	95-1	0.09	0.11	0.10	0.10	8.00	ppb
Molybdenum	96-1	0.31	0.26	0.25	0.27	10.26	ppb
Molybdenum	97-1	0.14	0.08	0.07	0.10	38.56	ppb
Molybdenum	98-1	0.14	0.13	0.08	0.11	29.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.49	0.44	0.48	7.17	ppb
Phosphorus	31-2	-1.44	-9.15	-13.51	-8.03		ppb
Potassium	39-2	20.17	19.73	14.55	18.15	17.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	1.57	-0.60	0.83	0.60	184.46	ppb
Selenium	77-2	0.40	0.00	0.41	0.27	86.61	ppb
Selenium	78-2	-0.78	-1.17	-0.18	-0.71		ppb
Silicon	28-1	1259.98	1285.27	1283.72	1276.32	1.11	ppb
Silver	107-1	0.14	0.09	0.07	0.10	33.89	ppb
Silver	109-1	0.12	0.12	0.09	0.11	18.18	ppb
Sodium	23-2	200.83	199.79	201.95	200.86	0.54	ppb
Strontium	86-1	0.21	0.28	0.05	0.18	65.06	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	25.63	ppb
Sulfur	34-1	-2673.07	-2754.91	-3027.88	-2818.62		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.29	0.28	0.23	0.26	11.91	ppb
Thallium	205-1	0.23	0.20	0.23	0.22	6.45	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.00	19.50	ppb
Tin	118-1	1944.30	1969.94	1921.69	1945.31	1.24	ppb
Titanium	47-1	195.06	201.49	197.60	198.05	1.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.05	0.03	0.04	19.47	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	3.96	3.92	4.15	4.01	3.02	ppb
Zirconium	90-1	1.08	1.12	1.11	1.10	2.28	ppb
Zirconium	91-1	0.93	1.17	1.18	1.09	12.89	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-0.79	-0.89	-0.74		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	12.39	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	212.05	ppb
Barium	135-1	0.30	0.31	0.33	0.32	5.38	ppb
Barium	137-1	0.26	0.31	0.32	0.30	11.87	ppb
Beryllium	9-1	-0.04	0.01	0.02	0.00		ppb
Bismuth	209-1				165		%
Bismuth	209-2				130		%
Boron	10-1	22.66	20.49	18.88	20.68	9.17	ppb
Boron	11-1	21.40	21.90	20.97	21.42	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.00	0.00	0.00		ppb
Cadmium	106-1	-1.95	-2.08	-2.15	-2.06		ppb
Cadmium	108-1	-0.48	-0.43	-0.32	-0.41		ppb
Calcium	43-1	39586.72	42389.37	40462.11	40812.73	3.51	ppb
Calcium	44-1	39090.10	41752.00	39940.73	40260.94	3.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.21	-0.21	-0.21	-0.21		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.01	0.00	-0.03	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				148		%
Holmium	165-2				149		%
Indium	115-1				153		%
Indium	115-2				131		%
Iron	56-2	-1.07	-0.97	-0.96	-1.00		ppb
Iron	57-2	32.13	38.83	35.10	35.35	9.50	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-4.96	-4.88	-5.71	-5.18		ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.25	0.25	0.27	10.02	ppb
Lead	207-1	0.32	0.29	0.25	0.28	12.43	ppb
Lead	208-1	0.30	0.27	0.25	0.27	9.54	ppb
Lithium	6-1				134		%
Magnesium	24-2	34705.60	35086.69	35238.41	35010.23	0.78	ppb
Manganese	55-2	0.10	0.06	0.09	0.08	20.35	ppb
Molybdenum	94-1	0.13	0.15	0.14	0.14	5.07	ppb
Molybdenum	95-1	0.24	0.26	0.23	0.24	6.20	ppb
Molybdenum	96-1	0.19	0.25	0.17	0.20	18.68	ppb
Molybdenum	97-1	0.19	0.24	0.23	0.22	11.67	ppb
Molybdenum	98-1	0.25	0.22	0.24	0.24	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.38	0.30	0.34	11.46	ppb
Phosphorus	31-2	-48.82	-55.17	-51.12	-51.70		ppb
Potassium	39-2	12293.24	12265.91	12691.39	12416.85	1.92	ppb
Rhodium	103-1				148		%
Rhodium	103-2				129		%
Scandium	45-1				140		%
Scandium	45-2				131		%
Selenium	82-1	-4.86	-6.27	-3.70	-4.94		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.73	-0.67	-1.44	-1.28		ppb
Silicon	28-1	-80.34	-72.78	-76.31	-76.48		ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.68	ppb
Silver	109-1	0.02	0.02	0.03	0.03	26.62	ppb
Sodium	23-2	77569.97	78257.69	78523.55	78117.07	0.63	ppb
Strontium	86-1	5.41	6.17	5.65	5.74	6.79	ppb
Strontium	88-1	6.05	6.41	6.31	6.26	2.93	ppb
Sulfur	34-1	-8511.08	-6805.91	-6568.15	-7295.05		ppb
Terbium	159-1				148		%
Terbium	159-2				149		%
Thallium	203-1	-0.02	-0.01	0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.11	0.12	0.11	0.11	4.57	ppb
Titanium	47-1	-0.03	0.02	-0.02	-0.01		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	78.78	ppb
Yttrium	89-1				143		%
Yttrium	89-2				133		%
Zinc	66-2	1.42	1.15	1.22	1.27	11.18	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	2378.33	ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.73	-0.17	-0.36		ppb
Antimony	121-1	0.02	0.03	0.02	0.03	19.54	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00	2040.65	ppb
Barium	135-1	0.19	0.25	0.19	0.21	16.48	ppb
Barium	137-1	0.15	0.13	0.20	0.16	21.56	ppb
Beryllium	9-1	0.00	0.01	0.03	0.02	95.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	21.91	20.27	22.32	21.50	5.04	ppb
Boron	11-1	21.92	20.35	21.17	21.15	3.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.00	-0.01	0.02	222.31	ppb
Cadmium	106-1	1.17	-1.43	-0.87	-0.38		ppb
Cadmium	108-1	-0.30	-0.22	-0.01	-0.18		ppb
Calcium	43-1	20496.30	20832.08	20655.99	20661.46	0.81	ppb
Calcium	44-1	20466.91	20443.14	20471.08	20460.38	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.12	-0.14	-0.12		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.18	-0.16	-0.14	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				119		%
Indium	115-2				110		%
Iron	56-2	-0.10	-0.07	-0.13	-0.10		ppb
Iron	57-2	14.40	15.17	16.16	15.24	5.79	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-3.21	-3.11	-1.79	-2.71		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.17	0.15	11.88	ppb
Lead	207-1	0.18	0.17	0.19	0.18	7.50	ppb
Lead	208-1	0.15	0.16	0.16	0.16	5.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	17127.75	16761.13	16806.02	16898.30	1.18	ppb
Manganese	55-2	0.04	0.02	0.01	0.02	80.05	ppb
Molybdenum	94-1	0.08	0.11	0.06	0.08	31.19	ppb
Molybdenum	95-1	0.16	0.15	0.16	0.16	4.89	ppb
Molybdenum	96-1	0.16	0.12	0.11	0.13	17.32	ppb
Molybdenum	97-1	0.12	0.12	0.08	0.11	17.85	ppb
Molybdenum	98-1	0.11	0.13	0.17	0.14	21.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.01		ppb
Phosphorus	31-2	-25.06	-24.30	-30.40	-26.59		ppb
Potassium	39-2	6056.55	6027.83	6050.48	6044.95	0.25	ppb
Rhodium	103-1				118		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	-0.36	-0.44	-1.08	-0.63		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.06	-0.12	-0.01	-0.40		ppb
Silicon	28-1	-36.64	-37.34	-38.69	-37.56		ppb
Silver	107-1	0.01	0.02	0.03	0.02	47.93	ppb
Silver	109-1	0.01	0.02	0.02	0.01	37.35	ppb
Sodium	23-2	37430.51	37735.98	37769.17	37645.22	0.50	ppb
Strontium	86-1	3.21	2.81	2.93	2.98	6.96	ppb
Strontium	88-1	3.18	3.05	3.06	3.10	2.25	ppb
Sulfur	34-1	-1132.57	-801.15	-844.03	-925.92		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.04	0.03	0.04	7.58	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	85.33	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	47.67	ppb
Tin	118-1	0.11	0.20	0.11	0.14	38.83	ppb
Titanium	47-1	0.06	0.03	0.13	0.07	71.20	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.02	0.02	0.01	64.64	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	0.41	0.44	0.38	0.41	7.81	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	76.64	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.37	23.98	22.07	23.47	5.24	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	40.10	ppb
Arsenic	75-2	0.01	0.03	-0.03	0.00	1086.91	ppb
Barium	135-1	0.12	0.07	0.05	0.08	39.86	ppb
Barium	137-1	0.12	0.06	0.04	0.07	52.68	ppb
Beryllium	9-1	0.04	0.02	0.07	0.04	65.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	108.03	110.26	111.39	109.89	1.56	ppb
Boron	11-1	108.00	113.47	115.41	112.29	3.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	-0.03	0.03	0.01	293.26	ppb
Cadmium	106-1	0.69	-0.66	0.10	0.05	1490.11	ppb
Cadmium	108-1	-0.16	0.23	-0.43	-0.12		ppb
Calcium	43-1	10.00	14.28	12.20	12.16	17.61	ppb
Calcium	44-1	17.21	18.12	19.82	18.38	7.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	-0.02	0.02	182.62	ppb
Cobalt	59-2	0.04	0.03	0.03	0.04	18.57	ppb
Copper	63-2	-0.11	-0.12	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.28	0.25	0.25	0.26	8.57	ppb
Iron	57-2	-1.26	-1.55	-0.02	-0.94		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.45	0.08	-1.18	-0.52		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.16	0.15	0.15	14.31	ppb
Lead	207-1	0.15	0.18	0.16	0.16	9.52	ppb
Lead	208-1	0.13	0.16	0.15	0.15	9.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.03	0.46	-0.28	0.07	537.79	ppb
Manganese	55-2	0.02	0.02	0.03	0.02	26.02	ppb
Molybdenum	94-1	0.72	0.79	0.87	0.79	9.11	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	9.97	ppb
Molybdenum	96-1	0.09	0.10	0.13	0.11	17.30	ppb
Molybdenum	97-1	0.00	0.06	0.00	0.02	151.86	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	29.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.21	0.24	0.22	6.89	ppb
Phosphorus	31-2	-16.38	-20.44	-30.15	-22.32		ppb
Potassium	39-2	12.27	10.77	11.01	11.35	7.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.27	-2.20	-1.95	-1.47		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.54	0.33	0.46	0.08	655.50	ppb
Silicon	28-1	602.18	619.59	614.25	612.01	1.46	ppb
Silver	107-1	0.03	0.02	0.01	0.02	39.11	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.24	ppb
Sodium	23-2	122.04	122.84	122.99	122.63	0.42	ppb
Strontium	86-1	0.19	0.04	0.36	0.20	81.47	ppb
Strontium	88-1	0.01	0.03	0.02	0.02	31.36	ppb
Sulfur	34-1	-191.54	-3.33	-177.08	-123.99		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.02	0.05	0.03	44.78	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	19.86	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	37.94	ppb
Tin	118-1	866.52	883.82	883.16	877.84	1.12	ppb
Titanium	47-1	97.11	100.32	98.94	98.79	1.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	30.99	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	3.13	3.15	2.91	3.06	4.42	ppb
Zirconium	90-1	0.52	0.50	0.51	0.51	1.76	ppb
Zirconium	91-1	0.47	0.55	0.43	0.48	12.50	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48859.52	48133.42	48002.53	48331.82	0.96	ppb
Antimony	121-1	468.96	470.04	466.41	468.47	0.40	ppb
Arsenic	75-2	506.41	506.74	502.49	505.21	0.47	ppb
Barium	135-1	2361.59	2346.42	2352.96	2353.66	0.32	ppb
Barium	137-1	2562.43	2536.79	2560.13	2553.12	0.56	ppb
Beryllium	9-1	522.98	523.29	522.06	522.78	0.12	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	511.27	537.03	545.27	531.19	3.34	ppb
Boron	11-1	523.50	541.32	551.19	538.67	2.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	490.78	490.56	490.92	490.75	0.04	ppb
Cadmium	106-1	494.56	500.09	496.49	497.05	0.56	ppb
Cadmium	108-1	495.45	498.53	489.71	494.56	0.91	ppb
Calcium	43-1	248817.43	249072.91	251874.60	249921.65	0.68	ppb
Calcium	44-1	247293.32	247022.42	247019.39	247111.71	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.94	500.89	493.97	499.60	1.02	ppb
Cobalt	59-2	497.19	492.02	487.27	492.16	1.01	ppb
Copper	63-2	4928.77	4911.25	4844.57	4894.86	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	128591.92	126915.23	125510.17	127005.77	1.21	ppb
Iron	57-2	128417.97	126753.67	125934.15	127035.26	1.00	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127102.63	125757.75	124363.46	125741.28	1.09	ppb
Krypton	83-1						cps
Lead	206-1	2627.42	2575.85	2655.20	2619.49	1.54	ppb
Lead	207-1	2620.77	2590.86	2644.39	2618.68	1.02	ppb
Lead	208-1	2607.48	2580.14	2623.34	2603.65	0.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	253416.59	251255.80	245316.29	249996.23	1.68	ppb
Manganese	55-2	5089.22	5102.03	4980.84	5057.37	1.32	ppb
Molybdenum	94-1	2498.25	2465.50	2472.88	2478.88	0.69	ppb
Molybdenum	95-1	2495.94	2482.06	2472.60	2483.53	0.47	ppb
Molybdenum	96-1	2464.32	2461.78	2452.13	2459.41	0.26	ppb
Molybdenum	97-1	2379.22	2384.22	2360.48	2374.64	0.53	ppb
Molybdenum	98-1	2505.68	2502.36	2475.04	2494.36	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.95	488.30	486.68	489.98	0.89	ppb
Phosphorus	31-2	10346.32	10154.61	9738.69	10079.87	3.08	ppb
Potassium	39-2	124241.17	124562.96	122419.61	123741.25	0.93	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	490.57	486.90	483.90	487.12	0.69	ppb
Selenium	77-2	510.99	496.76	484.41	497.39	2.67	ppb
Selenium	78-2	508.37	512.13	497.24	505.91	1.53	ppb
Silicon	28-1	475.40	496.05	510.50	493.98	3.57	ppb
Silver	107-1	499.15	503.99	498.82	500.65	0.58	ppb
Silver	109-1	503.03	499.67	501.75	501.48	0.34	ppb
Sodium	23-2	251159.22	252406.87	246319.66	249961.92	1.29	ppb
Strontium	86-1	468.19	471.54	465.17	468.30	0.68	ppb
Strontium	88-1	480.42	483.77	475.23	479.81	0.90	ppb
Sulfur	34-1	10069.18	9276.08	9237.41	9527.56	4.93	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	512.35	507.84	511.21	510.47	0.46	ppb
Thallium	205-1	528.52	521.04	532.97	527.51	1.14	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	510.50	508.89	517.89	512.43	0.94	ppb
Tin	118-1	489.20	492.97	486.20	489.45	0.69	ppb
Titanium	47-1	2505.76	2489.12	2489.05	2494.64	0.39	ppb
Uranium	238-1	492.86	489.95	495.86	492.89	0.60	ppb
Vanadium	51-2	513.04	509.82	500.06	507.64	1.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	4868.41	4833.68	4745.98	4816.02	1.31	ppb
Zirconium	90-1	466.71	469.85	465.82	467.46	0.45	ppb
Zirconium	91-1	480.31	479.09	474.39	477.93	0.65	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:49:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.48	0.40	0.37	34.10	ppb
Antimony	121-1	0.05	0.08	0.04	0.06	32.07	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	15.76	ppb
Barium	135-1	0.07	0.03	0.05	0.05	36.92	ppb
Barium	137-1	0.03	0.02	0.03	0.03	24.30	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	38.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.93	3.63	3.86	3.81	4.08	ppb
Boron	11-1	4.31	4.00	4.56	4.29	6.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.04	-0.06	-0.06		ppb
Cadmium	106-1	-3.05	-2.90	-2.96	-2.97		ppb
Cadmium	108-1	-0.03	-0.32	-0.27	-0.21		ppb
Calcium	43-1	6.86	0.99	4.81	4.22	70.56	ppb
Calcium	44-1	4.57	4.58	8.91	6.02	41.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.04	-0.02	-0.04		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	252.72	ppb
Copper	63-2	-0.08	-0.06	-0.08	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	1.41	1.31	1.15	1.29	9.97	ppb
Iron	57-2	0.01	-0.17	0.55	0.13	287.44	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:49:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.63	3.24	-0.61	1.09	180.47	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.14	0.12	0.12	9.54	ppb
Lead	207-1	0.13	0.14	0.12	0.13	9.49	ppb
Lead	208-1	0.13	0.12	0.11	0.12	6.50	ppb
Lithium	6-1				92		%
Magnesium	24-2	4.47	3.54	3.17	3.73	17.95	ppb
Manganese	55-2	0.04	0.06	0.07	0.06	23.76	ppb
Molybdenum	94-1	0.11	0.12	0.08	0.10	20.06	ppb
Molybdenum	95-1	0.07	0.06	0.03	0.05	44.59	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	21.59	ppb
Molybdenum	97-1	0.06	0.02	0.07	0.05	53.18	ppb
Molybdenum	98-1	0.05	0.08	0.04	0.06	41.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.04	-0.03		ppb
Phosphorus	31-2	-15.87	-28.49	-33.89	-26.08		ppb
Potassium	39-2	9.63	10.67	9.21	9.84	7.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.36	1.04	-1.92	-0.18		ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	-0.38	1.17	0.21	0.33	234.15	ppb
Silicon	28-1	-25.99	-25.29	-26.35	-25.88		ppb
Silver	107-1	0.02	0.01	0.01	0.02	22.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.15	ppb
Sodium	23-2	38.82	39.16	36.88	38.29	3.22	ppb
Strontium	86-1	0.21	0.10	0.29	0.20	48.97	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	37.90	ppb
Sulfur	34-1	-1442.42	-1248.75	-1446.13	-1379.10		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.03	-0.06	-0.05		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:49:50	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	5.27	ppb
Tin	118-1	0.02	-0.02	0.04	0.01	214.01	ppb
Titanium	47-1	0.02	0.02	0.06	0.03	64.84	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	25.86	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	52.56	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.26	0.25	0.23	0.25	5.45	ppb
Zirconium	90-1	0.04	0.05	0.04	0.05	5.02	ppb
Zirconium	91-1	0.06	0.04	0.01	0.03	75.92	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	381.57	380.74	370.74	377.68	1.60	ppb
Antimony	121-1	307.42	296.84	304.27	302.84	1.79	ppb
Arsenic	75-2	48.60	49.05	49.36	49.01	0.78	ppb
Barium	135-1	565.46	545.68	558.17	556.43	1.80	ppb
Barium	137-1	562.31	539.36	554.49	552.05	2.11	ppb
Beryllium	9-1	117.30	116.79	112.95	115.68	2.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	906.50	957.34	976.41	946.75	3.82	ppb
Boron	11-1	914.60	975.33	980.04	956.66	3.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	336.83	326.29	333.98	332.37	1.64	ppb
Cadmium	106-1	258.03	249.76	252.71	253.50	1.66	ppb
Cadmium	108-1	287.96	274.36	282.76	281.70	2.44	ppb
Calcium	43-1	77.01	92.66	90.33	86.66	9.74	ppb
Calcium	44-1	57.89	56.29	56.46	56.88	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291.35	290.06	290.02	290.48	0.26	ppb
Cobalt	59-2	360.76	360.62	359.31	360.23	0.22	ppb
Copper	63-2	136.03	136.12	136.30	136.15	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	164.45	163.76	164.37	164.20	0.23	ppb
Iron	57-2	161.48	155.86	160.55	159.30	1.89	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	373.19	348.87	347.13	356.40	4.09	ppb
Krypton	83-1						cps
Lead	206-1	263.76	262.82	263.17	263.25	0.18	ppb
Lead	207-1	251.46	251.46	255.04	252.65	0.82	ppb
Lead	208-1	255.47	255.59	257.86	256.31	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.76	0.91	0.15	0.61	65.96	ppb
Manganese	55-2	291.96	290.74	290.91	291.20	0.23	ppb
Molybdenum	94-1	172.45	171.95	170.40	171.60	0.62	ppb
Molybdenum	95-1	243.00	242.47	243.05	242.84	0.13	ppb
Molybdenum	96-1	232.80	236.44	233.58	234.28	0.82	ppb
Molybdenum	97-1	244.42	245.96	244.67	245.02	0.34	ppb
Molybdenum	98-1	245.12	245.82	244.48	245.14	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	636.97	641.79	637.33	638.70	0.42	ppb
Phosphorus	31-2	-2.85	-20.58	1.67	-7.25		ppb
Potassium	39-2	2.45	-3.85	1.42	0.01	58328.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	311.21	312.69	313.23	312.38	0.33	ppb
Selenium	77-2	328.86	317.79	312.75	319.80	2.58	ppb
Selenium	78-2	331.92	325.67	319.60	325.73	1.89	ppb
Silicon	28-1	10.94	11.06	11.64	11.21	3.35	ppb
Silver	107-1	378.74	366.73	376.37	373.95	1.70	ppb
Silver	109-1	378.96	364.70	375.41	373.02	1.99	ppb
Sodium	23-2	46.41	47.17	46.40	46.66	0.94	ppb
Strontium	86-1	168.64	168.52	166.45	167.87	0.73	ppb
Strontium	88-1	161.11	159.93	160.63	160.56	0.37	ppb
Sulfur	34-1	-2160.77	-2189.10	-2389.71	-2246.52		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	351.86	352.89	354.17	352.97	0.33	ppb
Thallium	205-1	311.52	312.72	313.44	312.56	0.31	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	24.00	ppb
Tin	118-1	0.06	0.05	0.05	0.05	11.97	ppb
Titanium	47-1	0.16	0.14	0.18	0.16	12.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	494.04	490.32	489.74	491.37	0.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	232.16	230.41	230.39	230.99	0.44	ppb
Zirconium	90-1	0.04	0.06	0.04	0.05	26.93	ppb
Zirconium	91-1	0.07	0.13	0.07	0.09	34.52	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.87	25.08	24.45	23.80	7.15	ppb
Antimony	121-1	0.13	0.10	0.10	0.11	12.10	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.12	0.08	0.14	0.11	24.81	ppb
Barium	137-1	0.08	0.11	0.09	0.09	18.97	ppb
Beryllium	9-1	0.03	0.01	0.00	0.01	99.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	132.57	135.73	133.06	133.79	1.27	ppb
Boron	11-1	133.47	134.93	140.31	136.24	2.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.03	-0.03	0.00	3388.44	ppb
Cadmium	106-1	-2.34	0.53	-2.68	-1.50		ppb
Cadmium	108-1	-0.43	0.15	0.15	-0.04		ppb
Calcium	43-1	11.51	5.26	4.91	7.23	51.36	ppb
Calcium	44-1	15.31	9.89	11.08	12.09	23.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.03	0.03	44.12	ppb
Cobalt	59-2	0.05	0.04	0.05	0.05	13.31	ppb
Copper	63-2	-0.13	-0.12	-0.15	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	-0.07	-0.25	-0.15	-0.16		ppb
Iron	57-2	-1.79	-0.87	-0.68	-1.11		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.40	0.49	-1.97	-0.03		ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.18	0.18	6.63	ppb
Lead	207-1	0.20	0.22	0.19	0.20	7.26	ppb
Lead	208-1	0.18	0.18	0.19	0.18	2.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.08	-0.37	-0.18	-0.16		ppb
Manganese	55-2	0.07	0.03	0.02	0.04	66.38	ppb
Molybdenum	94-1	1.23	1.13	1.12	1.16	4.93	ppb
Molybdenum	95-1	0.11	0.07	0.08	0.08	22.77	ppb
Molybdenum	96-1	0.24	0.18	0.16	0.19	22.03	ppb
Molybdenum	97-1	0.07	0.03	0.03	0.04	57.22	ppb
Molybdenum	98-1	0.08	0.04	0.05	0.06	32.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.24	0.31	0.26	16.35	ppb
Phosphorus	31-2	-10.28	-25.52	-20.68	-18.83		ppb
Potassium	39-2	4.04	6.03	4.57	4.88	21.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	0.40	0.00	-0.53	-0.04		ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	-0.16	-0.61	0.35	-0.14		ppb
Silicon	28-1	638.19	626.72	622.68	629.19	1.28	ppb
Silver	107-1	0.09	0.08	0.05	0.07	30.62	ppb
Silver	109-1	0.10	0.06	0.07	0.08	24.90	ppb
Sodium	23-2	107.18	111.90	110.35	109.81	2.19	ppb
Strontium	86-1	0.19	0.14	0.36	0.23	49.86	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	39.44	ppb
Sulfur	34-1	-2196.88	-2666.30	-2677.71	-2513.63		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.07	0.10	0.10	28.69	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	14.87	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	23.14	ppb
Tin	118-1	928.07	915.60	910.81	918.16	0.97	ppb
Titanium	47-1	102.18	100.88	101.05	101.37	0.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.04	0.03	0.03	31.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.58	2.60	2.53	2.57	1.37	ppb
Zirconium	90-1	0.77	0.79	0.80	0.78	1.74	ppb
Zirconium	91-1	0.95	0.74	0.81	0.83	12.57	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	380.15	379.00	386.81	381.99	1.10	ppb
Antimony	121-1	296.59	306.59	307.27	303.48	1.97	ppb
Arsenic	75-2	50.27	49.80	50.47	50.18	0.69	ppb
Barium	135-1	544.79	564.75	565.42	558.32	2.10	ppb
Barium	137-1	538.30	563.41	562.70	554.80	2.58	ppb
Beryllium	9-1	114.95	119.96	117.46	117.46	2.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	917.21	1002.35	1011.35	976.97	5.32	ppb
Boron	11-1	938.29	1012.89	1036.81	995.99	5.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	326.83	338.42	340.14	335.13	2.16	ppb
Cadmium	106-1	253.43	261.57	259.79	258.26	1.66	ppb
Cadmium	108-1	277.21	291.47	286.47	285.05	2.54	ppb
Calcium	43-1	77.56	79.85	84.05	80.49	4.09	ppb
Calcium	44-1	42.16	47.44	45.71	45.10	5.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	295.51	293.78	294.32	294.54	0.30	ppb
Cobalt	59-2	368.14	366.44	365.21	366.60	0.40	ppb
Copper	63-2	138.12	137.49	137.67	137.76	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	165.73	165.73	165.61	165.69	0.04	ppb
Iron	57-2	165.91	159.28	160.03	161.74	2.24	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	370.05	366.57	365.83	367.49	0.61	ppb
Krypton	83-1						cps
Lead	206-1	253.77	271.25	268.45	264.49	3.55	ppb
Lead	207-1	244.16	261.70	259.02	254.96	3.71	ppb
Lead	208-1	247.72	265.20	260.93	257.95	3.53	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.85	-1.37	-0.74	-0.99		ppb
Manganese	55-2	296.66	293.43	294.68	294.92	0.55	ppb
Molybdenum	94-1	166.15	176.60	175.34	172.70	3.30	ppb
Molybdenum	95-1	237.80	249.63	249.85	245.76	2.81	ppb
Molybdenum	96-1	229.32	242.62	239.08	237.00	2.91	ppb
Molybdenum	97-1	238.52	252.40	249.38	246.77	2.96	ppb
Molybdenum	98-1	239.58	254.03	248.96	247.52	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	648.09	648.42	645.50	647.34	0.25	ppb
Phosphorus	31-2	-23.02	1.45	-14.33	-11.97		ppb
Potassium	39-2	-1.13	-4.43	2.55	-1.00		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	304.24	318.81	323.46	315.50	3.18	ppb
Selenium	77-2	340.10	329.87	326.17	332.05	2.17	ppb
Selenium	78-2	335.96	329.78	334.77	333.50	0.98	ppb
Silicon	28-1	17.74	22.69	18.67	19.70	13.35	ppb
Silver	107-1	367.51	379.88	377.26	374.88	1.74	ppb
Silver	109-1	368.21	381.79	382.71	377.57	2.15	ppb
Sodium	23-2	44.00	41.44	45.41	43.62	4.61	ppb
Strontium	86-1	165.00	174.51	170.38	169.96	2.81	ppb
Strontium	88-1	157.19	166.24	164.32	162.58	2.93	ppb
Sulfur	34-1	-3217.48	-2437.42	-2659.33	-2771.41		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	342.63	362.29	351.46	352.13	2.80	ppb
Thallium	205-1	301.80	321.97	313.48	312.42	3.24	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.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	0.46	0.35	0.32	0.38	20.36	ppb
Titanium	47-1	0.16	0.16	0.17	0.16	1.94	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	498.36	497.49	498.61	498.15	0.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	231.14	229.34	233.00	231.16	0.79	ppb
Zirconium	90-1	0.02	0.04	0.04	0.03	34.07	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	23.82	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BL	Instrumnet Name :	P7
Client Sample ID :	PB135095BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:10:15	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.30	-0.06	-0.19		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	5.25	ppb
Arsenic	75-2	-0.03	0.00	0.03	0.00		ppb
Barium	135-1	0.03	0.00	0.03	0.02	88.28	ppb
Barium	137-1	0.00	0.04	0.02	0.02	86.75	ppb
Beryllium	9-1	0.00	0.03	0.04	0.03	80.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	8.56	7.98	8.99	8.51	5.97	ppb
Boron	11-1	9.37	8.77	8.18	8.77	6.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.05	-0.06	-0.04		ppb
Cadmium	106-1	-1.79	-2.59	-2.60	-2.33		ppb
Cadmium	108-1	-0.15	-0.33	0.13	-0.12		ppb
Calcium	43-1	1.56	0.65	-2.26	-0.02		ppb
Calcium	44-1	1.31	1.28	0.81	1.13	24.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.04	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	1438.86	ppb
Copper	63-2	-0.19	-0.16	-0.16	-0.17		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	-0.89	-0.90	-0.93	-0.90		ppb
Iron	57-2	-2.12	-2.43	-3.11	-2.55		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BL	Instrumnet Name :	P7
Client Sample ID :	PB135095BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:10:15	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.58	-1.52	-1.80	-1.63		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	11.14	ppb
Lead	207-1	0.07	0.08	0.05	0.07	18.63	ppb
Lead	208-1	0.05	0.06	0.05	0.05	16.88	ppb
Lithium	6-1				91		%
Magnesium	24-2	-1.24	-1.44	-1.29	-1.32		ppb
Manganese	55-2	0.00	0.01	0.04	0.02	114.36	ppb
Molybdenum	94-1	0.04	0.01	-0.01	0.01	186.38	ppb
Molybdenum	95-1	0.03	0.05	0.03	0.04	23.62	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	216.59	ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	106.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-4.30	-21.65	-3.92	-9.96		ppb
Potassium	39-2	8.20	-8.07	-6.63	-2.17		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	-1.00	-1.03	0.62	-0.47		ppb
Selenium	77-2	0.38	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	0.49	-0.20	0.11	0.13	254.01	ppb
Silicon	28-1	-22.24	-24.29	-24.79	-23.78		ppb
Silver	107-1	0.00	0.01	0.02	0.01	64.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.47	ppb
Sodium	23-2	22.75	19.60	20.38	20.91	7.85	ppb
Strontium	86-1	-0.17	0.18	0.13	0.05	394.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	209.14	ppb
Sulfur	34-1	-1946.28	-2146.40	-1913.32	-2002.00		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.06	-0.03	-0.02	-0.04		ppb
Thallium	205-1	-0.04	-0.02	-0.03	-0.03		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BL	Instrumnet Name :	P7
Client Sample ID :	PB135095BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:10:15	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	345.96	ppb
Tin	118-1	0.01	0.02	0.03	0.02	55.42	ppb
Titanium	47-1	-0.01	0.02	0.04	0.02	148.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4367.90	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	101.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.12	0.18	0.08	0.13	36.60	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.33	ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BS	Instrumnet Name :	P7
Client Sample ID :	PB135095BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:13:22	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9536.82	9509.13	9507.47	9517.81	0.17	ppb
Antimony	121-1	463.87	470.62	470.36	468.28	0.82	ppb
Arsenic	75-2	504.36	504.94	501.97	503.76	0.31	ppb
Barium	135-1	2346.41	2353.45	2341.05	2346.97	0.26	ppb
Barium	137-1	2566.29	2548.34	2562.38	2559.00	0.37	ppb
Beryllium	9-1	518.67	522.97	514.92	518.86	0.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	490.78	525.44	528.75	514.99	4.08	ppb
Boron	11-1	501.81	531.75	536.86	523.47	3.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.02	502.47	501.23	501.58	0.16	ppb
Cadmium	106-1	506.02	502.29	500.93	503.08	0.52	ppb
Cadmium	108-1	500.89	498.79	501.10	500.26	0.26	ppb
Calcium	43-1	50972.88	51004.25	50328.75	50768.63	0.75	ppb
Calcium	44-1	50058.52	49835.31	49937.05	49943.63	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.03	503.23	497.71	502.66	0.93	ppb
Cobalt	59-2	501.45	496.58	500.44	499.49	0.51	ppb
Copper	63-2	5115.19	5151.39	5134.40	5133.66	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	25961.21	26037.36	25540.08	25846.22	1.04	ppb
Iron	57-2	24835.62	24887.97	24696.61	24806.73	0.40	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BS	Instrumnet Name :	P7
Client Sample ID :	PB135095BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:13:22	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25479.86	25416.54	25207.23	25367.88	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2553.67	2575.93	2565.19	2564.93	0.43	ppb
Lead	207-1	2571.36	2578.35	2567.73	2572.48	0.21	ppb
Lead	208-1	2553.24	2566.13	2564.55	2561.31	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	49959.80	50037.03	50237.51	50078.11	0.29	ppb
Manganese	55-2	5206.24	5122.88	5032.91	5120.67	1.69	ppb
Molybdenum	94-1	2474.96	2482.64	2442.45	2466.68	0.86	ppb
Molybdenum	95-1	2485.74	2514.33	2476.85	2492.31	0.79	ppb
Molybdenum	96-1	2465.75	2481.27	2466.21	2471.08	0.36	ppb
Molybdenum	97-1	2376.19	2370.05	2345.61	2363.95	0.68	ppb
Molybdenum	98-1	2485.79	2476.78	2459.67	2474.08	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.10	502.58	499.33	501.00	0.32	ppb
Phosphorus	31-2	9986.93	9793.32	9872.45	9884.23	0.98	ppb
Potassium	39-2	24868.24	24693.65	24858.88	24806.92	0.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	489.02	484.44	486.16	486.54	0.48	ppb
Selenium	77-2	524.63	506.14	493.73	508.17	3.06	ppb
Selenium	78-2	514.08	505.40	507.00	508.83	0.91	ppb
Silicon	28-1	450.78	469.51	469.26	463.18	2.32	ppb
Silver	107-1	477.46	478.94	475.00	477.13	0.42	ppb
Silver	109-1	478.27	477.32	478.44	478.01	0.13	ppb
Sodium	23-2	51054.30	50777.02	50996.20	50942.51	0.29	ppb
Strontium	86-1	481.80	486.86	486.41	485.02	0.58	ppb
Strontium	88-1	497.65	498.55	497.69	497.97	0.10	ppb
Sulfur	34-1	9070.33	9367.78	9052.15	9163.42	1.93	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	494.87	496.52	502.04	497.81	0.75	ppb
Thallium	205-1	513.82	516.48	516.46	515.59	0.30	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BS	Instrumnet Name :	P7
Client Sample ID :	PB135095BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:13:22	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	502.64	504.72	501.44	502.93	0.33	ppb
Tin	118-1	492.74	498.45	498.16	496.45	0.65	ppb
Titanium	47-1	2465.28	2503.32	2475.86	2481.48	0.79	ppb
Uranium	238-1	496.94	500.40	499.13	498.82	0.35	ppb
Vanadium	51-2	502.23	505.35	499.76	502.45	0.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	5040.38	4990.21	4985.41	5005.33	0.61	ppb
Zirconium	90-1	499.26	503.21	501.92	501.47	0.40	ppb
Zirconium	91-1	481.49	483.95	483.76	483.07	0.28	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BL	Instrumnet Name :	P7
Client Sample ID :	PB135097BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:31:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.17	-0.13	-0.26		ppb
Antimony	121-1	0.05	0.03	0.03	0.04	30.95	ppb
Arsenic	75-2	-0.01	0.01	0.06	0.02	174.78	ppb
Barium	135-1	0.02	0.04	0.01	0.02	59.78	ppb
Barium	137-1	0.02	0.03	0.01	0.02	49.65	ppb
Beryllium	9-1	-0.02	0.05	0.03	0.02	170.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	3.36	4.13	3.61	3.70	10.60	ppb
Boron	11-1	3.94	3.16	3.51	3.54	11.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.09	-0.06	-0.08		ppb
Cadmium	106-1	-4.96	-4.19	-3.28	-4.14		ppb
Cadmium	108-1	-0.63	-0.07	-0.28	-0.33		ppb
Calcium	43-1	3.97	-2.83	-0.21	0.31	1094.26	ppb
Calcium	44-1	0.07	0.84	-0.51	0.14	498.75	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	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.16	-0.15	-0.15	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	-0.78	-0.83	-1.01	-0.88		ppb
Iron	57-2	-2.14	-2.07	-2.78	-2.33		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BL	Instrumnet Name :	P7
Client Sample ID :	PB135097BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:31:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.30	-0.28	-1.63	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.09	0.08	13.85	ppb
Lead	207-1	0.09	0.11	0.11	0.10	13.91	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	-1.09	-0.85	-1.08	-1.01		ppb
Manganese	55-2	0.01	0.00	0.04	0.02	109.88	ppb
Molybdenum	94-1	0.04	0.06	0.07	0.05	30.75	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	9.01	ppb
Molybdenum	96-1	0.06	0.02	0.02	0.03	66.58	ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	10.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.03	-0.02		ppb
Phosphorus	31-2	-20.86	-17.71	-32.06	-23.54		ppb
Potassium	39-2	-1.83	-4.75	-2.51	-3.03		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.73	-1.22	0.56	-0.46		ppb
Selenium	77-2	0.38	0.38	0.00	0.25	86.60	ppb
Selenium	78-2	-0.82	-0.02	-0.72	-0.52		ppb
Silicon	28-1	-25.95	-27.60	-26.66	-26.74		ppb
Silver	107-1	0.01	0.00	0.00	0.01	79.10	ppb
Silver	109-1	0.01	0.00	0.00	0.01	78.48	ppb
Sodium	23-2	21.07	20.55	18.42	20.01	7.02	ppb
Strontium	86-1	0.18	0.20	0.13	0.17	21.20	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	117.11	ppb
Sulfur	34-1	-2001.94	-2050.40	-1771.97	-1941.43		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.06	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BL	Instrumnet Name :	P7
Client Sample ID :	PB135097BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:31:32	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.03	0.03	13.10	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.02	0.05	-0.04	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.94	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	1288.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.17	0.21	0.19	0.19	10.40	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	14.81	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BS	Instrumnet Name :	P7
Client Sample ID :	PB135097BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:34:39	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9542.22	9173.58	9401.08	9372.29	1.98	ppb
Antimony	121-1	470.79	476.77	472.07	473.21	0.67	ppb
Arsenic	75-2	503.36	489.91	499.50	497.59	1.39	ppb
Barium	135-1	2335.06	2372.40	2372.41	2359.96	0.91	ppb
Barium	137-1	2561.55	2574.69	2579.40	2571.88	0.36	ppb
Beryllium	9-1	513.99	524.01	518.05	518.68	0.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	497.78	533.89	544.94	525.53	4.69	ppb
Boron	11-1	502.77	540.96	541.49	528.41	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.10	504.14	503.15	502.80	0.31	ppb
Cadmium	106-1	505.26	506.34	502.56	504.72	0.38	ppb
Cadmium	108-1	503.99	502.93	505.05	503.99	0.21	ppb
Calcium	43-1	50690.66	51056.45	51161.78	50969.63	0.49	ppb
Calcium	44-1	49660.10	50435.48	50480.68	50192.09	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.75	483.26	499.82	497.61	2.69	ppb
Cobalt	59-2	505.35	484.95	496.08	495.46	2.06	ppb
Copper	63-2	5234.14	4985.31	5034.14	5084.53	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	26099.93	24699.38	25717.24	25505.52	2.84	ppb
Iron	57-2	24907.07	23836.13	24719.53	24487.58	2.34	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BS	Instrumnet Name :	P7
Client Sample ID :	PB135097BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:34:39	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25618.57	24372.60	25165.76	25052.31	2.52	ppb
Krypton	83-1						cps
Lead	206-1	2588.37	2612.55	2603.40	2601.44	0.47	ppb
Lead	207-1	2609.89	2577.37	2588.85	2592.04	0.64	ppb
Lead	208-1	2577.99	2586.70	2580.63	2581.77	0.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	50406.21	48704.78	49192.06	49434.35	1.77	ppb
Manganese	55-2	5127.48	4902.05	5082.04	5037.19	2.37	ppb
Molybdenum	94-1	2458.63	2507.33	2511.13	2492.36	1.17	ppb
Molybdenum	95-1	2467.02	2511.98	2489.41	2489.47	0.90	ppb
Molybdenum	96-1	2434.91	2522.08	2479.82	2478.94	1.76	ppb
Molybdenum	97-1	2351.55	2413.18	2391.34	2385.36	1.31	ppb
Molybdenum	98-1	2465.49	2524.25	2494.63	2494.79	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.04	489.10	494.56	496.90	1.85	ppb
Phosphorus	31-2	9961.81	9486.53	9911.28	9786.54	2.67	ppb
Potassium	39-2	25223.74	23912.33	25067.38	24734.48	2.90	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	488.24	500.31	497.39	495.31	1.27	ppb
Selenium	77-2	509.18	490.09	496.86	498.71	1.94	ppb
Selenium	78-2	500.88	489.30	502.13	497.44	1.42	ppb
Silicon	28-1	447.50	462.91	468.48	459.63	2.36	ppb
Silver	107-1	478.01	481.54	481.82	480.46	0.44	ppb
Silver	109-1	483.80	482.26	483.75	483.27	0.18	ppb
Sodium	23-2	50516.31	49100.86	49677.06	49764.74	1.43	ppb
Strontium	86-1	480.40	494.48	489.54	488.14	1.46	ppb
Strontium	88-1	492.33	509.88	507.39	503.20	1.89	ppb
Sulfur	34-1	8969.29	8989.01	8905.43	8954.58	0.49	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	492.57	506.08	502.41	500.35	1.40	ppb
Thallium	205-1	511.25	521.13	519.62	517.33	1.03	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BS	Instrumnet Name :	P7
Client Sample ID :	PB135097BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:34:39	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	499.43	503.21	512.11	504.92	1.29	ppb
Tin	118-1	496.56	498.26	496.73	497.18	0.19	ppb
Titanium	47-1	2486.66	2503.63	2512.16	2500.82	0.52	ppb
Uranium	238-1	496.04	504.45	506.87	502.45	1.13	ppb
Vanadium	51-2	505.17	483.32	496.25	494.92	2.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5043.85	4813.52	4990.49	4949.29	2.44	ppb
Zirconium	90-1	498.84	513.45	510.58	507.62	1.53	ppb
Zirconium	91-1	483.89	495.36	491.74	490.33	1.20	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48917.42	48765.17	48697.82	48793.47	0.23	ppb
Antimony	121-1	453.65	452.98	452.58	453.07	0.12	ppb
Arsenic	75-2	503.60	502.56	504.28	503.48	0.17	ppb
Barium	135-1	2269.85	2284.67	2289.92	2281.48	0.46	ppb
Barium	137-1	2501.68	2478.96	2515.06	2498.57	0.73	ppb
Beryllium	9-1	500.14	497.34	497.06	498.18	0.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	502.28	519.41	528.54	516.74	2.58	ppb
Boron	11-1	510.52	529.96	539.21	526.56	2.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	475.40	471.65	475.08	474.04	0.44	ppb
Cadmium	106-1	469.32	476.36	471.99	472.56	0.75	ppb
Cadmium	108-1	466.67	465.90	473.22	468.60	0.86	ppb
Calcium	43-1	248319.31	246910.03	247593.87	247607.74	0.28	ppb
Calcium	44-1	247213.52	245273.94	245885.99	246124.48	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.20	503.24	493.47	497.97	0.99	ppb
Cobalt	59-2	484.20	492.31	485.75	487.42	0.88	ppb
Copper	63-2	4772.07	4905.01	4909.46	4862.18	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	125496.04	126665.22	125828.43	125996.56	0.48	ppb
Iron	57-2	125143.71	127360.94	124972.88	125825.84	1.06	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125512.50	126000.66	124649.80	125387.65	0.55	ppb
Krypton	83-1						cps
Lead	206-1	2599.85	2579.08	2543.96	2574.30	1.10	ppb
Lead	207-1	2613.80	2591.80	2567.04	2590.88	0.90	ppb
Lead	208-1	2581.73	2582.36	2547.69	2570.59	0.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	251128.65	252198.96	253171.87	252166.49	0.41	ppb
Manganese	55-2	4996.59	5118.71	5041.83	5052.38	1.22	ppb
Molybdenum	94-1	2418.54	2442.04	2404.17	2421.58	0.79	ppb
Molybdenum	95-1	2425.65	2428.33	2436.14	2430.04	0.22	ppb
Molybdenum	96-1	2405.13	2423.36	2426.92	2418.47	0.48	ppb
Molybdenum	97-1	2308.60	2311.95	2289.24	2303.26	0.53	ppb
Molybdenum	98-1	2437.69	2457.89	2443.19	2446.26	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.03	492.34	482.70	482.69	2.00	ppb
Phosphorus	31-2	9969.05	9795.89	9637.19	9800.71	1.69	ppb
Potassium	39-2	123107.89	123711.75	124375.60	123731.75	0.51	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	82-1	475.01	472.10	470.90	472.67	0.45	ppb
Selenium	77-2	493.70	497.54	508.65	499.96	1.55	ppb
Selenium	78-2	493.93	503.88	495.87	497.90	1.06	ppb
Silicon	28-1	535.84	575.88	598.90	570.21	5.60	ppb
Silver	107-1	486.42	493.68	490.66	490.25	0.74	ppb
Silver	109-1	488.72	633.73	478.41	533.62	16.28	ppb
Sodium	23-2	252374.09	251118.74	250756.65	251416.49	0.34	ppb
Strontium	86-1	454.12	453.34	451.55	453.00	0.29	ppb
Strontium	88-1	475.12	477.18	469.26	473.85	0.87	ppb
Sulfur	34-1	8550.16	8413.17	8378.89	8447.41	1.07	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	502.77	501.81	498.90	501.16	0.40	ppb
Thallium	205-1	519.69	514.79	511.24	515.24	0.82	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	513.19	511.63	505.27	510.03	0.82	ppb
Tin	118-1	473.58	471.47	473.38	472.81	0.25	ppb
Titanium	47-1	2446.11	2447.06	2437.52	2443.56	0.22	ppb
Uranium	238-1	488.36	488.46	481.47	486.10	0.82	ppb
Vanadium	51-2	500.92	508.46	501.49	503.62	0.83	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	4775.31	4806.08	4737.84	4773.08	0.72	ppb
Zirconium	90-1	458.17	458.40	455.69	457.42	0.33	ppb
Zirconium	91-1	470.67	470.55	467.06	469.43	0.44	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:57:58	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.64	1.69	0.62	1.32	45.81	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	12.34	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	40.07	ppb
Barium	135-1	0.13	0.14	0.09	0.12	22.07	ppb
Barium	137-1	0.07	0.06	0.10	0.08	29.18	ppb
Beryllium	9-1	0.07	0.11	0.08	0.09	25.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				110		%
Boron	10-1	10.76	10.30	9.14	10.07	8.27	ppb
Boron	11-1	9.43	8.78	9.68	9.30	4.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	-0.01	-0.02	0.00	83966.15	ppb
Cadmium	106-1	-1.48	-2.12	-1.52	-1.70		ppb
Cadmium	108-1	-0.09	0.04	0.01	-0.01		ppb
Calcium	43-1	12.57	4.42	6.12	7.70	55.85	ppb
Calcium	44-1	17.75	13.00	12.06	14.27	21.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.07	-0.05		ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	68.34	ppb
Copper	63-2	0.08	0.08	0.03	0.06	49.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				121		%
Indium	115-1				92		%
Indium	115-2				108		%
Iron	56-2	3.96	3.48	2.30	3.25	26.30	ppb
Iron	57-2	1.09	3.06	1.15	1.77	63.41	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:57:58	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.13	2.58	0.98	2.56	61.58	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.43	0.40	0.44	7.96	ppb
Lead	207-1	0.51	0.45	0.40	0.45	12.48	ppb
Lead	208-1	0.47	0.43	0.41	0.43	6.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	8.30	9.10	6.43	7.94	17.26	ppb
Manganese	55-2	0.15	0.16	0.13	0.15	12.12	ppb
Molybdenum	94-1	0.13	0.14	0.15	0.14	8.11	ppb
Molybdenum	95-1	0.14	0.15	0.14	0.14	3.13	ppb
Molybdenum	96-1	0.16	0.15	0.15	0.15	5.65	ppb
Molybdenum	97-1	0.10	0.09	0.10	0.10	5.83	ppb
Molybdenum	98-1	0.19	0.16	0.13	0.16	16.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.05	-0.02		ppb
Phosphorus	31-2	-42.73	-33.55	-42.27	-39.52		ppb
Potassium	39-2	33.95	15.40	-27.03	7.44	420.05	ppb
Rhodium	103-1				91		%
Rhodium	103-2				108		%
Scandium	45-1				88		%
Scandium	45-2				106		%
Selenium	82-1	2.35	-1.76	1.38	0.66	327.03	ppb
Selenium	77-2	0.38	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-0.67	-0.62	-1.43	-0.91		ppb
Silicon	28-1	3.47	-15.24	-16.44	-9.40		ppb
Silver	107-1	0.07	0.04	0.02	0.04	58.83	ppb
Silver	109-1	0.06	0.04	0.04	0.05	32.19	ppb
Sodium	23-2	77.67	70.93	52.30	66.97	19.62	ppb
Strontium	86-1	0.44	0.19	0.22	0.28	48.55	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.82	ppb
Sulfur	34-1	417.97	-1452.23	-1672.24	-902.17		ppb
Terbium	159-1				98		%
Terbium	159-2				120		%
Thallium	203-1	0.06	0.05	0.08	0.06	21.02	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	7.93	ppb

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:57:58	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.03	0.03	11.68	ppb
Tin	118-1	-0.01	0.01	0.02	0.01	185.60	ppb
Titanium	47-1	0.17	0.07	0.08	0.11	50.39	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	9.64	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	54.10	ppb
Yttrium	89-1				95		%
Yttrium	89-2				109		%
Zinc	66-2	0.52	0.46	0.31	0.43	24.20	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	13.96	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	41.42	ppb

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 16:50:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	192	250	239	17.90	cps
Antimony	121-1	183	225	192	200	11.02	cps
Arsenic	75-2	22	30	22	25	17.33	cps
Barium	135-1	8	17	50	25	88.19	cps
Barium	137-1	75	100	58	78	26.97	cps
Beryllium	9-1	106	122	144	124	15.72	cps
Bismuth	209-1	4634863	4689173	4704791	4676275	0.78	cps
Bismuth	209-2	3313606	3273921	3258446	3281991	0.87	cps
Boron	10-1	417	450	550	472	14.69	cps
Boron	11-1	2017	2334	2467	2272	10.17	cps
Bromine	81-1	6527	6293	6543	6454	2.17	cps
Bromine	81-2	120	90	100	103	14.78	cps
Cadmium	111-1	888	824	782	831	6.44	cps
Cadmium	106-1	4359	4301	4026	4229	4.21	cps
Cadmium	108-1	96	171	200	156	34.55	cps
Calcium	43-1	342	250	233	275	21.21	cps
Calcium	44-1	13156	13181	13281	13206	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1183	1160	1293	1212	5.87	cps
Cobalt	59-2	200	227	177	201	12.44	cps
Copper	63-2	1653	1597	1717	1656	3.63	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	67	25	67	53	45.58	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	73	60	93	76	22.20	cps
Holmium	165-1	7851552	7978444	7911219	7913738	0.80	cps
Holmium	165-2	4841850	4793521	4777587	4804320	0.70	cps
Indium	115-1	5562075	5644788	5667706	5624856	0.99	cps
Indium	115-2	1860975	1847029	1839122	1849042	0.60	cps
Iron	56-2	9687	9236	9147	9357	3.09	cps
Iron	57-2	439	361	356	385	12.10	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:50:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1592	1442	1582	1538	5.46	cps
Krypton	83-1	4354	4207	4021	4194	3.98	cps
Lead	206-1	800	700	717	739	7.25	cps
Lead	207-1	611	611	456	559	16.06	cps
Lead	208-1	2934	2861	2667	2821	4.89	cps
Lithium	6-1	1622048	1617700	1640941	1626896	0.76	cps
Magnesium	24-2	750	733	633	706	8.94	cps
Manganese	55-2	177	143	173	164	11.16	cps
Molybdenum	94-1	192	275	250	239	17.90	cps
Molybdenum	95-1	108	117	125	117	7.14	cps
Molybdenum	96-1	283	233	325	281	16.36	cps
Molybdenum	97-1	167	133	100	133	25.00	cps
Molybdenum	98-1	167	325	217	236	34.28	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	130	83	133	116	24.20	cps
Phosphorus	31-2	783	775	850	803	5.12	cps
Potassium	39-2	82487	82763	84405	83218	1.25	cps
Rhodium	103-1	5476361	5522177	5550222	5516253	0.68	cps
Rhodium	103-2	3422502	3424556	3394078	3413712	0.50	cps
Scandium	45-1	4156621	4204886	4198767	4186758	0.63	cps
Scandium	45-2	345459	344682	345930	345357	0.18	cps
Selenium	82-1	1563	1465	1449	1492	4.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	159	181	174	172	6.59	cps
Silicon	28-1	794720	798823	797943	797162	0.27	cps
Silver	107-1	100	92	67	86	20.14	cps
Silver	109-1	0	58	33	31	95.79	cps
Sodium	23-2	21583	22884	21983	22150	3.01	cps
Strontium	86-1	6610	6276	5960	6282	5.18	cps
Strontium	88-1	267	458	392	372	26.14	cps
Sulfur	34-1	595587	598338	599581	597835	0.34	cps
Terbium	159-1	8033867	8059796	8089983	8061215	0.35	cps
Terbium	159-2	4879553	4833829	4801431	4838271	0.81	cps
Thallium	203-1	783	692	800	758	7.69	cps
Thallium	205-1	1934	1909	1942	1928	0.90	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:50:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	600	517	461	526	13.29	cps
Tin	118-1	708	617	683	669	7.08	cps
Titanium	47-1	92	150	100	114	27.70	cps
Uranium	238-1	317	400	292	336	16.88	cps
Vanadium	51-2	37	23	53	38	39.79	cps
Yttrium	89-1	10106669	10229358	10362285	10232771	1.25	cps
Yttrium	89-2	2456508	2436407	2449095	2447337	0.42	cps
Zinc	66-2	160	87	167	138	32.22	cps
Zirconium	90-1	383	483	375	414	14.57	cps
Zirconium	91-1	92	67	125	94	30.98	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 16:56:55 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3134	3034	3134	3100	1.86	cps
Antimony	121-1	12106	12156	12789	12350	3.09	cps
Arsenic	75-2	400	452	402	418	7.04	cps
Barium	135-1	14466	14675	14575	14572	0.72	cps
Barium	137-1	24781	24480	26025	25095	3.26	cps
Beryllium	9-1	1439	1600	1550	1530	5.39	cps
Bismuth	209-1	4758401	4591078	4654581	4668020	1.81	cps
Bismuth	209-2	3361590	3359266	3376848	3365901	0.28	cps
Boron	10-1	4542	4843	5268	4884	7.46	cps
Boron	11-1	22083	23861	23143	23029	3.88	cps
Bromine	81-1	6293	5618	6185	6032	6.01	cps
Bromine	81-2	60	90	50	67	31.22	cps
Cadmium	111-1	2444	2244	2367	2352	4.29	cps
Cadmium	106-1	4859	4292	4467	4540	6.39	cps
Cadmium	108-1	242	342	300	294	17.06	cps
Calcium	43-1	10254	10738	10371	10454	2.41	cps
Calcium	44-1	175849	179754	180015	178539	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7872	7832	7909	7871	0.49	cps
Cobalt	59-2	5111	5114	4964	5063	1.69	cps
Copper	63-2	7969	7949	7812	7910	1.08	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	75	17	25	39	81.12	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	67	67	58	64	7.54	cps
Gadolinium	160-2	47	40	97	61	50.68	cps
Holmium	165-1	7949762	7809752	7867147	7875554	0.89	cps
Holmium	165-2	4868942	4922040	4929872	4906951	0.68	cps
Indium	115-1	5742586	5567641	5579100	5629776	1.74	cps
Indium	115-2	1898934	1896845	1891833	1895871	0.19	cps
Iron	56-2	150433	149068	149332	149611	0.48	cps
Iron	57-2	3812	3673	3762	3749	1.88	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:56:55	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9583	9673	9202	9486	2.63	cps
Krypton	83-1	4294	4261	4471	4342	2.60	cps
Lead	206-1	5123	5240	5629	5331	4.97	cps
Lead	207-1	4645	4784	5045	4825	4.21	cps
Lead	208-1	20801	21546	21790	21379	2.41	cps
Lithium	6-1	1659598	1624600	1622158	1635452	1.28	cps
Magnesium	24-2	148174	148343	145820	147446	0.96	cps
Manganese	55-2	2364	2307	2184	2285	4.03	cps
Molybdenum	94-1	12756	13648	13507	13304	3.60	cps
Molybdenum	95-1	16493	15859	16902	16418	3.20	cps
Molybdenum	96-1	16952	17995	17570	17506	3.00	cps
Molybdenum	97-1	10146	10237	10629	10337	2.48	cps
Molybdenum	98-1	24989	25573	25774	25445	1.60	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1337	1447	1453	1412	4.64	cps
Phosphorus	31-2	842	917	825	861	5.67	cps
Potassium	39-2	242439	244354	243432	243408	0.39	cps
Rhodium	103-1	5632067	5438531	5461974	5510857	1.92	cps
Rhodium	103-2	3492625	3493152	3496481	3494086	0.06	cps
Scandium	45-1	4287093	4134871	4155528	4192497	1.97	cps
Scandium	45-2	352327	353706	353291	353108	0.20	cps
Selenium	82-1	1887	2073	1939	1967	4.88	cps
Selenium	77-2	60	60	37	52	25.79	cps
Selenium	78-2	283	319	369	323	13.23	cps
Silicon	28-1	785696	771023	766124	774281	1.32	cps
Silver	107-1	7819	7919	7744	7827	1.12	cps
Silver	109-1	7536	7185	7160	7294	2.88	cps
Sodium	23-2	272115	277828	276055	275333	1.06	cps
Strontium	86-1	8536	8886	9136	8853	3.41	cps
Strontium	88-1	17945	17236	17795	17658	2.12	cps
Sulfur	34-1	605011	605055	605667	605244	0.06	cps
Terbium	159-1	8260157	7966315	8007542	8078005	1.97	cps
Terbium	159-2	4955950	4946636	4991531	4964705	0.48	cps
Thallium	203-1	6002	6410	6310	6241	3.41	cps
Thallium	205-1	15226	15101	15785	15370	2.37	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:56:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	478	500	511	496	3.42	cps
Tin	118-1	25507	24463	25565	25179	2.46	cps
Titanium	47-1	5076	4959	4626	4887	4.78	cps
Uranium	238-1	20066	18839	19598	19501	3.18	cps
Vanadium	51-2	14184	14160	14150	14165	0.12	cps
Yttrium	89-1	10490109	10118423	10254952	10287828	1.83	cps
Yttrium	89-2	2516655	2513559	2514050	2514755	0.07	cps
Zinc	66-2	1427	1373	1190	1330	9.33	cps
Zirconium	90-1	10988	10863	11497	11116	3.02	cps
Zirconium	91-1	2625	2334	2500	2486	5.89	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:59:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140965	139166	137030	139054	1.42	cps
Antimony	121-1	319999	319413	316089	318500	0.66	cps
Arsenic	75-2	19046	18634	18137	18606	2.45	cps
Barium	135-1	374379	374843	370163	373128	0.69	cps
Barium	137-1	645177	655174	649783	650045	0.77	cps
Beryllium	9-1	75615	75704	75397	75572	0.21	cps
Bismuth	209-1	4740300	4733420	4753781	4742500	0.22	cps
Bismuth	209-2	3391701	3328073	3307277	3342350	1.32	cps
Boron	10-1	8436	8869	9745	9017	7.40	cps
Boron	11-1	39911	43396	44415	42574	5.55	cps
Bromine	81-1	6368	6035	6243	6215	2.71	cps
Bromine	81-2	80	50	60	63	24.12	cps
Cadmium	111-1	76906	78197	77255	77453	0.86	cps
Cadmium	106-1	13565	13365	13482	13471	0.75	cps
Cadmium	108-1	6510	6506	6389	6468	1.06	cps
Calcium	43-1	107555	106691	107008	107085	0.41	cps
Calcium	44-1	1715982	1728517	1718642	1721047	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163170	158865	159410	160482	1.46	cps
Cobalt	59-2	238201	234124	229408	233911	1.88	cps
Copper	63-2	1570734	1547440	1528506	1548894	1.37	cps
Dysprosium	156-1	33	42	58	44	28.64	cps
Dysprosium	156-2	30	17	20	22	31.22	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	23	43	17	28	49.95	cps
Gadolinium	160-1	100	92	92	94	5.09	cps
Gadolinium	160-2	67	83	93	81	16.61	cps
Holmium	165-1	8007436	7997611	8099734	8034927	0.70	cps
Holmium	165-2	4950106	4870004	4852586	4890899	1.06	cps
Indium	115-1	5718785	5703794	5637280	5686619	0.76	cps
Indium	115-2	1885159	1863707	1856746	1868538	0.79	cps
Iron	56-2	7082590	7003625	7018618	7034944	0.60	cps
Iron	57-2	175140	173853	168667	172553	1.99	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 16:59:59 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	394196	389846	381713	388585	1.63	cps
Krypton	83-1	4004	4357	4144	4168	4.27	cps
Lead	206-1	1187067	1183532	1168634	1179744	0.83	cps
Lead	207-1	1078432	1087603	1068428	1078154	0.89	cps
Lead	208-1	4829434	4850397	4789123	4822985	0.65	cps
Lithium	6-1	1647552	1656999	1645150	1649901	0.38	cps
Magnesium	24-2	1487541	1475657	1449039	1470745	1.34	cps
Manganese	55-2	1078988	1054467	1057326	1063594	1.26	cps
Molybdenum	94-1	685658	695238	689328	690074	0.70	cps
Molybdenum	95-1	850390	862038	853817	855415	0.70	cps
Molybdenum	96-1	931461	942529	947268	940419	0.86	cps
Molybdenum	97-1	528496	528791	531616	529634	0.33	cps
Molybdenum	98-1	1353559	1383047	1358980	1365195	1.15	cps
Neodymium	150-1	33	33	33	33	0.00	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	61418	60905	60133	60819	1.06	cps
Phosphorus	31-2	9170	8444	8478	8697	4.71	cps
Potassium	39-2	893860	883929	881801	886530	0.73	cps
Rhodium	103-1	5623521	5620954	5564827	5603101	0.59	cps
Rhodium	103-2	3446932	3433948	3400328	3427069	0.70	cps
Scandium	45-1	4278655	4212505	4239781	4243647	0.78	cps
Scandium	45-2	344698	346887	341597	344394	0.77	cps
Selenium	82-1	7033	6793	6619	6815	3.05	cps
Selenium	77-2	490	520	433	481	9.15	cps
Selenium	78-2	1730	1761	1741	1744	0.92	cps
Silicon	28-1	979223	989095	1001359	989892	1.12	cps
Silver	107-1	390221	399742	392560	394174	1.26	cps
Silver	109-1	371103	382269	380208	377860	1.57	cps
Sodium	23-2	2563089	2519878	2499724	2527564	1.28	cps
Strontium	86-1	109414	111236	109993	110214	0.84	cps
Strontium	88-1	887527	901885	900271	896561	0.88	cps
Sulfur	34-1	649029	652341	654022	651797	0.39	cps
Terbium	159-1	8240014	8294748	8418596	8317786	1.10	cps
Terbium	159-2	5008815	4941048	4910301	4953388	1.02	cps
Thallium	203-1	287705	288408	284984	287032	0.63	cps
Thallium	205-1	693208	692826	683139	689724	0.83	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 16:59:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1028858	1036106	1031152	1032038	0.36	cps
Tin	118-1	243313	248451	245339	245701	1.05	cps
Titanium	47-1	246510	242822	246856	245396	0.91	cps
Uranium	238-1	963696	984770	974153	974207	1.08	cps
Vanadium	51-2	136745	134496	133732	134991	1.16	cps
Yttrium	89-1	10569499	10524897	10416945	10503781	0.75	cps
Yttrium	89-2	2503949	2477999	2461306	2481085	0.87	cps
Zinc	66-2	271606	265619	263349	266858	1.60	cps
Zirconium	90-1	555284	559421	557870	557525	0.37	cps
Zirconium	91-1	123217	124151	124772	124047	0.63	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:03:05 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	335770	333936	330183	333296	0.85	cps
Antimony	121-1	779754	802187	793630	791857	1.43	cps
Arsenic	75-2	45172	44482	44547	44734	0.85	cps
Barium	135-1	917775	928768	924420	923655	0.60	cps
Barium	137-1	1600847	1610792	1595706	1602448	0.48	cps
Beryllium	9-1	183735	186518	184708	184987	0.76	cps
Bismuth	209-1	4883448	4833916	4773945	4830436	1.14	cps
Bismuth	209-2	3353562	3365310	3318027	3345633	0.74	cps
Boron	10-1	20005	20765	21299	20690	3.14	cps
Boron	11-1	91334	99667	102251	97751	5.84	cps
Bromine	81-1	6035	5601	6151	5929	4.89	cps
Bromine	81-2	40	50	60	50	20.00	cps
Cadmium	111-1	188059	193882	189380	190440	1.60	cps
Cadmium	106-1	26776	27085	26559	26807	0.99	cps
Cadmium	108-1	15379	15730	15717	15609	1.27	cps
Calcium	43-1	257937	261370	258742	259350	0.69	cps
Calcium	44-1	4175105	4243538	4177016	4198553	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382612	383029	378342	381328	0.68	cps
Cobalt	59-2	564815	567386	562286	564829	0.45	cps
Copper	63-2	3706496	3714339	3707866	3709567	0.11	cps
Dysprosium	156-1	92	125	75	97	26.19	cps
Dysprosium	156-2	43	53	47	48	10.66	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	33	10	40	28	56.71	cps
Gadolinium	160-1	117	75	67	86	31.11	cps
Gadolinium	160-2	97	97	110	101	7.61	cps
Holmium	165-1	8341695	8171080	8061039	8191271	1.73	cps
Holmium	165-2	4977865	4919172	4910241	4935759	0.74	cps
Indium	115-1	5778887	5707048	5679865	5721933	0.89	cps
Indium	115-2	1850637	1843642	1828741	1841006	0.61	cps
Iron	56-2	17113906	16979633	16878521	16990687	0.69	cps
Iron	57-2	413138	412537	409473	411716	0.48	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:03:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	945528	943013	935766	941436	0.54	cps
Krypton	83-1	3961	4111	4037	4036	1.86	cps
Lead	206-1	2951066	2974322	2979911	2968433	0.52	cps
Lead	207-1	2678562	2686785	2713584	2692977	0.68	cps
Lead	208-1	13041878	13075667	13171137	13096227	0.51	cps
Lithium	6-1	1694500	1675996	1643765	1671421	1.54	cps
Magnesium	24-2	3544746	3542567	3501793	3529702	0.69	cps
Manganese	55-2	2572049	2573147	2553222	2566140	0.44	cps
Molybdenum	94-1	1673205	1708859	1682139	1688068	1.10	cps
Molybdenum	95-1	2092083	2136105	2093548	2107245	1.19	cps
Molybdenum	96-1	2295451	2330516	2288869	2304945	0.97	cps
Molybdenum	97-1	1291693	1307599	1292295	1297195	0.69	cps
Molybdenum	98-1	3303913	3380305	3337750	3340656	1.15	cps
Neodymium	150-1	120	113	100	111	9.17	cps
Neodymium	150-2	33	27	10	23	51.50	cps
Nickel	60-2	145587	145651	144786	145341	0.33	cps
Phosphorus	31-2	20147	19488	20598	20078	2.78	cps
Potassium	39-2	2042083	2032271	2005581	2026645	0.93	cps
Rhodium	103-1	5627584	5529165	5472803	5543184	1.41	cps
Rhodium	103-2	3366381	3400434	3370399	3379072	0.55	cps
Scandium	45-1	4294328	4182208	4159611	4212049	1.71	cps
Scandium	45-2	340852	338554	336569	338658	0.63	cps
Selenium	82-1	14471	14310	14422	14401	0.58	cps
Selenium	77-2	1153	1183	1090	1142	4.17	cps
Selenium	78-2	3964	3960	3958	3960	0.07	cps
Silicon	28-1	1337755	1370319	1369013	1359029	1.36	cps
Silver	107-1	962370	978402	961188	967320	0.99	cps
Silver	109-1	913780	931128	909490	918133	1.25	cps
Sodium	23-2	5851410	5894428	5857046	5867628	0.40	cps
Strontium	86-1	261583	260549	255212	259115	1.32	cps
Strontium	88-1	2190447	2191965	2186666	2189693	0.12	cps
Sulfur	34-1	688755	692175	683097	688009	0.67	cps
Terbium	159-1	8510628	8419684	8402379	8444230	0.69	cps
Terbium	159-2	4947576	4954246	4911914	4937912	0.46	cps
Thallium	203-1	717756	731790	719800	723115	1.05	cps
Thallium	205-1	1728916	1748639	1730105	1735887	0.64	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:03:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2620582	2663795	2632405	2638927	0.85	cps
Tin	118-1	602732	621609	606706	610349	1.63	cps
Titanium	47-1	587535	600163	599434	595711	1.19	cps
Uranium	238-1	2463598	2511285	2485320	2486735	0.96	cps
Vanadium	51-2	328857	324988	321163	325003	1.18	cps
Yttrium	89-1	10809367	10380347	10370517	10520077	2.38	cps
Yttrium	89-2	2427295	2444805	2410011	2427370	0.72	cps
Zinc	66-2	647096	650508	637540	645048	1.04	cps
Zirconium	90-1	1375749	1385836	1366494	1376026	0.70	cps
Zirconium	91-1	304029	312102	302767	306299	1.65	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:06:09 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624297	621559	622825	622894	0.22	cps
Antimony	121-1	1532025	1555518	1552828	1546790	0.83	cps
Arsenic	75-2	84702	83996	83450	84049	0.75	cps
Barium	135-1	1783323	1794586	1801505	1793138	0.51	cps
Barium	137-1	3115621	3122225	3138562	3125469	0.38	cps
Beryllium	9-1	359560	358782	355778	358040	0.56	cps
Bismuth	209-1	4724657	4723375	4717155	4721729	0.08	cps
Bismuth	209-2	3208701	3233507	3228588	3223598	0.41	cps
Boron	10-1	37939	39811	40822	39524	3.70	cps
Boron	11-1	177293	189091	193040	186474	4.39	cps
Bromine	81-1	5751	6026	5476	5751	4.78	cps
Bromine	81-2	60	40	20	40	50.00	cps
Cadmium	111-1	364974	369257	366667	366966	0.59	cps
Cadmium	106-1	49110	48575	48258	48648	0.89	cps
Cadmium	108-1	30153	30650	30454	30419	0.82	cps
Calcium	43-1	496151	495765	496819	496245	0.11	cps
Calcium	44-1	7681863	7613338	7636978	7644060	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	715314	720740	707595	714550	0.92	cps
Cobalt	59-2	1049514	1049371	1049749	1049545	0.02	cps
Copper	63-2	7482694	7402746	7449656	7445032	0.54	cps
Dysprosium	156-1	125	133	183	147	21.43	cps
Dysprosium	156-2	97	77	67	80	19.09	cps
Erbium	164-1	50	133	108	97	43.99	cps
Erbium	164-2	37	23	33	31	22.31	cps
Gadolinium	160-1	192	183	217	197	8.79	cps
Gadolinium	160-2	153	120	137	137	12.20	cps
Holmium	165-1	8243110	8010480	8007522	8087037	1.67	cps
Holmium	165-2	4752233	4769573	4700588	4740798	0.76	cps
Indium	115-1	5573218	5482506	5476299	5510674	0.98	cps
Indium	115-2	1734766	1726963	1726551	1729427	0.27	cps
Iron	56-2	32040982	31826988	31721803	31863258	0.51	cps
Iron	57-2	776715	781048	767716	775160	0.88	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:06:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1768164	1765304	1753102	1762190	0.45	cps
Krypton	83-1	4067	3974	4127	4056	1.91	cps
Lead	206-1	5841850	5915194	5968854	5908633	1.08	cps
Lead	207-1	5308695	5347299	5450398	5368797	1.36	cps
Lead	208-1	25507639	25850927	26316211	25891592	1.57	cps
Lithium	6-1	1644346	1622389	1630257	1632330	0.68	cps
Magnesium	24-2	6490831	6582673	6571080	6548195	0.76	cps
Manganese	55-2	4851016	4809839	4833003	4831286	0.43	cps
Molybdenum	94-1	3262402	3310118	3266732	3279751	0.80	cps
Molybdenum	95-1	4010345	4066270	4050618	4042411	0.71	cps
Molybdenum	96-1	4396798	4453747	4466423	4438989	0.84	cps
Molybdenum	97-1	2488602	2509905	2515001	2504503	0.56	cps
Molybdenum	98-1	6559421	6679267	6675430	6638039	1.03	cps
Neodymium	150-1	200	200	153	184	14.61	cps
Neodymium	150-2	30	27	33	30	11.10	cps
Nickel	60-2	270843	269688	268878	269803	0.37	cps
Phosphorus	31-2	35367	36479	36361	36069	1.69	cps
Potassium	39-2	3678278	3692257	3673307	3681280	0.27	cps
Rhodium	103-1	5334492	5271093	5269946	5291844	0.70	cps
Rhodium	103-2	3184937	3173818	3177372	3178709	0.18	cps
Scandium	45-1	4052415	3955356	3977658	3995143	1.27	cps
Scandium	45-2	317093	315815	316743	316550	0.21	cps
Selenium	82-1	25816	26121	26279	26072	0.90	cps
Selenium	77-2	1987	2260	2094	2114	6.52	cps
Selenium	78-2	7317	7313	7020	7217	2.36	cps
Silicon	28-1	1892983	1929287	1944619	1922296	1.38	cps
Silver	107-1	1861295	1865753	1874266	1867105	0.35	cps
Silver	109-1	1762467	1771846	1752617	1762310	0.55	cps
Sodium	23-2	10939395	11019879	10985415	10981563	0.37	cps
Strontium	86-1	493263	489736	493997	492332	0.46	cps
Strontium	88-1	4245882	4241185	4231512	4239527	0.17	cps
Sulfur	34-1	738258	733125	724322	731902	0.96	cps
Terbium	159-1	8270789	8193405	8162452	8208882	0.68	cps
Terbium	159-2	4753323	4769018	4718646	4746996	0.54	cps
Thallium	203-1	1409831	1418069	1440770	1422890	1.13	cps
Thallium	205-1	3365557	3478528	3508010	3450698	2.18	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:06:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5276796	5381009	5369484	5342430	1.07	cps
Tin	118-1	1187754	1189630	1190166	1189184	0.11	cps
Titanium	47-1	1133391	1134346	1125958	1131232	0.41	cps
Uranium	238-1	4968543	5007240	5049001	5008261	0.80	cps
Vanadium	51-2	608568	613085	604218	608624	0.73	cps
Yttrium	89-1	10355275	10005467	9977834	10112859	2.08	cps
Yttrium	89-2	2289810	2290282	2291154	2290416	0.03	cps
Zinc	66-2	1213499	1209025	1199198	1207240	0.61	cps
Zirconium	90-1	2647826	2655478	2636527	2646611	0.36	cps
Zirconium	91-1	593354	591233	584379	589656	0.80	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:09:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1196925	1199429	1198134	1198163	0.10	cps
Antimony	121-1	2938905	2979824	2991241	2969990	0.93	cps
Arsenic	75-2	162319	162784	161806	162303	0.30	cps
Barium	135-1	3433793	3475271	3449794	3452953	0.61	cps
Barium	137-1	6595028	6459166	6553305	6535833	1.06	cps
Beryllium	9-1	679937	679074	678875	679295	0.08	cps
Bismuth	209-1	4581877	4559195	4622044	4587705	0.69	cps
Bismuth	209-2	3169129	3191334	3190120	3183528	0.39	cps
Boron	10-1	72331	74215	77046	74531	3.18	cps
Boron	11-1	337391	355100	364880	352457	3.95	cps
Bromine	81-1	5593	5376	5726	5565	3.17	cps
Bromine	81-2	60	60	20	47	49.49	cps
Cadmium	111-1	691651	694550	696123	694108	0.33	cps
Cadmium	106-1	86630	87837	86504	86990	0.85	cps
Cadmium	108-1	58449	58402	57340	58064	1.08	cps
Calcium	43-1	919460	921754	925141	922118	0.31	cps
Calcium	44-1	14131546	14300179	14166348	14199358	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1381048	1374948	1364993	1373663	0.59	cps
Cobalt	59-2	2008672	2007227	1997252	2004384	0.31	cps
Copper	63-2	14093036	14065698	14141214	14099983	0.27	cps
Dysprosium	156-1	175	200	225	200	12.50	cps
Dysprosium	156-2	167	163	200	177	11.47	cps
Erbium	164-1	150	92	75	106	37.31	cps
Erbium	164-2	33	63	63	53	32.48	cps
Gadolinium	160-1	292	350	333	325	9.25	cps
Gadolinium	160-2	197	230	187	204	11.10	cps
Holmium	165-1	7850092	7877860	7792318	7840090	0.56	cps
Holmium	165-2	4732069	4706092	4656633	4698265	0.82	cps
Indium	115-1	5240457	5227505	5206964	5224975	0.32	cps
Indium	115-2	1665089	1670029	1670765	1668628	0.18	cps
Iron	56-2	61880204	60961496	61495861	61445854	0.75	cps
Iron	57-2	1489954	1485241	1493220	1489472	0.27	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:09:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3419665	3402750	3372001	3398139	0.71	cps
Krypton	83-1	3947	4004	3821	3924	2.39	cps
Lead	206-1	13212862	13135974	13248057	13198965	0.43	cps
Lead	207-1	12102782	11979505	12139862	12074050	0.70	cps
Lead	208-1	53680206	53739529	54321127	53913621	0.66	cps
Lithium	6-1	1573261	1558815	1583725	1571934	0.80	cps
Magnesium	24-2	12607461	12471485	12451851	12510266	0.68	cps
Manganese	55-2	9692982	9636971	9582244	9637399	0.57	cps
Molybdenum	94-1	6398777	6388180	6437028	6407995	0.40	cps
Molybdenum	95-1	7846513	7922874	8014635	7928007	1.06	cps
Molybdenum	96-1	8612810	8667992	8778905	8686569	0.97	cps
Molybdenum	97-1	4728759	4761987	4789368	4760038	0.64	cps
Molybdenum	98-1	12498219	12558816	12460848	12505961	0.40	cps
Neodymium	150-1	407	393	313	371	13.60	cps
Neodymium	150-2	103	80	60	81	26.74	cps
Nickel	60-2	516008	514103	512674	514262	0.33	cps
Phosphorus	31-2	68306	68783	69236	68775	0.68	cps
Potassium	39-2	6830296	6818893	6842991	6830727	0.18	cps
Rhodium	103-1	5017457	4965432	4954461	4979117	0.68	cps
Rhodium	103-2	3064137	3042841	3065203	3057393	0.41	cps
Scandium	45-1	3747720	3701615	3700028	3716455	0.73	cps
Scandium	45-2	304317	305143	302769	304076	0.40	cps
Selenium	82-1	48856	48410	47788	48351	1.11	cps
Selenium	77-2	4261	4041	4057	4120	2.97	cps
Selenium	78-2	14085	13788	13840	13904	1.14	cps
Silicon	28-1	2883532	2979327	2997198	2953352	2.07	cps
Silver	107-1	3508777	3513833	3502225	3508278	0.17	cps
Silver	109-1	3350734	3360259	3334373	3348456	0.39	cps
Sodium	23-2	21157483	20937546	21181172	21092067	0.64	cps
Strontium	86-1	922021	926700	932563	927095	0.57	cps
Strontium	88-1	8332332	8459239	8364494	8385355	0.79	cps
Sulfur	34-1	838026	821273	814671	824657	1.46	cps
Terbium	159-1	7990979	8016534	8011732	8006415	0.17	cps
Terbium	159-2	4708117	4738040	4678498	4708219	0.63	cps
Thallium	203-1	2792158	2800441	2784700	2792433	0.28	cps
Thallium	205-1	7587039	7629376	7691176	7635863	0.69	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:09:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12082211	12413067	12545741	12347006	1.93	cps
Tin	118-1	2243923	2272689	2262701	2259771	0.65	cps
Titanium	47-1	2119470	2104553	2103608	2109210	0.42	cps
Uranium	238-1	11411532	11399201	11523845	11444859	0.60	cps
Vanadium	51-2	1183724	1173746	1164088	1173853	0.84	cps
Yttrium	89-1	9492752	9472130	9581859	9515580	0.61	cps
Yttrium	89-2	2217249	2231491	2212784	2220508	0.44	cps
Zinc	66-2	2308117	2321618	2301399	2310378	0.45	cps
Zirconium	90-1	5021302	5040941	5063376	5041873	0.42	cps
Zirconium	91-1	1120617	1130454	1123264	1124778	0.45	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:12:07 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2420196	2417964	2365436	2401199	1.29	cps
Antimony	121-1	6456766	6444739	6486198	6462568	0.33	cps
Arsenic	75-2	327111	323495	323357	324655	0.66	cps
Barium	135-1	7552375	7604786	7621891	7593018	0.48	cps
Barium	137-1	13038290	13219457	13175781	13144509	0.72	cps
Beryllium	9-1	1345308	1338255	1348401	1343988	0.39	cps
Bismuth	209-1	4536592	4619585	4647757	4601311	1.26	cps
Bismuth	209-2	3222953	3276548	3261116	3253539	0.85	cps
Boron	10-1	144634	150506	156121	150420	3.82	cps
Boron	11-1	683470	707884	731926	707760	3.42	cps
Bromine	81-1	5243	5643	5159	5348	4.83	cps
Bromine	81-2	40	10	100	50	91.65	cps
Cadmium	111-1	1381457	1377825	1390740	1383341	0.48	cps
Cadmium	106-1	168784	167047	169343	168391	0.71	cps
Cadmium	108-1	114271	113251	114052	113858	0.47	cps
Calcium	43-1	1832033	1807677	1813026	1817579	0.70	cps
Calcium	44-1	28206021	27896718	28110981	28071240	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2749167	2734024	2729268	2737486	0.38	cps
Cobalt	59-2	3995332	3997364	3966355	3986350	0.44	cps
Copper	63-2	28015596	27991690	28003835	28003707	0.04	cps
Dysprosium	156-1	458	450	342	417	15.62	cps
Dysprosium	156-2	367	377	323	356	7.97	cps
Erbium	164-1	100	150	100	117	24.74	cps
Erbium	164-2	77	47	100	74	35.91	cps
Gadolinium	160-1	375	500	508	461	16.20	cps
Gadolinium	160-2	397	347	283	342	16.60	cps
Holmium	165-1	8063489	7876050	8084518	8008019	1.43	cps
Holmium	165-2	4830404	4873791	4859587	4854594	0.46	cps
Indium	115-1	5131932	5101535	5137526	5123664	0.38	cps
Indium	115-2	1676415	1688641	1691554	1685537	0.48	cps
Iron	56-2	121569628	122498497	122510253	122192793	0.44	cps
Iron	57-2	2975521	2955562	2967948	2966344	0.34	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:12:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6777759	6792754	6777114	6782542	0.13	cps
Krypton	83-1	3771	4027	3597	3798	5.70	cps
Lead	206-1	26803352	26407094	27345939	26852128	1.76	cps
Lead	207-1	24529651	24273153	24846867	24549890	1.17	cps
Lead	208-1	109508721	108721389	111284602	109838238	1.20	cps
Lithium	6-1	1564790	1558713	1576062	1566522	0.56	cps
Magnesium	24-2	25197428	25227597	24675927	25033651	1.24	cps
Manganese	55-2	19002908	19186496	19100413	19096606	0.48	cps
Molybdenum	94-1	12894017	12788024	12980461	12887501	0.75	cps
Molybdenum	95-1	16036892	15858430	15854023	15916448	0.66	cps
Molybdenum	96-1	17498150	17534081	17554981	17529071	0.16	cps
Molybdenum	97-1	9793461	9840415	9875264	9836380	0.42	cps
Molybdenum	98-1	25347038	24898195	25288383	25177872	0.97	cps
Neodymium	150-1	613	560	673	616	9.21	cps
Neodymium	150-2	173	110	113	132	26.96	cps
Nickel	60-2	1015765	1016518	1010951	1014411	0.30	cps
Phosphorus	31-2	138789	135039	137015	136948	1.37	cps
Potassium	39-2	13431128	13555798	13415682	13467536	0.57	cps
Rhodium	103-1	4856017	4812874	4855794	4841562	0.51	cps
Rhodium	103-2	3095406	3100804	3080349	3092187	0.34	cps
Scandium	45-1	3662277	3615989	3645633	3641300	0.64	cps
Scandium	45-2	307943	312036	307578	309186	0.80	cps
Selenium	82-1	93857	93614	93999	93823	0.21	cps
Selenium	77-2	8266	8036	8212	8171	1.47	cps
Selenium	78-2	27385	27211	26680	27092	1.36	cps
Silicon	28-1	4887769	4949935	5037214	4958306	1.51	cps
Silver	107-1	7459230	7343743	7498850	7433941	1.08	cps
Silver	109-1	7096144	7024570	7067154	7062623	0.51	cps
Sodium	23-2	42586744	42470943	41843658	42300448	0.95	cps
Strontium	86-1	1852107	1855715	1863509	1857110	0.31	cps
Strontium	88-1	16834829	16788554	16912559	16845314	0.37	cps
Sulfur	34-1	1060977	1044164	1044547	1049896	0.91	cps
Terbium	159-1	8048062	8231020	8156438	8145173	1.13	cps
Terbium	159-2	4847408	4853871	4837049	4846109	0.18	cps
Thallium	203-1	5674297	5646864	5763757	5694973	1.07	cps
Thallium	205-1	15450512	15279613	15849683	15526603	1.88	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:12:07	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	25183224	25635674	26023864	25614254	1.64	cps
Tin	118-1	4561235	4582543	4578931	4574236	0.25	cps
Titanium	47-1	4215284	4195678	4204238	4205067	0.23	cps
Uranium	238-1	23777531	24091853	24095477	23988287	0.76	cps
Vanadium	51-2	2361202	2346075	2334404	2347227	0.57	cps
Yttrium	89-1	9508321	9464207	9539180	9503903	0.40	cps
Yttrium	89-2	2263627	2279799	2283403	2275610	0.46	cps
Zinc	66-2	4580273	4581064	4582598	4581312	0.03	cps
Zirconium	90-1	10458543	10495801	10419781	10458042	0.36	cps
Zirconium	91-1	2259499	2237195	2263888	2253527	0.64	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:19:38	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13436921	13111111	13252470	13266834	1.23	cps
Antimony	121-1	3651	3375	3734	3587	5.23	cps
Arsenic	75-2	144	154	150	149	3.12	cps
Barium	135-1	2592	2742	2634	2656	2.92	cps
Barium	137-1	4709	4401	4643	4584	3.54	cps
Beryllium	9-1	283	339	267	296	12.76	cps
Bismuth	209-1	4267365	4236356	4230647	4244789	0.47	cps
Bismuth	209-2	2966052	2962335	2953350	2960579	0.22	cps
Boron	10-1	2434	2525	2425	2461	2.26	cps
Boron	11-1	11647	11179	10904	11243	3.34	cps
Bromine	81-1	5826	5751	6043	5874	2.58	cps
Bromine	81-2	80	70	90	80	12.50	cps
Cadmium	111-1	1244	1320	1348	1304	4.10	cps
Cadmium	106-1	4309	4142	4659	4370	6.04	cps
Cadmium	108-1	317	304	275	299	7.16	cps
Calcium	43-1	9436733	9457659	9361050	9418481	0.54	cps
Calcium	44-1	150622853	150227128	149951041	150267008	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19346	19767	19827	19646	1.33	cps
Cobalt	59-2	6431	6575	6401	6469	1.43	cps
Copper	63-2	16339	15792	15792	15974	1.98	cps
Dysprosium	156-1	1909	1558	1650	1706	10.64	cps
Dysprosium	156-2	1190	1200	1120	1170	3.73	cps
Erbium	164-1	217	358	267	281	25.61	cps
Erbium	164-2	183	137	137	152	17.70	cps
Gadolinium	160-1	2159	1775	1834	1922	10.75	cps
Gadolinium	160-2	1317	1393	1273	1328	4.58	cps
Holmium	165-1	7851553	7766386	7675189	7764376	1.14	cps
Holmium	165-2	4750418	4754232	4702279	4735643	0.61	cps
Indium	115-1	5090680	5074937	5097372	5087663	0.23	cps
Indium	115-2	1710057	1714056	1711432	1711848	0.12	cps
Iron	56-2	641987437	641464103	632308281	638586607	0.85	cps
Iron	57-2	15818121	15961409	15711077	15830202	0.79	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:19:38 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	35173491	35073486	34880773	35042583	0.42	cps
Krypton	83-1	3814	3914	3754	3827	2.11	cps
Lead	206-1	45712	45834	46520	46022	0.95	cps
Lead	207-1	42178	42345	42724	42416	0.66	cps
Lead	208-1	189944	188968	189149	189354	0.27	cps
Lithium	6-1	1570875	1588348	1589451	1582891	0.66	cps
Magnesium	24-2	133850195	132369957	133814990	133345047	0.63	cps
Manganese	55-2	12979	12846	12759	12861	0.86	cps
Molybdenum	94-1	4259	4384	3901	4181	6.00	cps
Molybdenum	95-1	5101	5009	5043	5051	0.92	cps
Molybdenum	96-1	6718	6944	6710	6791	1.95	cps
Molybdenum	97-1	2959	2842	3025	2942	3.16	cps
Molybdenum	98-1	7936	7469	7886	7763	3.30	cps
Neodymium	150-1	27	33	13	24	41.66	cps
Neodymium	150-2	37	27	13	26	45.82	cps
Nickel	60-2	4854	5334	5034	5074	4.78	cps
Phosphorus	31-2	942	792	817	850	9.45	cps
Potassium	39-2	73845297	72559677	73539987	73314987	0.92	cps
Rhodium	103-1	4754898	4749376	4725801	4743358	0.33	cps
Rhodium	103-2	2988666	2997440	3008178	2998095	0.33	cps
Scandium	45-1	3834842	3819881	3829957	3828227	0.20	cps
Scandium	45-2	326505	323746	325005	325085	0.42	cps
Selenium	82-1	1540	1406	1442	1463	4.75	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	161	196	180	179	9.83	cps
Silicon	28-1	1089214	1255324	1343059	1229199	10.49	cps
Silver	107-1	2400	2192	2134	2242	6.25	cps
Silver	109-1	2150	2092	2025	2089	2.99	cps
Sodium	23-2	222238622	222806772	225133830	223393074	0.69	cps
Strontium	86-1	16610	17169	16710	16830	1.77	cps
Strontium	88-1	94426	94803	93578	94269	0.67	cps
Sulfur	34-1	524039	525437	525744	525073	0.17	cps
Terbium	159-1	8020476	7996199	7909943	7975539	0.73	cps
Terbium	159-2	4766004	4758177	4725664	4749948	0.45	cps
Thallium	203-1	1392	1450	1392	1411	2.39	cps
Thallium	205-1	3392	3117	3267	3259	4.23	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:19:38	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1995	1889	1806	1896	4.99	cps
Tin	118-1	2817	2850	3209	2959	7.34	cps
Titanium	47-1	800	792	858	817	4.45	cps
Uranium	238-1	2975	2859	2442	2759	10.17	cps
Vanadium	51-2	417	373	473	421	11.91	cps
Yttrium	89-1	9692321	9664771	9792399	9716497	0.69	cps
Yttrium	89-2	2340310	2346666	2344793	2343923	0.14	cps
Zinc	66-2	7482	7239	7175	7299	2.22	cps
Zirconium	90-1	3476	3801	3559	3612	4.67	cps
Zirconium	91-1	817	725	575	706	17.29	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 17:57:49 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67402	65317	64555	65758	2.24	cps
Antimony	121-1	1244685	1253749	1247022	1248485	0.38	cps
Arsenic	75-2	72021	71147	70214	71127	1.27	cps
Barium	135-1	145486	150599	147953	148013	1.73	cps
Barium	137-1	259288	257860	259847	258998	0.40	cps
Beryllium	9-1	139017	141598	137593	139403	1.46	cps
Bismuth	209-1	4733082	4766566	4676571	4725406	0.96	cps
Bismuth	209-2	3355534	3327932	3298039	3327168	0.86	cps
Boron	10-1	80304	82985	80287	81192	1.91	cps
Boron	11-1	382883	392812	387513	387736	1.28	cps
Bromine	81-1	6452	6118	5710	6093	6.10	cps
Bromine	81-2	90	70	120	93	26.96	cps
Cadmium	111-1	151035	155674	153820	153510	1.52	cps
Cadmium	106-1	36957	35871	35637	36155	1.95	cps
Cadmium	108-1	20553	20056	20098	20235	1.36	cps
Calcium	43-1	44316	42846	42136	43099	2.58	cps
Calcium	44-1	685205	681986	672254	679815	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303446	298113	296780	299447	1.18	cps
Cobalt	59-2	454667	448772	441642	448360	1.45	cps
Copper	63-2	304811	304568	299595	302991	0.97	cps
Dysprosium	156-1	25	42	0	22	94.38	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	83	33	83	67	43.31	cps
Erbium	164-2	20	20	27	22	17.33	cps
Gadolinium	160-1	67	58	67	64	7.54	cps
Gadolinium	160-2	37	70	77	61	35.07	cps
Holmium	165-1	7984188	7953464	7937149	7958267	0.30	cps
Holmium	165-2	4850909	4855883	4779037	4828610	0.89	cps
Indium	115-1	5499979	5437314	5405919	5447737	0.88	cps
Indium	115-2	1777440	1776803	1749018	1767754	0.92	cps
Iron	56-2	5198991	5139002	5084455	5140816	1.11	cps
Iron	57-2	128797	127631	127088	127839	0.68	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:57:49	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	295712	297397	292772	295294	0.79	cps
Krypton	83-1	4181	3984	4167	4111	2.67	cps
Lead	206-1	1063007	1058599	1064706	1062104	0.30	cps
Lead	207-1	897956	904274	920662	907631	1.29	cps
Lead	208-1	4158871	4179505	4243894	4194090	1.06	cps
Lithium	6-1	1566100	1559520	1547344	1557654	0.61	cps
Magnesium	24-2	322555	314869	310627	316017	1.91	cps
Manganese	55-2	200289	199651	197310	199083	0.79	cps
Molybdenum	94-1	6635756	6685074	6543934	6621588	1.08	cps
Molybdenum	95-1	8269912	8311380	8168149	8249814	0.89	cps
Molybdenum	96-1	9067274	9066240	8896535	9010017	1.09	cps
Molybdenum	97-1	4924434	4921457	4860232	4902041	0.74	cps
Molybdenum	98-1	13019053	13327199	12940895	13095715	1.56	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	116370	116041	113817	115409	1.20	cps
Phosphorus	31-2	933	850	725	836	12.54	cps
Potassium	39-2	661586	658369	654157	658037	0.57	cps
Rhodium	103-1	5373985	5376635	5256325	5335648	1.29	cps
Rhodium	103-2	3306931	3299837	3257785	3288184	0.81	cps
Scandium	45-1	4021249	3947554	3882902	3950568	1.75	cps
Scandium	45-2	325981	322219	321589	323263	0.73	cps
Selenium	82-1	21750	21921	21808	21827	0.40	cps
Selenium	77-2	1833	1790	1837	1820	1.43	cps
Selenium	78-2	6103	6187	6122	6137	0.71	cps
Silicon	28-1	2649362	2729404	2726721	2701829	1.68	cps
Silver	107-1	372891	378076	376629	375866	0.71	cps
Silver	109-1	348596	356562	357096	354085	1.34	cps
Sodium	23-2	962040	951814	941625	951826	1.07	cps
Strontium	86-1	927877	935598	924147	929208	0.63	cps
Strontium	88-1	8452724	8416324	8458089	8442379	0.27	cps
Sulfur	34-1	529251	523529	508839	520540	2.02	cps
Terbium	159-1	8234208	8144163	8168035	8182136	0.57	cps
Terbium	159-2	4845187	4849307	4789545	4828013	0.69	cps
Thallium	203-1	1302036	1332967	1323987	1319663	1.21	cps
Thallium	205-1	3154119	3185205	3184811	3174712	0.56	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 17:57:49	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11757801	12082316	11757904	11866007	1.58	cps
Tin	118-1	2236684	2254411	2236426	2242507	0.46	cps
Titanium	47-1	2346135	2365467	2307252	2339618	1.27	cps
Uranium	238-1	10924883	11255585	11218107	11132859	1.63	cps
Vanadium	51-2	253656	251173	248735	251188	0.98	cps
Yttrium	89-1	10332419	10050036	9961989	10114815	1.91	cps
Yttrium	89-2	2348343	2350045	2330172	2342853	0.47	cps
Zinc	66-2	101442	99905	99375	100241	1.07	cps
Zirconium	90-1	5266068	5465890	5190243	5307400	2.68	cps
Zirconium	91-1	1158748	1160489	1148518	1155918	0.56	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:12:23	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2875	2842	2900	2873	1.02	cps
Antimony	121-1	13432	13106	13031	13190	1.61	cps
Arsenic	75-2	385	348	376	370	5.21	cps
Barium	135-1	14324	14883	14324	14511	2.22	cps
Barium	137-1	25307	26726	25666	25900	2.85	cps
Beryllium	9-1	1345	1489	1383	1406	5.32	cps
Bismuth	209-1	4833509	4833993	4664925	4777476	2.04	cps
Bismuth	209-2	3281752	3300962	3319789	3300834	0.58	cps
Boron	10-1	3701	4718	4709	4376	13.36	cps
Boron	11-1	19863	21057	21733	20884	4.53	cps
Bromine	81-1	6135	5693	5976	5935	3.77	cps
Bromine	81-2	30	20	70	40	66.14	cps
Cadmium	111-1	2560	2232	2461	2418	6.96	cps
Cadmium	106-1	4618	4101	4259	4326	6.12	cps
Cadmium	108-1	233	317	279	276	15.10	cps
Calcium	43-1	10362	10896	9687	10315	5.87	cps
Calcium	44-1	171710	174070	172460	172747	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7459	7472	7275	7402	1.49	cps
Cobalt	59-2	4878	4601	4904	4794	3.50	cps
Copper	63-2	7599	6995	7339	7311	4.14	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	20	7	10	12	56.76	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	27	40	47	38	26.95	cps
Gadolinium	160-1	50	75	25	50	50.00	cps
Gadolinium	160-2	83	80	80	81	2.37	cps
Holmium	165-1	8248562	8086079	7912439	8082360	2.08	cps
Holmium	165-2	4808947	4838485	4836526	4827986	0.34	cps
Indium	115-1	5691087	5645190	5504021	5613433	1.74	cps
Indium	115-2	1822786	1832454	1837289	1830843	0.40	cps
Iron	56-2	141287	142717	142141	142048	0.51	cps
Iron	57-2	3678	3484	3817	3660	4.58	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:12:23 DataFile Name : 015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8752	9192	9303	9082	3.21	cps
Krypton	83-1	4054	3977	4277	4103	3.80	cps
Lead	206-1	5701	5490	5640	5611	1.94	cps
Lead	207-1	5223	5018	5123	5121	2.01	cps
Lead	208-1	23375	22647	22775	22932	1.70	cps
Lithium	6-1	1582838	1558973	1519750	1553853	2.05	cps
Magnesium	24-2	137297	137954	135876	137042	0.77	cps
Manganese	55-2	2187	2117	2197	2167	2.01	cps
Molybdenum	94-1	13198	13598	13548	13448	1.62	cps
Molybdenum	95-1	17269	16293	16268	16610	3.44	cps
Molybdenum	96-1	18028	18679	18220	18309	1.83	cps
Molybdenum	97-1	9745	10337	9712	9931	3.54	cps
Molybdenum	98-1	26742	25824	25891	26152	1.96	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1333	1357	1237	1309	4.86	cps
Phosphorus	31-2	675	925	575	725	24.87	cps
Potassium	39-2	230075	230759	233196	231343	0.71	cps
Rhodium	103-1	5554277	5455551	5357617	5455815	1.80	cps
Rhodium	103-2	3364055	3374897	3377961	3372304	0.22	cps
Scandium	45-1	4093591	4067761	4009189	4056847	1.07	cps
Scandium	45-2	329363	333455	334293	332371	0.79	cps
Selenium	82-1	2163	2200	1856	2073	9.10	cps
Selenium	77-2	40	50	47	46	11.18	cps
Selenium	78-2	313	346	320	327	5.36	cps
Silicon	28-1	740097	736528	796363	757663	4.43	cps
Silver	107-1	7652	7269	6843	7255	5.58	cps
Silver	109-1	7019	6944	7169	7044	1.63	cps
Sodium	23-2	267757	268512	269012	268427	0.24	cps
Strontium	86-1	8536	8970	9145	8883	3.53	cps
Strontium	88-1	18237	18487	17544	18090	2.70	cps
Sulfur	34-1	539636	536517	545985	540713	0.89	cps
Terbium	159-1	8482981	8369512	8106663	8319719	2.32	cps
Terbium	159-2	4848515	4864190	4858010	4856905	0.16	cps
Thallium	203-1	6427	6552	5926	6302	5.25	cps
Thallium	205-1	14842	15276	15067	15062	1.44	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:12:23	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	944	1022	961	976	4.20	cps
Tin	118-1	24555	26158	25523	25412	3.18	cps
Titanium	47-1	4768	4951	5101	4940	3.38	cps
Uranium	238-1	18956	19815	19081	19284	2.41	cps
Vanadium	51-2	13346	12565	13329	13080	3.41	cps
Yttrium	89-1	10495146	10318921	10151402	10321823	1.67	cps
Yttrium	89-2	2409402	2428722	2422743	2420289	0.41	cps
Zinc	66-2	1317	1343	1150	1270	8.25	cps
Zirconium	90-1	11488	11538	11096	11374	2.13	cps
Zirconium	91-1	2600	2517	2384	2500	4.37	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:18:25 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	150	75	114	33.00	cps
Antimony	121-1	183	267	275	242	20.98	cps
Arsenic	75-2	17	24	43	28	48.07	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	58	100	92	83	26.46	cps
Beryllium	9-1	133	100	106	113	15.81	cps
Bismuth	209-1	4642779	4661021	4615922	4639907	0.49	cps
Bismuth	209-2	3282253	3282872	3256411	3273846	0.46	cps
Boron	10-1	717	850	717	761	10.11	cps
Boron	11-1	3551	3392	3142	3362	6.13	cps
Bromine	81-1	5801	6277	6302	6126	4.60	cps
Bromine	81-2	120	90	100	103	14.79	cps
Cadmium	111-1	834	833	783	817	3.59	cps
Cadmium	106-1	4192	4267	3792	4084	6.25	cps
Cadmium	108-1	125	142	138	135	6.44	cps
Calcium	43-1	292	192	250	244	20.55	cps
Calcium	44-1	13215	13515	13140	13290	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1213	1233	1190	1212	1.79	cps
Cobalt	59-2	170	133	160	154	12.27	cps
Copper	63-2	1290	1403	1203	1299	7.72	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	20	20	17	19	10.18	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	50	60	53	54	9.35	cps
Holmium	165-1	8023210	7885381	7701352	7869981	2.05	cps
Holmium	165-2	4798377	4769261	4802059	4789899	0.38	cps
Indium	115-1	5589998	5523836	5464970	5526268	1.13	cps
Indium	115-2	1840971	1819970	1816399	1825780	0.73	cps
Iron	56-2	7741	7452	8175	7789	4.67	cps
Iron	57-2	317	317	289	307	5.22	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:18:25 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1582	1522	1702	1602	5.73	cps
Krypton	83-1	4191	4097	4274	4187	2.11	cps
Lead	206-1	872	956	956	928	5.19	cps
Lead	207-1	689	783	811	761	8.42	cps
Lead	208-1	3534	3723	3689	3648	2.76	cps
Lithium	6-1	1541638	1527515	1497428	1522194	1.48	cps
Magnesium	24-2	592	517	442	517	14.52	cps
Manganese	55-2	107	117	163	129	23.47	cps
Molybdenum	94-1	250	275	183	236	20.07	cps
Molybdenum	95-1	142	175	83	133	34.80	cps
Molybdenum	96-1	258	342	225	275	21.85	cps
Molybdenum	97-1	133	108	75	106	27.73	cps
Molybdenum	98-1	258	275	258	264	3.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	103	97	88	24.42	cps
Phosphorus	31-2	917	867	692	825	14.32	cps
Potassium	39-2	82805	82419	83417	82880	0.61	cps
Rhodium	103-1	5442157	5416602	5347764	5402174	0.90	cps
Rhodium	103-2	3395499	3348565	3348453	3364172	0.81	cps
Scandium	45-1	4086687	4022142	3992135	4033655	1.20	cps
Scandium	45-2	339298	333011	331960	334756	1.19	cps
Selenium	82-1	1373	1681	1403	1485	11.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	157	191	159	169	11.08	cps
Silicon	28-1	735251	726509	724196	728652	0.80	cps
Silver	107-1	92	83	108	94	13.48	cps
Silver	109-1	67	42	33	47	36.74	cps
Sodium	23-2	30907	30005	29713	30209	2.06	cps
Strontium	86-1	7044	6919	6335	6766	5.59	cps
Strontium	88-1	342	408	292	347	16.86	cps
Sulfur	34-1	562269	564031	569211	565170	0.64	cps
Terbium	159-1	8108262	8168021	7946005	8074096	1.42	cps
Terbium	159-2	4875443	4800467	4818255	4831389	0.81	cps
Thallium	203-1	458	400	367	408	11.36	cps
Thallium	205-1	1233	1208	992	1145	11.61	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:18:25	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	461	578	539	526	11.29	cps
Tin	118-1	525	617	842	661	24.65	cps
Titanium	47-1	83	108	117	103	16.88	cps
Uranium	238-1	342	325	250	306	15.98	cps
Vanadium	51-2	43	57	60	53	16.54	cps
Yttrium	89-1	10290768	10142794	10045700	10159754	1.21	cps
Yttrium	89-2	2420542	2421767	2414306	2418872	0.17	cps
Zinc	66-2	430	393	377	400	6.82	cps
Zirconium	90-1	433	542	508	494	11.22	cps
Zirconium	91-1	67	50	150	89	60.27	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:21:41 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12694558	12686941	12521468	12634322	0.77	cps
Antimony	121-1	7069	7402	7452	7308	2.85	cps
Arsenic	75-2	133	152	157	148	8.55	cps
Barium	135-1	2092	2342	1834	2089	12.17	cps
Barium	137-1	3401	3834	3734	3656	6.21	cps
Beryllium	9-1	606	622	433	554	18.89	cps
Bismuth	209-1	4701729	4727433	4737406	4722189	0.39	cps
Bismuth	209-2	3283565	3328099	3284097	3298587	0.77	cps
Boron	10-1	758	892	842	831	8.11	cps
Boron	11-1	3917	3834	3801	3851	1.56	cps
Bromine	81-1	6702	6877	6735	6771	1.37	cps
Bromine	81-2	160	180	200	180	11.11	cps
Cadmium	111-1	2095	1773	1822	1897	9.15	cps
Cadmium	106-1	4559	4034	3976	4190	7.67	cps
Cadmium	108-1	2054	2067	2146	2089	2.38	cps
Calcium	43-1	1973660	1979033	1963804	1972166	0.39	cps
Calcium	44-1	30301149	30584310	30516797	30467418	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61012	60821	59573	60469	1.29	cps
Cobalt	59-2	5108	5291	5364	5254	2.52	cps
Copper	63-2	24447	24157	24407	24337	0.65	cps
Dysprosium	156-1	42	67	58	56	22.91	cps
Dysprosium	156-2	20	13	27	20	33.35	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	33	30	50	38	28.37	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Gadolinium	160-2	63	103	83	83	24.00	cps
Holmium	165-1	8285003	8282214	8368310	8311842	0.59	cps
Holmium	165-2	4976486	5011375	4992496	4993453	0.35	cps
Indium	115-1	5531401	5524398	5530974	5528924	0.07	cps
Indium	115-2	1807238	1797446	1796292	1800326	0.33	cps
Iron	56-2	265097839	265591406	262053273	264247506	0.73	cps
Iron	57-2	6593471	6544017	6492176	6543221	0.77	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:21:41 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14421619	14435294	14162282	14339732	1.07	cps
Krypton	83-1	4001	4151	4134	4095	2.01	cps
Lead	206-1	24762	24450	24339	24517	0.89	cps
Lead	207-1	20076	19709	19242	19676	2.13	cps
Lead	208-1	94498	92993	92248	93246	1.23	cps
Lithium	6-1	1580155	1572918	1569828	1574300	0.34	cps
Magnesium	24-2	25810807	25703987	25325548	25613447	1.00	cps
Manganese	55-2	15368	15762	14904	15345	2.80	cps
Molybdenum	94-1	3538383	3529541	3523402	3530442	0.21	cps
Molybdenum	95-1	6433438	6370758	6392654	6398950	0.50	cps
Molybdenum	96-1	6805732	6805646	6759487	6790289	0.39	cps
Molybdenum	97-1	3823914	3844023	3823540	3830492	0.31	cps
Molybdenum	98-1	10119963	10212946	10137281	10156730	0.49	cps
Neodymium	150-1	40	40	53	44	17.32	cps
Neodymium	150-2	7	27	10	14	74.18	cps
Nickel	60-2	6088	6185	6268	6180	1.46	cps
Phosphorus	31-2	729163	732634	723676	728491	0.62	cps
Potassium	39-2	28898149	29086091	28780284	28921508	0.53	cps
Rhodium	103-1	5216509	5203438	5235101	5218349	0.30	cps
Rhodium	103-2	3263642	3266058	3273837	3267845	0.16	cps
Scandium	45-1	4021453	4013485	4004074	4013004	0.22	cps
Scandium	45-2	331355	333384	331533	332091	0.34	cps
Selenium	82-1	1350	1416	1359	1375	2.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	122	144	141	12.06	cps
Silicon	28-1	831303	819506	822724	824511	0.74	cps
Silver	107-1	300	367	242	303	20.66	cps
Silver	109-1	275	342	242	286	17.80	cps
Sodium	23-2	45803659	45607147	44756991	45389266	1.23	cps
Strontium	86-1	77006	75883	73604	75498	2.30	cps
Strontium	88-1	601912	601150	595680	599581	0.57	cps
Sulfur	34-1	3565717	3530842	3504011	3533523	0.88	cps
Terbium	159-1	8514015	8436986	8499422	8483474	0.48	cps
Terbium	159-2	5008748	5001523	4980353	4996875	0.30	cps
Thallium	203-1	875	883	1000	920	7.60	cps
Thallium	205-1	2367	2542	2817	2575	8.81	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:21:41	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	644	656	733	678	7.15	cps
Tin	118-1	1258	1784	1375	1472	18.74	cps
Titanium	47-1	1858064	1864889	1850631	1857862	0.38	cps
Uranium	238-1	675	575	717	656	11.11	cps
Vanadium	51-2	387	443	437	422	7.33	cps
Yttrium	89-1	10390960	10293409	10327594	10337321	0.48	cps
Yttrium	89-2	2445602	2435846	2418603	2433350	0.56	cps
Zinc	66-2	6201	6155	6358	6238	1.71	cps
Zirconium	90-1	842	692	850	794	11.22	cps
Zirconium	91-1	200	200	233	211	9.11	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:24:44 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12331089	12441427	12361064	12377860	0.46	cps
Antimony	121-1	129820	132966	128734	130507	1.68	cps
Arsenic	75-2	7137	7389	7293	7273	1.75	cps
Barium	135-1	31428	31812	31277	31506	0.87	cps
Barium	137-1	54415	56113	53947	54825	2.08	cps
Beryllium	9-1	27837	27703	27943	27828	0.43	cps
Bismuth	209-1	4682282	4712782	4735643	4710236	0.57	cps
Bismuth	209-2	3309461	3297771	3291747	3299660	0.27	cps
Boron	10-1	9512	9812	9828	9717	1.83	cps
Boron	11-1	45535	46221	45786	45848	0.76	cps
Bromine	81-1	6610	6685	7202	6832	4.72	cps
Bromine	81-2	210	140	160	170	21.21	cps
Cadmium	111-1	30354	31243	30019	30538	2.07	cps
Cadmium	106-1	8711	8961	8653	8775	1.87	cps
Cadmium	108-1	4797	4863	4680	4780	1.94	cps
Calcium	43-1	1943773	1941856	1912089	1932573	0.92	cps
Calcium	44-1	30314706	29763642	29779433	29952594	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119570	119085	117274	118643	1.02	cps
Cobalt	59-2	92552	92294	91237	92028	0.76	cps
Copper	63-2	82129	83060	81833	82341	0.78	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	33	57	27	39	40.51	cps
Gadolinium	160-1	50	83	58	64	27.16	cps
Gadolinium	160-2	110	63	73	82	29.89	cps
Holmium	165-1	8238480	8303922	8345000	8295801	0.65	cps
Holmium	165-2	5003272	5001729	4988065	4997689	0.17	cps
Indium	115-1	5446718	5496060	5440787	5461188	0.56	cps
Indium	115-2	1800256	1789296	1793651	1794401	0.31	cps
Iron	56-2	261677173	258961906	257640100	259426393	0.79	cps
Iron	57-2	6458018	6338128	6422229	6406125	0.96	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:24:44 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14237708	14136348	14101567	14158541	0.50	cps
Krypton	83-1	3871	4037	3847	3918	2.65	cps
Lead	206-1	118157	117507	120202	118622	1.19	cps
Lead	207-1	100342	102104	101253	101233	0.87	cps
Lead	208-1	461070	466625	466188	464628	0.66	cps
Lithium	6-1	1563841	1583113	1586012	1577655	0.76	cps
Magnesium	24-2	25553093	25220035	25476006	25416378	0.69	cps
Manganese	55-2	53637	53875	53517	53676	0.34	cps
Molybdenum	94-1	3748393	3750506	3716341	3738413	0.51	cps
Molybdenum	95-1	6528105	6453984	6372597	6451562	1.21	cps
Molybdenum	96-1	6899147	6841525	6912978	6884550	0.55	cps
Molybdenum	97-1	3866098	3849643	3842655	3852799	0.31	cps
Molybdenum	98-1	10230587	10236025	10290731	10252448	0.32	cps
Neodymium	150-1	67	53	73	64	15.81	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	28311	27987	27943	28080	0.71	cps
Phosphorus	31-2	717802	717729	712727	716086	0.41	cps
Potassium	39-2	28724468	28648116	28260148	28544244	0.87	cps
Rhodium	103-1	5152118	5150831	5144250	5149066	0.08	cps
Rhodium	103-2	3265535	3240773	3261470	3255926	0.41	cps
Scandium	45-1	3988207	3966595	3933142	3962648	0.70	cps
Scandium	45-2	330603	331709	332174	331495	0.24	cps
Selenium	82-1	3495	3355	3373	3408	2.24	cps
Selenium	77-2	220	150	150	173	23.32	cps
Selenium	78-2	739	772	682	731	6.28	cps
Silicon	28-1	1077506	1077980	1065116	1073534	0.68	cps
Silver	107-1	140675	142140	141550	141455	0.52	cps
Silver	109-1	134853	136089	135424	135455	0.46	cps
Sodium	23-2	44900714	44961752	44870687	44911051	0.10	cps
Strontium	86-1	172811	173830	171889	172843	0.56	cps
Strontium	88-1	1458767	1450852	1443976	1451198	0.51	cps
Sulfur	34-1	3456917	3449962	3430022	3445634	0.41	cps
Terbium	159-1	8356441	8590932	8434964	8460779	1.41	cps
Terbium	159-2	5045022	5000967	5039601	5028530	0.48	cps
Thallium	203-1	114522	115481	120498	116834	2.75	cps
Thallium	205-1	280988	281662	280929	281193	0.14	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:24:44	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	269074	268329	266841	268081	0.42	cps
Tin	118-1	239676	244169	238150	240665	1.30	cps
Titanium	47-1	1861020	1860466	1840082	1853856	0.64	cps
Uranium	238-1	1015466	1027150	1030984	1024533	0.79	cps
Vanadium	51-2	50061	49877	50379	50106	0.51	cps
Yttrium	89-1	10331327	10151842	10224451	10235873	0.88	cps
Yttrium	89-2	2411229	2414912	2419164	2415102	0.16	cps
Zinc	66-2	16076	15538	15859	15824	1.71	cps
Zirconium	90-1	533758	531142	528407	531102	0.50	cps
Zirconium	91-1	117722	119931	118494	118716	0.94	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6321819	6356243	6346186	6341416	0.28	cps
Antimony	121-1	3056305	3067347	3051782	3058478	0.26	cps
Arsenic	75-2	170165	171313	168782	170087	0.74	cps
Barium	135-1	3595550	3593544	3625256	3604783	0.49	cps
Barium	137-1	6840982	6845888	6810166	6832346	0.28	cps
Beryllium	9-1	672748	672987	671904	672546	0.08	cps
Bismuth	209-1	4514874	4520886	4506868	4514210	0.16	cps
Bismuth	209-2	3137845	3164271	3136234	3146117	0.50	cps
Boron	10-1	72549	77297	78352	76066	4.06	cps
Boron	11-1	353584	368364	375954	365967	3.11	cps
Bromine	81-1	5635	6035	5835	5835	3.43	cps
Bromine	81-2	70	60	70	67	8.66	cps
Cadmium	111-1	703192	699881	704903	702659	0.36	cps
Cadmium	106-1	87972	86345	88265	87527	1.18	cps
Cadmium	108-1	58030	58298	58332	58220	0.28	cps
Calcium	43-1	4743415	4688647	4715911	4715991	0.58	cps
Calcium	44-1	74816083	74286283	73792937	74298434	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1450757	1458158	1442831	1450582	0.53	cps
Cobalt	59-2	2078124	2091245	2059900	2076423	0.76	cps
Copper	63-2	14351034	14387554	14204898	14314495	0.68	cps
Dysprosium	156-1	975	992	975	981	0.98	cps
Dysprosium	156-2	637	647	763	682	10.32	cps
Erbium	164-1	158	217	183	186	15.73	cps
Erbium	164-2	127	113	117	119	5.84	cps
Gadolinium	160-1	867	992	1000	953	7.84	cps
Gadolinium	160-2	853	837	690	793	11.33	cps
Holmium	165-1	8074071	8134204	8101785	8103353	0.37	cps
Holmium	165-2	4871098	4895001	4855659	4873919	0.41	cps
Indium	115-1	5255030	5248908	5246819	5250252	0.08	cps
Indium	115-2	1720846	1726693	1745036	1730858	0.73	cps
Iron	56-2	320598641	319058807	321770885	320476111	0.42	cps
Iron	57-2	7951237	7969608	7795713	7905519	1.21	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17237349	17478503	17523456	17413102	0.88	cps
Krypton	83-1	3727	3851	3597	3725	3.40	cps
Lead	206-1	13506300	13352713	13326486	13395167	0.73	cps
Lead	207-1	12326888	12211391	12231828	12256702	0.50	cps
Lead	208-1	54752576	54476337	54707543	54645485	0.27	cps
Lithium	6-1	1575151	1577391	1564464	1572335	0.44	cps
Magnesium	24-2	66461462	66286104	65772893	66173486	0.54	cps
Manganese	55-2	10099687	10037097	10075124	10070636	0.31	cps
Molybdenum	94-1	6669552	6570395	6625907	6621951	0.75	cps
Molybdenum	95-1	8235051	8293169	8296930	8275050	0.42	cps
Molybdenum	96-1	8972234	9115910	9052938	9047027	0.80	cps
Molybdenum	97-1	4949958	4935201	4913243	4932800	0.37	cps
Molybdenum	98-1	13122895	13229571	13072091	13141519	0.61	cps
Neodymium	150-1	300	320	267	296	9.12	cps
Neodymium	150-2	83	80	73	79	6.45	cps
Nickel	60-2	528219	523898	521993	524704	0.61	cps
Phosphorus	31-2	73028	70994	73589	72537	1.88	cps
Potassium	39-2	35487201	36069917	35938440	35831853	0.85	cps
Rhodium	103-1	4973580	4946917	4929230	4949909	0.45	cps
Rhodium	103-2	3099740	3110882	3102889	3104504	0.19	cps
Scandium	45-1	3874277	3841932	3833511	3849907	0.56	cps
Scandium	45-2	324352	326344	327890	326195	0.54	cps
Selenium	82-1	49564	48828	49524	49305	0.84	cps
Selenium	77-2	4314	4194	4287	4265	1.48	cps
Selenium	78-2	14544	14118	14509	14390	1.64	cps
Silicon	28-1	3313357	3387560	3466365	3389094	2.26	cps
Silver	107-1	3787470	3780275	3781828	3783191	0.10	cps
Silver	109-1	3629638	3603680	3610905	3614741	0.37	cps
Sodium	23-2	109691132	111181677	110635261	110502690	0.68	cps
Strontium	86-1	938521	927609	923766	929965	0.82	cps
Strontium	88-1	8526349	8559526	8403938	8496605	0.96	cps
Sulfur	34-1	821201	809518	800556	810425	1.28	cps
Terbium	159-1	8297031	8268276	8295821	8287043	0.20	cps
Terbium	159-2	4870104	4907569	4850667	4876114	0.59	cps
Thallium	203-1	2838769	2822361	2807667	2822932	0.55	cps
Thallium	205-1	7739693	7882307	7770043	7797348	0.96	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:27:47	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12521523	12514454	12591477	12542484	0.34	cps
Tin	118-1	2308143	2289510	2290258	2295971	0.46	cps
Titanium	47-1	2219290	2210667	2197299	2209085	0.50	cps
Uranium	238-1	11373021	11342791	11270974	11328929	0.46	cps
Vanadium	51-2	1253461	1259586	1236396	1249814	0.96	cps
Yttrium	89-1	10081678	9950529	9836887	9956365	1.23	cps
Yttrium	89-2	2339494	2341548	2347123	2342721	0.17	cps
Zinc	66-2	2332304	2340253	2313982	2328846	0.58	cps
Zirconium	90-1	5205664	5161039	5125702	5164135	0.78	cps
Zirconium	91-1	1146257	1150581	1137844	1144894	0.57	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:41:58 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	217	225	225	3.70	cps
Antimony	121-1	342	392	308	347	12.08	cps
Arsenic	75-2	30	31	26	29	9.74	cps
Barium	135-1	58	50	117	75	48.43	cps
Barium	137-1	125	100	100	108	13.32	cps
Beryllium	9-1	211	183	144	180	18.64	cps
Bismuth	209-1	4924189	4892794	4840505	4885830	0.87	cps
Bismuth	209-2	3222486	3355009	3414049	3330515	2.95	cps
Boron	10-1	1617	1417	1500	1511	6.65	cps
Boron	11-1	7694	7585	7535	7605	1.06	cps
Bromine	81-1	5943	6560	6552	6352	5.57	cps
Bromine	81-2	230	250	290	257	11.90	cps
Cadmium	111-1	896	759	860	838	8.45	cps
Cadmium	106-1	4376	4001	3984	4120	5.38	cps
Cadmium	108-1	125	183	113	140	26.95	cps
Calcium	43-1	225	217	258	233	9.45	cps
Calcium	44-1	12572	12714	13106	12798	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047	977	1153	1059	8.40	cps
Cobalt	59-2	120	170	127	139	19.55	cps
Copper	63-2	1517	1477	1413	1469	3.55	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	37	17	13	22	56.80	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	40	57	73	57	29.41	cps
Holmium	165-1	8522022	8389221	8210774	8374006	1.87	cps
Holmium	165-2	4667372	4896231	4967002	4843535	3.23	cps
Indium	115-1	5673232	5647114	5575196	5631847	0.90	cps
Indium	115-2	1734392	1827847	1854530	1805590	3.49	cps
Iron	56-2	9275	9959	9348	9527	3.94	cps
Iron	57-2	311	294	350	319	8.95	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:41:58	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1562	1462	1321	1448	8.33	cps
Krypton	83-1	3854	4027	3891	3924	2.33	cps
Lead	206-1	1356	1189	1245	1263	6.72	cps
Lead	207-1	1022	950	1250	1074	14.58	cps
Lead	208-1	4956	4762	5100	4939	3.44	cps
Lithium	6-1	1635070	1622780	1617695	1625182	0.55	cps
Magnesium	24-2	1008	875	908	931	7.46	cps
Manganese	55-2	123	153	183	153	19.56	cps
Molybdenum	94-1	383	367	408	386	5.43	cps
Molybdenum	95-1	225	283	325	278	18.08	cps
Molybdenum	96-1	350	300	467	372	22.98	cps
Molybdenum	97-1	217	83	175	158	43.08	cps
Molybdenum	98-1	400	417	533	450	16.14	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	73	97	63	78	22.00	cps
Phosphorus	31-2	842	767	792	800	4.77	cps
Potassium	39-2	81523	82872	83149	82515	1.05	cps
Rhodium	103-1	5475108	5434415	5390129	5433217	0.78	cps
Rhodium	103-2	3199246	3355719	3398772	3317912	3.16	cps
Scandium	45-1	4007763	3987198	3972789	3989250	0.44	cps
Scandium	45-2	315618	327907	337858	327127	3.41	cps
Selenium	82-1	1497	1320	1375	1397	6.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	159	152	139	150	6.87	cps
Silicon	28-1	658591	658004	651505	656033	0.60	cps
Silver	107-1	142	133	108	128	13.57	cps
Silver	109-1	117	92	125	111	15.61	cps
Sodium	23-2	40689	40689	40939	40772	0.35	cps
Strontium	86-1	6327	6460	6702	6496	2.93	cps
Strontium	88-1	367	425	342	378	11.32	cps
Sulfur	34-1	523442	522377	522949	522923	0.10	cps
Terbium	159-1	8619775	8467157	8403771	8496901	1.31	cps
Terbium	159-2	4700111	4923075	4983294	4868827	3.06	cps
Thallium	203-1	758	683	675	706	6.50	cps
Thallium	205-1	1992	1950	2017	1986	1.70	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:41:58	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	706	689	667	687	2.84	cps
Tin	118-1	658	592	483	578	15.29	cps
Titanium	47-1	67	83	117	89	28.64	cps
Uranium	238-1	358	342	283	328	12.02	cps
Vanadium	51-2	53	60	40	51	19.92	cps
Yttrium	89-1	10256305	10354655	10246720	10285894	0.58	cps
Yttrium	89-2	2273001	2385808	2438370	2365726	3.57	cps
Zinc	66-2	223	233	247	234	4.99	cps
Zirconium	90-1	608	650	775	678	12.80	cps
Zirconium	91-1	158	158	108	142	20.38	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:54:33 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500	2734	2884	2706	7.14	cps
Antimony	121-1	11613	12147	12623	12128	4.16	cps
Arsenic	75-2	344	352	365	354	2.91	cps
Barium	135-1	13523	13574	13640	13579	0.43	cps
Barium	137-1	25182	25424	24071	24892	2.90	cps
Beryllium	9-1	1433	1433	1411	1426	0.90	cps
Bismuth	209-1	4716416	4707673	4684646	4702912	0.35	cps
Bismuth	209-2	3327209	3302969	3291433	3307204	0.55	cps
Boron	10-1	4092	4526	4651	4423	6.63	cps
Boron	11-1	21975	21916	22884	22258	2.44	cps
Bromine	81-1	6618	6435	6818	6624	2.90	cps
Bromine	81-2	210	190	300	234	25.11	cps
Cadmium	111-1	2348	2375	2201	2308	4.07	cps
Cadmium	106-1	4292	4109	4142	4181	2.34	cps
Cadmium	108-1	283	233	254	257	9.77	cps
Calcium	43-1	9737	10646	9778	10054	5.10	cps
Calcium	44-1	163470	166231	166417	165373	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7098	7025	6902	7008	1.42	cps
Cobalt	59-2	4461	4197	4384	4347	3.12	cps
Copper	63-2	6918	7209	7125	7084	2.11	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	23	23	33	27	21.65	cps
Gadolinium	160-1	67	58	33	53	32.87	cps
Gadolinium	160-2	63	87	27	59	51.36	cps
Holmium	165-1	7960904	8164129	8076119	8067051	1.26	cps
Holmium	165-2	4884794	4809423	4751478	4815232	1.39	cps
Indium	115-1	5476143	5477881	5483628	5479217	0.07	cps
Indium	115-2	1816008	1797963	1807099	1807023	0.50	cps
Iron	56-2	139560	135596	137805	137654	1.44	cps
Iron	57-2	3339	3573	3512	3475	3.48	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 18:54:33 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8511	8391	8822	8575	2.59	cps
Krypton	83-1	4117	4294	4001	4137	3.57	cps
Lead	206-1	5346	5562	5562	5490	2.28	cps
Lead	207-1	4884	5045	4934	4955	1.67	cps
Lead	208-1	22525	22853	22919	22766	0.93	cps
Lithium	6-1	1559780	1571615	1544393	1558596	0.88	cps
Magnesium	24-2	132589	132059	133220	132623	0.44	cps
Manganese	55-2	2034	1983	2310	2109	8.34	cps
Molybdenum	94-1	11939	12456	12247	12214	2.13	cps
Molybdenum	95-1	15550	15792	14808	15384	3.33	cps
Molybdenum	96-1	17353	17369	16451	17058	3.08	cps
Molybdenum	97-1	9345	9829	9395	9523	2.79	cps
Molybdenum	98-1	24805	23962	25173	24647	2.52	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1230	1207	1240	1226	1.40	cps
Phosphorus	31-2	700	783	758	747	5.72	cps
Potassium	39-2	224498	225579	224582	224887	0.27	cps
Rhodium	103-1	5332608	5306098	5312420	5317042	0.26	cps
Rhodium	103-2	3359249	3325025	3306841	3330372	0.80	cps
Scandium	45-1	3940703	3931030	3933961	3935231	0.13	cps
Scandium	45-2	330830	333679	328065	330858	0.85	cps
Selenium	82-1	2086	1820	2079	1995	7.62	cps
Selenium	77-2	50	40	50	47	12.37	cps
Selenium	78-2	293	311	283	296	4.78	cps
Silicon	28-1	706448	699248	701384	702360	0.53	cps
Silver	107-1	6877	7210	7827	7305	6.60	cps
Silver	109-1	6577	6835	6843	6752	2.25	cps
Sodium	23-2	263168	262665	263492	263108	0.16	cps
Strontium	86-1	8594	8636	8394	8542	1.51	cps
Strontium	88-1	16794	16802	16226	16607	1.99	cps
Sulfur	34-1	546812	543081	543510	544468	0.38	cps
Terbium	159-1	8206599	8173322	8292218	8224046	0.75	cps
Terbium	159-2	4888769	4850254	4820635	4853219	0.70	cps
Thallium	203-1	5651	5826	6243	5907	5.15	cps
Thallium	205-1	14767	14308	14350	14475	1.75	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:54:33	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	550	489	556	532	6.96	cps
Tin	118-1	24146	22886	23837	23623	2.78	cps
Titanium	47-1	4576	4643	4084	4434	6.88	cps
Uranium	238-1	19156	19023	19073	19084	0.35	cps
Vanadium	51-2	12632	12275	12686	12531	1.78	cps
Yttrium	89-1	10039489	10108267	10110125	10085960	0.40	cps
Yttrium	89-2	2404374	2390748	2375902	2390341	0.60	cps
Zinc	66-2	1257	1217	1353	1276	5.51	cps
Zirconium	90-1	10621	10638	10337	10532	1.60	cps
Zirconium	91-1	2275	2334	2292	2300	1.31	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100805	103631	101576	102004	1.43	cps
Antimony	121-1	3932943	3949943	3931361	3938082	0.26	cps
Arsenic	75-2	33871	33397	33854	33707	0.80	cps
Barium	135-1	1698328	1704451	1701406	1701395	0.18	cps
Barium	137-1	2975481	2953536	2963181	2964066	0.37	cps
Beryllium	9-1	308383	307349	306249	307327	0.35	cps
Bismuth	209-1	4749820	4718488	4739370	4735893	0.34	cps
Bismuth	209-2	3340904	3335728	3327312	3334648	0.21	cps
Boron	10-1	261143	275065	281768	272659	3.86	cps
Boron	11-1	1259910	1316338	1358440	1311563	3.77	cps
Bromine	81-1	6227	6627	6026	6293	4.86	cps
Bromine	81-2	140	120	140	133	8.66	cps
Cadmium	111-1	953368	952238	947803	951136	0.31	cps
Cadmium	106-1	92843	91461	92475	92260	0.78	cps
Cadmium	108-1	66463	66680	65981	66375	0.54	cps
Calcium	43-1	3626	3451	3701	3592	3.57	cps
Calcium	44-1	45746	45244	45094	45361	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1701883	1693788	1708765	1701479	0.44	cps
Cobalt	59-2	3066780	3062903	3061111	3063598	0.09	cps
Copper	63-2	818798	823776	823943	822173	0.36	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	17	58	25	33	66.14	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	67	17	58	47	56.72	cps
Gadolinium	160-2	77	53	77	69	19.56	cps
Holmium	165-1	8318511	8085053	8171124	8191563	1.44	cps
Holmium	165-2	4828535	4837917	4850006	4838819	0.22	cps
Indium	115-1	5542142	5448208	5443877	5478075	1.01	cps
Indium	115-2	1787523	1815039	1803240	1801934	0.77	cps
Iron	56-2	855439	859356	857915	857570	0.23	cps
Iron	57-2	21299	21510	20915	21241	1.42	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	101863	103063	103373	102766	0.78	cps
Krypton	83-1	3934	4211	4081	4075	3.40	cps
Lead	206-1	2871689	2881853	2859591	2871045	0.39	cps
Lead	207-1	2538343	2545184	2525491	2536340	0.39	cps
Lead	208-1	11557555	11559766	11548556	11555292	0.05	cps
Lithium	6-1	1584908	1553260	1566033	1568067	1.02	cps
Magnesium	24-2	600	500	492	531	11.36	cps
Manganese	55-2	1186052	1191468	1200987	1192836	0.63	cps
Molybdenum	94-1	954111	944512	943342	947322	0.62	cps
Molybdenum	95-1	1673649	1666980	1654956	1665195	0.57	cps
Molybdenum	96-1	1782466	1767422	1757598	1769162	0.71	cps
Molybdenum	97-1	1033109	1033374	1038156	1034880	0.27	cps
Molybdenum	98-1	2671515	2662308	2660699	2664841	0.22	cps
Neodymium	150-1	160	153	120	144	14.84	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	1388388	1392420	1378395	1386401	0.52	cps
Phosphorus	31-2	692	675	592	653	8.21	cps
Potassium	39-2	81917	81430	81414	81587	0.35	cps
Rhodium	103-1	5370956	5285017	5298891	5318288	0.87	cps
Rhodium	103-2	3321927	3331428	3296925	3316760	0.54	cps
Scandium	45-1	3976033	3908646	3896201	3926960	1.09	cps
Scandium	45-2	325063	327969	327723	326919	0.49	cps
Selenium	82-1	65407	64424	65082	64971	0.77	cps
Selenium	77-2	5594	5891	5444	5643	4.03	cps
Selenium	78-2	18584	18775	18768	18709	0.58	cps
Silicon	28-1	1047793	1040503	1020819	1036372	1.35	cps
Silver	107-1	5645456	5635567	5582790	5621271	0.60	cps
Silver	109-1	5373821	5342556	5327023	5347800	0.45	cps
Sodium	23-2	46773	47350	47860	47328	1.15	cps
Strontium	86-1	675840	673759	667063	672221	0.68	cps
Strontium	88-1	6335679	6209564	6156163	6233802	1.48	cps
Sulfur	34-1	528165	517065	506822	517351	2.06	cps
Terbium	159-1	8459466	8253814	8324750	8346010	1.25	cps
Terbium	159-2	4860485	4869893	4852129	4860836	0.18	cps
Thallium	203-1	4079255	4106395	4112120	4099257	0.43	cps
Thallium	205-1	11323396	11334301	11160327	11272675	0.86	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 18:57:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	517	494	428	480	9.65	cps
Tin	118-1	867	792	842	833	4.58	cps
Titanium	47-1	217	158	225	200	18.16	cps
Uranium	238-1	250	342	325	306	15.98	cps
Vanadium	51-2	2461475	2478878	2465807	2468720	0.37	cps
Yttrium	89-1	10267293	10029936	10123754	10140327	1.18	cps
Yttrium	89-2	2368817	2395571	2377537	2380642	0.57	cps
Zinc	66-2	225929	226149	225286	225788	0.20	cps
Zirconium	90-1	1500	1500	1400	1467	3.94	cps
Zirconium	91-1	450	392	333	392	14.89	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6868	6952	6502	6774	3.54	cps
Antimony	121-1	1550	1408	1217	1392	12.02	cps
Arsenic	75-2	22	39	26	29	30.17	cps
Barium	135-1	358	425	392	392	8.51	cps
Barium	137-1	575	533	583	564	4.75	cps
Beryllium	9-1	178	144	156	159	10.66	cps
Bismuth	209-1	4694525	4722980	4741690	4719731	0.50	cps
Bismuth	209-2	3287421	3276760	3290053	3284745	0.21	cps
Boron	10-1	37622	38616	39911	38716	2.96	cps
Boron	11-1	178433	183163	183143	181579	1.50	cps
Bromine	81-1	7027	5793	6318	6379	9.71	cps
Bromine	81-2	190	170	100	153	30.82	cps
Cadmium	111-1	950	1008	909	956	5.22	cps
Cadmium	106-1	3867	4076	3992	3978	2.64	cps
Cadmium	108-1	129	129	188	149	22.66	cps
Calcium	43-1	642	558	550	583	8.69	cps
Calcium	44-1	20239	21257	21491	20996	3.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1400	1383	1487	1423	3.90	cps
Cobalt	59-2	753	707	707	722	3.73	cps
Copper	63-2	1527	1530	1450	1502	3.01	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	83	75	100	86	14.78	cps
Gadolinium	160-2	63	50	50	54	14.14	cps
Holmium	165-1	7920255	8101552	8159397	8060401	1.55	cps
Holmium	165-2	4771181	4824368	4821911	4805820	0.62	cps
Indium	115-1	5191805	5272578	5262309	5242231	0.84	cps
Indium	115-2	1713618	1715211	1722170	1716999	0.26	cps
Iron	56-2	9170	9292	8958	9140	1.85	cps
Iron	57-2	356	389	350	365	5.77	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1392	1351	1532	1425	6.64	cps
Krypton	83-1	3964	3964	4021	3983	0.82	cps
Lead	206-1	2650	2606	2878	2711	5.39	cps
Lead	207-1	2300	2473	2495	2422	4.39	cps
Lead	208-1	10035	11263	11591	10963	7.48	cps
Lithium	6-1	1545846	1558167	1566203	1556739	0.66	cps
Magnesium	24-2	617	758	692	689	10.29	cps
Manganese	55-2	300	317	303	307	2.87	cps
Molybdenum	94-1	6577	5685	5935	6065	7.59	cps
Molybdenum	95-1	508	683	608	600	14.63	cps
Molybdenum	96-1	1750	1625	1458	1611	9.08	cps
Molybdenum	97-1	458	317	367	381	18.88	cps
Molybdenum	98-1	1200	792	892	961	22.15	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	650	707	743	700	6.72	cps
Phosphorus	31-2	700	592	708	667	9.76	cps
Potassium	39-2	82772	82855	82437	82688	0.27	cps
Rhodium	103-1	5226182	5311397	5300557	5279379	0.88	cps
Rhodium	103-2	3286984	3304945	3330173	3307367	0.66	cps
Scandium	45-1	3839308	3889257	3909977	3879514	0.94	cps
Scandium	45-2	325088	328891	324916	326299	0.69	cps
Selenium	82-1	1450	1441	1360	1417	3.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	124	170	180	158	18.83	cps
Silicon	28-1	6587546	6656864	6559173	6601194	0.76	cps
Silver	107-1	1425	1083	1058	1189	17.23	cps
Silver	109-1	1325	1142	942	1136	16.88	cps
Sodium	23-2	108447	108423	108120	108330	0.17	cps
Strontium	86-1	7160	6377	6602	6713	6.01	cps
Strontium	88-1	1658	1275	1292	1408	15.39	cps
Sulfur	34-1	483212	479268	476633	479704	0.69	cps
Terbium	159-1	8141000	8328432	8189884	8219772	1.18	cps
Terbium	159-2	4757568	4836360	4856095	4816674	1.08	cps
Thallium	203-1	2625	2667	2609	2634	1.14	cps
Thallium	205-1	5760	5310	5610	5560	4.12	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:00:43	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	622	700	661	661	5.88	cps
Tin	118-1	8984631	9040777	8965064	8996824	0.44	cps
Titanium	47-1	178416	177099	177117	177544	0.43	cps
Uranium	238-1	358	250	367	325	20.03	cps
Vanadium	51-2	337	243	283	288	16.27	cps
Yttrium	89-1	10024377	10017856	10051878	10031370	0.18	cps
Yttrium	89-2	2352329	2367159	2379053	2366180	0.57	cps
Zinc	66-2	2624	2597	2440	2554	3.88	cps
Zirconium	90-1	14825	14925	14566	14772	1.25	cps
Zirconium	91-1	3325	3601	3059	3328	8.14	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	150	175	169	10.24	cps
Antimony	121-1	1467	1017	1042	1175	21.52	cps
Arsenic	75-2	63	39	50	51	23.80	cps
Barium	135-1	792	958	667	806	18.17	cps
Barium	137-1	1358	1358	1333	1350	1.07	cps
Beryllium	9-1	117	200	156	157	26.49	cps
Bismuth	209-1	8001113	7807886	7530708	7779902	3.04	cps
Bismuth	209-2	4358449	4333479	4293469	4328465	0.76	cps
Boron	10-1	4884	4559	4067	4504	9.13	cps
Boron	11-1	23277	21883	21115	22092	4.96	cps
Bromine	81-1	7902	7511	8161	7858	4.17	cps
Bromine	81-2	430	410	440	427	3.58	cps
Cadmium	111-1	1427	1302	1191	1307	9.07	cps
Cadmium	106-1	6293	5985	5393	5890	7.77	cps
Cadmium	108-1	146	154	138	146	5.72	cps
Calcium	43-1	1185449	1165734	1150371	1167185	1.51	cps
Calcium	44-1	18669912	18206384	17991016	18289104	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653	610	640	634	3.50	cps
Cobalt	59-2	267	223	157	216	25.71	cps
Copper	63-2	1607	1383	1530	1507	7.53	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	20	3	7	10	88.20	cps
Erbium	164-1	100	58	42	67	45.07	cps
Erbium	164-2	27	27	30	28	6.92	cps
Gadolinium	160-1	75	83	125	94	28.36	cps
Gadolinium	160-2	110	73	90	91	20.15	cps
Holmium	165-1	12409517	11849008	11488222	11915582	3.90	cps
Holmium	165-2	7304839	7145541	7168551	7206310	1.19	cps
Indium	115-1	8936542	8751443	8508751	8732245	2.46	cps
Indium	115-2	2456399	2425249	2409061	2430236	0.99	cps
Iron	56-2	9086	9448	9498	9344	2.40	cps
Iron	57-2	3300	3606	3495	3467	4.46	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1171	951	1041	1054	10.50	cps
Krypton	83-1	3951	4021	4037	4003	1.15	cps
Lead	206-1	7119	6741	6168	6676	7.17	cps
Lead	207-1	6585	5512	5101	5733	13.37	cps
Lead	208-1	29085	26427	24009	26507	9.58	cps
Lithium	6-1	2285449	2232058	2183992	2233833	2.27	cps
Magnesium	24-2	12883412	12816167	13058309	12919296	0.97	cps
Manganese	55-2	410	430	413	418	2.56	cps
Molybdenum	94-1	1050	892	992	978	8.19	cps
Molybdenum	95-1	1442	1275	1358	1358	6.14	cps
Molybdenum	96-1	1517	1517	1367	1467	5.90	cps
Molybdenum	97-1	758	767	733	753	2.30	cps
Molybdenum	98-1	2067	2092	1942	2034	3.95	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	87	130	129	32.33	cps
Phosphorus	31-2	567	767	617	650	16.01	cps
Potassium	39-2	5017149	5042553	5110984	5056895	0.96	cps
Rhodium	103-1	8471443	8135341	8007819	8204868	2.92	cps
Rhodium	103-2	4470563	4416976	4385863	4424467	0.97	cps
Scandium	45-1	6081059	5945943	5879680	5968894	1.72	cps
Scandium	45-2	451662	454847	448905	451805	0.66	cps
Selenium	82-1	1477	1296	1564	1446	9.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	170	174	157	167	5.23	cps
Silicon	28-1	600082	591674	592563	594773	0.78	cps
Silver	107-1	458	517	450	475	7.65	cps
Silver	109-1	442	342	283	356	22.52	cps
Sodium	23-2	48164095	47967294	48222127	48117839	0.28	cps
Strontium	86-1	26066	24071	24438	24858	4.27	cps
Strontium	88-1	164312	162956	158919	162062	1.73	cps
Sulfur	34-1	516118	545328	565215	542220	4.55	cps
Terbium	159-1	12564329	12019477	11703404	12095736	3.60	cps
Terbium	159-2	7327408	7121675	7254595	7234559	1.44	cps
Thallium	203-1	1392	1208	1392	1331	7.96	cps
Thallium	205-1	3467	3351	3009	3275	7.27	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:03:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	533	672	744	650	16.51	cps
Tin	118-1	3767	3651	3834	3751	2.48	cps
Titanium	47-1	108	158	67	111	41.31	cps
Uranium	238-1	300	392	492	394	24.30	cps
Vanadium	51-2	107	137	120	121	12.41	cps
Yttrium	89-1	15288064	14766564	14367099	14807242	3.12	cps
Yttrium	89-2	3276283	3252497	3240216	3256332	0.56	cps
Zinc	66-2	670	617	553	613	9.52	cps
Zirconium	90-1	358	358	1101	606	70.74	cps
Zirconium	91-1	67	67	125	86	39.11	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : M1560-06DLX5 Instrumnet Name : P7
 Client Sample ID : PT-MIN2-WPDL Dilution Factor : 5
 Date & Time Acquired :: 2021-03-11 19:06:47 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	158	125	24.04	cps
Antimony	121-1	425	450	267	381	26.12	cps
Arsenic	75-2	13	30	30	24	39.98	cps
Barium	135-1	117	125	150	131	13.29	cps
Barium	137-1	250	250	292	264	9.12	cps
Beryllium	9-1	89	117	161	122	29.81	cps
Bismuth	209-1	4907161	4847916	4816893	4857324	0.94	cps
Bismuth	209-2	3393087	3366071	3384930	3381363	0.41	cps
Boron	10-1	3317	3134	3084	3178	3.87	cps
Boron	11-1	15809	15050	14341	15066	4.87	cps
Bromine	81-1	6668	7144	7052	6955	3.62	cps
Bromine	81-2	250	210	140	200	27.84	cps
Cadmium	111-1	906	991	904	934	5.32	cps
Cadmium	106-1	4451	4843	4401	4565	5.30	cps
Cadmium	108-1	138	104	108	117	15.56	cps
Calcium	43-1	169240	171507	169662	170136	0.71	cps
Calcium	44-1	2740748	2759780	2768822	2756450	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117	1230	1210	1186	5.10	cps
Cobalt	59-2	123	140	200	154	26.11	cps
Copper	63-2	1267	1350	1360	1326	3.87	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	25	67	33	42	52.92	cps
Gadolinium	160-2	70	83	60	71	16.46	cps
Holmium	165-1	8535336	8409698	8403757	8449597	0.88	cps
Holmium	165-2	5017985	5000139	4981176	4999766	0.37	cps
Indium	115-1	5798895	5765161	6332036	5965364	5.33	cps
Indium	115-2	1891345	1898742	1878357	1889482	0.55	cps
Iron	56-2	9598	9648	9764	9670	0.88	cps
Iron	57-2	717	711	822	750	8.35	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-11 19:06:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1422	1542	1422	1462	4.75	cps
Krypton	83-1	4261	3997	4041	4100	3.45	cps
Lead	206-1	1406	1461	1461	1443	2.22	cps
Lead	207-1	1445	1389	1311	1382	4.85	cps
Lead	208-1	5884	5906	5990	5927	0.94	cps
Lithium	6-1	1647498	1612124	1621253	1626958	1.13	cps
Magnesium	24-2	1897273	1917487	1889892	1901551	0.75	cps
Manganese	55-2	240	270	167	226	23.57	cps
Molybdenum	94-1	408	308	492	403	22.79	cps
Molybdenum	95-1	333	242	375	317	21.54	cps
Molybdenum	96-1	383	508	517	469	15.91	cps
Molybdenum	97-1	183	267	133	194	34.64	cps
Molybdenum	98-1	525	683	617	608	13.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	130	140	128	10.54	cps
Phosphorus	31-2	725	642	717	694	6.61	cps
Potassium	39-2	835505	829805	828523	831278	0.45	cps
Rhodium	103-1	6144477	6088343	5609142	5947321	4.95	cps
Rhodium	103-2	3467359	3474336	3437556	3459751	0.56	cps
Scandium	45-1	4222274	4234239	4245347	4233953	0.27	cps
Scandium	45-2	349213	350062	349344	349540	0.13	cps
Selenium	82-1	1474	1480	1546	1500	2.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	159	198	173	12.69	cps
Silicon	28-1	686814	677412	673209	679145	1.03	cps
Silver	107-1	208	150	125	161	26.54	cps
Silver	109-1	117	92	175	128	33.47	cps
Sodium	23-2	7133747	7117213	7159601	7136854	0.30	cps
Strontium	86-1	9470	9487	9303	9420	1.08	cps
Strontium	88-1	24246	23862	23787	23965	1.03	cps
Sulfur	34-1	624747	621891	621197	622612	0.30	cps
Terbium	159-1	8777285	8653808	8699538	8710210	0.72	cps
Terbium	159-2	5004651	5041720	5010063	5018811	0.40	cps
Thallium	203-1	958	1008	1000	989	2.71	cps
Thallium	205-1	2617	2559	2692	2623	2.55	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-03-11 19:06:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	483	489	522	498	4.22	cps
Tin	118-1	1400	1358	1125	1295	11.45	cps
Titanium	47-1	208	125	192	175	25.20	cps
Uranium	238-1	217	292	325	278	19.98	cps
Vanadium	51-2	57	70	63	63	10.52	cps
Yttrium	89-1	10781702	10688553	10816051	10762102	0.61	cps
Yttrium	89-2	2515056	2514940	2506512	2512169	0.20	cps
Zinc	66-2	470	527	527	508	6.44	cps
Zirconium	90-1	517	400	417	444	14.20	cps
Zirconium	91-1	83	92	125	100	22.04	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : M1559-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 19:09:53 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100905	101660	99881	100815	0.89	cps
Antimony	121-1	3948137	3978830	3934428	3953798	0.58	cps
Arsenic	75-2	33462	32883	33193	33180	0.87	cps
Barium	135-1	1709198	1720112	1693033	1707448	0.80	cps
Barium	137-1	2950036	3011922	2951034	2970997	1.19	cps
Beryllium	9-1	306188	308866	303790	306281	0.83	cps
Bismuth	209-1	4816788	3979782	4548272	4448281	9.61	cps
Bismuth	209-2	3324254	3305499	3309537	3313097	0.30	cps
Boron	10-1	264128	282586	285114	277276	4.13	cps
Boron	11-1	1263147	1359791	1368873	1330604	4.40	cps
Bromine	81-1	6276	6110	6135	6174	1.46	cps
Bromine	81-2	90	110	50	83	36.66	cps
Cadmium	111-1	954250	961572	945020	953614	0.87	cps
Cadmium	106-1	94530	93951	92894	93792	0.88	cps
Cadmium	108-1	66412	68472	65609	66831	2.21	cps
Calcium	43-1	2992	3225	3375	3198	6.04	cps
Calcium	44-1	39336	40171	38952	39486	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1683990	1670462	1671895	1675449	0.44	cps
Cobalt	59-2	3034575	3010039	3004881	3016498	0.53	cps
Copper	63-2	811942	804152	803497	806530	0.58	cps
Dysprosium	156-1	25	17	58	33	66.14	cps
Dysprosium	156-2	23	7	27	19	56.72	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	10	33	27	23	51.50	cps
Gadolinium	160-1	50	58	58	56	8.66	cps
Gadolinium	160-2	40	70	77	62	31.39	cps
Holmium	165-1	8356015	6808784	7884676	7683158	10.32	cps
Holmium	165-2	4844437	4823635	4820075	4829382	0.27	cps
Indium	115-1	6160470	4613116	5257864	5343817	14.54	cps
Indium	115-2	1772636	1778220	1777970	1776275	0.18	cps
Iron	56-2	841109	847936	839878	842975	0.51	cps
Iron	57-2	20804	20976	21477	21086	1.66	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:09:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	102920	102527	99998	101815	1.56	cps
Krypton	83-1	3934	4034	4051	4006	1.58	cps
Lead	206-1	2845611	2871478	2895740	2870943	0.87	cps
Lead	207-1	2484434	2557992	2562604	2535010	1.73	cps
Lead	208-1	11400636	12710014	11576179	11895610	5.97	cps
Lithium	6-1	1567195	1336428	1475939	1459854	7.96	cps
Magnesium	24-2	558	575	550	561	2.27	cps
Manganese	55-2	1169463	1170539	1162686	1167562	0.36	cps
Molybdenum	94-1	951240	954197	942106	949181	0.66	cps
Molybdenum	95-1	1667001	1681042	1644781	1664275	1.10	cps
Molybdenum	96-1	1768852	1784242	1753143	1768746	0.88	cps
Molybdenum	97-1	1036775	1042281	1034523	1037860	0.38	cps
Molybdenum	98-1	2673949	2681951	2660973	2672291	0.40	cps
Neodymium	150-1	153	153	133	147	7.87	cps
Neodymium	150-2	10	10	30	17	69.28	cps
Nickel	60-2	1375739	1365523	1360867	1367376	0.56	cps
Phosphorus	31-2	700	792	667	719	9.00	cps
Potassium	39-2	79898	80702	80886	80495	0.65	cps
Rhodium	103-1	5994708	4489250	5109603	5197854	14.56	cps
Rhodium	103-2	3276894	3272554	3288322	3279257	0.25	cps
Scandium	45-1	4082882	3310199	3681243	3691441	10.47	cps
Scandium	45-2	320754	323298	323684	322579	0.49	cps
Selenium	82-1	64952	65391	64108	64817	1.01	cps
Selenium	77-2	5518	5501	5404	5474	1.12	cps
Selenium	78-2	18593	18306	18458	18452	0.78	cps
Silicon	28-1	1047766	1033105	1017578	1032816	1.46	cps
Silver	107-1	5688505	5645950	5610372	5648275	0.69	cps
Silver	109-1	5357033	5385727	5341290	5361350	0.42	cps
Sodium	23-2	48696	48662	47626	48328	1.26	cps
Strontium	86-1	677793	683471	669425	676897	1.04	cps
Strontium	88-1	6174733	6220165	6122986	6172628	0.79	cps
Sulfur	34-1	567531	540412	519880	542608	4.40	cps
Terbium	159-1	8459392	6980689	8056808	7832296	9.76	cps
Terbium	159-2	4840417	4831250	4851404	4841023	0.21	cps
Thallium	203-1	4072368	4120705	4124977	4106017	0.71	cps
Thallium	205-1	11267270	11341937	11392230	11333812	0.55	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:09:53	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	544	378	406	443	20.18	cps
Tin	118-1	1158	1217	1317	1231	6.51	cps
Titanium	47-1	183	325	183	231	35.48	cps
Uranium	238-1	317	217	300	278	19.29	cps
Vanadium	51-2	2445824	2425316	2412438	2427859	0.69	cps
Yttrium	89-1	10566125	8637240	9713540	9638968	10.03	cps
Yttrium	89-2	2337327	2348666	2354288	2346760	0.37	cps
Zinc	66-2	220833	219665	221290	220596	0.38	cps
Zirconium	90-1	1125	1117	1108	1117	0.75	cps
Zirconium	91-1	400	300	333	344	14.78	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6468	6685	6493	6549	1.81	cps
Antimony	121-1	1450	1408	1217	1358	9.16	cps
Arsenic	75-2	13	20	24	19	29.57	cps
Barium	135-1	275	275	300	283	5.09	cps
Barium	137-1	500	508	467	492	4.48	cps
Beryllium	9-1	183	206	194	194	5.71	cps
Bismuth	209-1	4657113	4624191	4637884	4639729	0.36	cps
Bismuth	209-2	3218602	3214424	3179267	3204098	0.67	cps
Boron	10-1	36269	38123	37004	37132	2.51	cps
Boron	11-1	175413	182790	177952	178718	2.10	cps
Bromine	81-1	6201	6210	5576	5996	6.06	cps
Bromine	81-2	90	70	40	67	37.75	cps
Cadmium	111-1	952	927	885	921	3.70	cps
Cadmium	106-1	4159	4109	3884	4051	3.62	cps
Cadmium	108-1	138	129	138	135	3.57	cps
Calcium	43-1	333	483	433	417	18.33	cps
Calcium	44-1	17260	17235	16918	17138	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1503	1427	1460	1463	2.63	cps
Cobalt	59-2	573	507	537	539	6.20	cps
Copper	63-2	1450	1237	1253	1313	9.03	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	13	40	40	31	49.50	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	83	70	93	82	14.24	cps
Holmium	165-1	7975750	7837121	8051314	7954728	1.37	cps
Holmium	165-2	4636381	4651495	4665093	4650990	0.31	cps
Indium	115-1	5156556	5108858	5133429	5132948	0.46	cps
Indium	115-2	1662513	1654991	1658538	1658680	0.23	cps
Iron	56-2	8903	9131	8669	8901	2.59	cps
Iron	57-2	306	311	267	294	8.22	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1391	1532	1455	4.88	cps
Krypton	83-1	3734	4037	3811	3861	4.09	cps
Lead	206-1	2128	2222	2295	2215	3.77	cps
Lead	207-1	1984	2061	1822	1956	6.23	cps
Lead	208-1	8512	8723	8551	8596	1.31	cps
Lithium	6-1	1506511	1523278	1497099	1508963	0.88	cps
Magnesium	24-2	483	508	508	500	2.89	cps
Manganese	55-2	347	303	273	308	11.98	cps
Molybdenum	94-1	4234	4634	4467	4445	4.52	cps
Molybdenum	95-1	417	467	433	439	5.80	cps
Molybdenum	96-1	1375	1208	1192	1258	8.06	cps
Molybdenum	97-1	408	283	275	322	23.18	cps
Molybdenum	98-1	942	900	625	822	20.93	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	633	613	563	603	5.98	cps
Phosphorus	31-2	733	683	650	689	6.09	cps
Potassium	39-2	80869	81129	79295	80431	1.23	cps
Rhodium	103-1	5152873	5146448	5142342	5147221	0.10	cps
Rhodium	103-2	3223168	3197404	3197470	3206014	0.46	cps
Scandium	45-1	3787311	3736387	3761028	3761575	0.68	cps
Scandium	45-2	312101	313589	312116	312602	0.27	cps
Selenium	82-1	1587	1375	1519	1494	7.25	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	139	128	154	140	9.28	cps
Silicon	28-1	6332693	6358695	6393775	6361721	0.48	cps
Silver	107-1	1092	742	625	819	29.64	cps
Silver	109-1	883	867	642	797	16.93	cps
Sodium	23-2	106148	106206	106635	106330	0.25	cps
Strontium	86-1	6443	6577	6160	6393	3.33	cps
Strontium	88-1	1092	958	792	947	15.87	cps
Sulfur	34-1	469002	460435	455881	461773	1.44	cps
Terbium	159-1	8029758	8085742	8140789	8085430	0.69	cps
Terbium	159-2	4711752	4698544	4672267	4694188	0.43	cps
Thallium	203-1	2392	2325	2050	2256	8.03	cps
Thallium	205-1	5435	5068	5501	5335	4.38	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:12:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	667	617	656	646	4.06	cps
Tin	118-1	8792449	8970502	8810382	8857778	1.11	cps
Titanium	47-1	169984	173220	171005	171403	0.97	cps
Uranium	238-1	225	250	317	264	17.96	cps
Vanadium	51-2	133	157	117	136	14.82	cps
Yttrium	89-1	9844419	9821612	9863558	9843196	0.21	cps
Yttrium	89-2	2283939	2275213	2261764	2273639	0.49	cps
Zinc	66-2	1970	1960	2057	1996	2.66	cps
Zirconium	90-1	11930	12414	12356	12233	2.16	cps
Zirconium	91-1	2259	2800	2850	2636	12.45	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	167	150	178	19.52	cps
Antimony	121-1	808	683	642	711	12.20	cps
Arsenic	75-2	37	39	30	35	13.93	cps
Barium	135-1	733	708	742	728	2.38	cps
Barium	137-1	1167	1292	1308	1256	6.17	cps
Beryllium	9-1	94	178	206	159	36.31	cps
Bismuth	209-1	8126882	7482199	7559082	7722721	4.56	cps
Bismuth	209-2	4297134	4269313	4259940	4275462	0.45	cps
Boron	10-1	5534	4809	4467	4937	11.04	cps
Boron	11-1	24862	24078	23110	24017	3.66	cps
Bromine	81-1	7511	7402	7294	7402	1.46	cps
Bromine	81-2	400	340	360	367	8.33	cps
Cadmium	111-1	1306	1204	1182	1231	5.37	cps
Cadmium	106-1	6126	5643	5551	5774	5.35	cps
Cadmium	108-1	158	154	171	161	5.38	cps
Calcium	43-1	1199750	1173577	1159121	1177483	1.75	cps
Calcium	44-1	18881954	18422643	18235957	18513518	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730	727	743	733	1.20	cps
Cobalt	59-2	237	260	203	233	12.20	cps
Copper	63-2	2204	2187	2067	2152	3.46	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	43	50	17	37	48.10	cps
Gadolinium	160-1	108	75	58	81	31.60	cps
Gadolinium	160-2	107	107	113	109	3.53	cps
Holmium	165-1	12451646	11318732	11291910	11687430	5.66	cps
Holmium	165-2	7223618	7093548	7202477	7173214	0.97	cps
Indium	115-1	9093228	8361991	8416106	8623775	4.72	cps
Indium	115-2	2438930	2428236	2419889	2429018	0.39	cps
Iron	56-2	8503	8814	8858	8725	2.22	cps
Iron	57-2	3350	3923	3601	3625	7.92	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1051	1061	901	1004	8.93	cps
Krypton	83-1	4017	4274	3901	4064	4.70	cps
Lead	206-1	4084	3339	3417	3614	11.33	cps
Lead	207-1	3673	3184	2861	3239	12.61	cps
Lead	208-1	16415	14192	13403	14670	10.65	cps
Lithium	6-1	2255759	2140894	2134615	2177089	3.13	cps
Magnesium	24-2	12936187	13009839	13090849	13012292	0.59	cps
Manganese	55-2	490	397	470	452	10.87	cps
Molybdenum	94-1	917	900	867	895	2.85	cps
Molybdenum	95-1	1383	1375	1250	1336	5.59	cps
Molybdenum	96-1	1517	1675	1300	1497	12.57	cps
Molybdenum	97-1	800	875	875	850	5.09	cps
Molybdenum	98-1	2375	1975	2184	2178	9.19	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	650	713	600	654	8.68	cps
Phosphorus	31-2	592	525	567	561	6.00	cps
Potassium	39-2	5136832	5098852	5281931	5172538	1.87	cps
Rhodium	103-1	8458883	7940370	8017364	8138872	3.44	cps
Rhodium	103-2	4409870	4403384	4355004	4389420	0.68	cps
Scandium	45-1	6153326	5621250	5816368	5863648	4.59	cps
Scandium	45-2	454525	452149	453005	453226	0.27	cps
Selenium	82-1	1510	1204	1576	1430	13.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	202	172	178	11.81	cps
Silicon	28-1	590260	589191	585511	588321	0.42	cps
Silver	107-1	383	358	425	389	8.66	cps
Silver	109-1	275	283	383	314	19.21	cps
Sodium	23-2	48478391	48652202	48909883	48680159	0.45	cps
Strontium	86-1	25556	25782	24596	25312	2.49	cps
Strontium	88-1	164397	161143	160445	161995	1.30	cps
Sulfur	34-1	496411	524352	552776	524513	5.37	cps
Terbium	159-1	12631682	11697564	11544287	11957844	4.92	cps
Terbium	159-2	7232531	7168087	7200959	7200525	0.45	cps
Thallium	203-1	1092	1108	1375	1192	13.34	cps
Thallium	205-1	3359	2909	2950	3073	8.09	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:16:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	561	611	522	565	7.89	cps
Tin	118-1	1800	1733	1675	1736	3.60	cps
Titanium	47-1	125	183	133	147	21.43	cps
Uranium	238-1	275	350	292	306	12.89	cps
Vanadium	51-2	53	103	93	83	31.75	cps
Yttrium	89-1	15339253	14208758	14357514	14635175	4.20	cps
Yttrium	89-2	3262859	3251005	3256461	3256775	0.18	cps
Zinc	66-2	1147	957	1007	1037	9.50	cps
Zirconium	90-1	550	784	458	597	28.08	cps
Zirconium	91-1	75	125	108	103	24.77	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	150	233	206	23.40	cps
Antimony	121-1	400	458	392	417	8.72	cps
Arsenic	75-2	20	30	33	28	24.03	cps
Barium	135-1	350	458	358	389	15.50	cps
Barium	137-1	517	483	683	561	19.10	cps
Beryllium	9-1	133	144	172	150	13.35	cps
Bismuth	209-1	5147134	5033080	5079093	5086436	1.13	cps
Bismuth	209-2	3543607	3563594	3577138	3561446	0.47	cps
Boron	10-1	4042	3709	4017	3923	4.73	cps
Boron	11-1	19104	17577	18111	18264	4.24	cps
Bromine	81-1	7394	7494	7602	7497	1.39	cps
Bromine	81-2	310	330	310	317	3.65	cps
Cadmium	111-1	1053	954	956	988	5.74	cps
Cadmium	106-1	5018	4609	4759	4795	4.31	cps
Cadmium	108-1	138	150	179	156	13.75	cps
Calcium	43-1	459959	461079	457380	459473	0.41	cps
Calcium	44-1	7324948	7216136	7229065	7256716	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	933	930	867	910	4.13	cps
Cobalt	59-2	120	163	170	151	17.97	cps
Copper	63-2	1193	1257	1320	1257	5.04	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	92	33	56	56.79	cps
Erbium	164-2	37	27	20	28	30.20	cps
Gadolinium	160-1	67	75	75	72	6.66	cps
Gadolinium	160-2	83	60	100	81	24.77	cps
Holmium	165-1	9008473	8995336	9011119	9004976	0.09	cps
Holmium	165-2	5337605	5279148	5294667	5303807	0.57	cps
Indium	115-1	6833295	6583306	6723745	6713449	1.87	cps
Indium	115-2	2041425	2027679	2031373	2033493	0.35	cps
Iron	56-2	9965	10070	9787	9941	1.44	cps
Iron	57-2	1483	1545	1600	1543	3.78	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1161	1181	1381	1241	9.81	cps
Krypton	83-1	4217	4047	4104	4123	2.10	cps
Lead	206-1	1650	1606	1806	1687	6.23	cps
Lead	207-1	1572	1483	1639	1565	4.99	cps
Lead	208-1	6734	6745	7029	6836	2.44	cps
Lithium	6-1	1697279	1666432	1659127	1674279	1.21	cps
Magnesium	24-2	5317609	5218385	5175088	5237027	1.40	cps
Manganese	55-2	273	217	197	229	17.37	cps
Molybdenum	94-1	517	608	450	525	15.14	cps
Molybdenum	95-1	767	708	758	744	4.24	cps
Molybdenum	96-1	983	825	800	869	11.43	cps
Molybdenum	97-1	433	425	350	403	11.40	cps
Molybdenum	98-1	958	1075	1317	1117	16.37	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	107	93	127	109	15.41	cps
Phosphorus	31-2	692	700	642	678	4.65	cps
Potassium	39-2	2154087	2150313	2134430	2146277	0.49	cps
Rhodium	103-1	6543942	6374010	6541066	6486339	1.50	cps
Rhodium	103-2	3731248	3711208	3710731	3717729	0.31	cps
Scandium	45-1	4554871	4492415	4494333	4513873	0.79	cps
Scandium	45-2	378561	379621	375466	377883	0.57	cps
Selenium	82-1	1651	1630	1558	1613	3.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	185	193	178	11.02	cps
Silicon	28-1	670994	658099	651234	660109	1.52	cps
Silver	107-1	217	250	392	286	32.48	cps
Silver	109-1	100	183	167	150	29.40	cps
Sodium	23-2	19495652	19709625	19511020	19572099	0.61	cps
Strontium	86-1	14357	13357	13623	13779	3.76	cps
Strontium	88-1	65407	62444	62595	63482	2.63	cps
Sulfur	34-1	615929	618491	617330	617250	0.21	cps
Terbium	159-1	9150620	9299950	9390449	9280340	1.31	cps
Terbium	159-2	5411083	5362655	5344332	5372690	0.64	cps
Thallium	203-1	1050	1058	1042	1050	0.79	cps
Thallium	205-1	2475	2192	2159	2275	7.65	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:19:01	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	672	833	817	774	11.45	cps
Tin	118-1	1308	1835	1367	1503	19.19	cps
Titanium	47-1	192	150	258	200	27.32	cps
Uranium	238-1	283	392	217	297	29.72	cps
Vanadium	51-2	53	87	103	81	31.39	cps
Yttrium	89-1	11592955	11515944	11512065	11540321	0.40	cps
Yttrium	89-2	2708237	2695625	2750386	2718083	1.06	cps
Zinc	66-2	380	403	363	382	5.26	cps
Zirconium	90-1	508	517	617	547	11.02	cps
Zirconium	91-1	83	67	117	89	28.64	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3592	3567	3292	3484	4.78	cps
Antimony	121-1	333	458	500	431	20.14	cps
Arsenic	75-2	28	37	13	26	46.85	cps
Barium	135-1	208	142	108	153	33.33	cps
Barium	137-1	400	242	200	281	37.61	cps
Beryllium	9-1	172	139	217	176	22.18	cps
Bismuth	209-1	4820150	4695945	4732933	4749676	1.34	cps
Bismuth	209-2	3340007	3356384	3324949	3340447	0.47	cps
Boron	10-1	16518	16668	17168	16785	2.03	cps
Boron	11-1	77825	80781	83747	80784	3.67	cps
Bromine	81-1	6860	6368	6318	6516	4.60	cps
Bromine	81-2	110	140	180	143	24.50	cps
Cadmium	111-1	920	838	926	895	5.47	cps
Cadmium	106-1	4609	4342	4484	4479	2.98	cps
Cadmium	108-1	146	192	113	150	26.50	cps
Calcium	43-1	483	558	517	519	7.23	cps
Calcium	44-1	18937	18779	19338	19018	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1270	1323	1140	1245	7.58	cps
Cobalt	59-2	387	333	347	356	7.81	cps
Copper	63-2	1280	1277	1260	1272	0.84	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	47	13	47	36	54.14	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	70	70	43	61	25.20	cps
Holmium	165-1	8333409	8242613	8291963	8289328	0.55	cps
Holmium	165-2	4931022	4917509	4897886	4915472	0.34	cps
Indium	115-1	5613122	5516504	5546197	5558608	0.89	cps
Indium	115-2	1807162	1820798	1814443	1814134	0.38	cps
Iron	56-2	9926	9903	9876	9902	0.25	cps
Iron	57-2	294	278	378	317	16.92	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1532	1341	1438	6.62	cps
Krypton	83-1	4157	4477	4227	4287	3.92	cps
Lead	206-1	1445	1628	1572	1548	6.07	cps
Lead	207-1	1361	1467	1350	1393	4.62	cps
Lead	208-1	5940	6367	6217	6175	3.52	cps
Lithium	6-1	1557581	1540828	1571357	1556588	0.98	cps
Magnesium	24-2	700	825	617	714	14.69	cps
Manganese	55-2	207	197	220	208	5.63	cps
Molybdenum	94-1	2359	2484	2734	2525	7.56	cps
Molybdenum	95-1	267	267	292	275	5.25	cps
Molybdenum	96-1	667	658	783	703	9.95	cps
Molybdenum	97-1	150	275	142	189	39.54	cps
Molybdenum	98-1	425	433	350	403	11.40	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	350	357	383	363	4.85	cps
Phosphorus	31-2	683	658	583	642	8.11	cps
Potassium	39-2	85286	85529	85344	85386	0.15	cps
Rhodium	103-1	5570337	5452699	5455138	5492725	1.22	cps
Rhodium	103-2	3408553	3422091	3400411	3410352	0.32	cps
Scandium	45-1	4204462	4104541	4106793	4138599	1.38	cps
Scandium	45-2	338430	341221	340193	339948	0.42	cps
Selenium	82-1	1543	1305	1344	1397	9.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	183	185	175	9.50	cps
Silicon	28-1	3777872	3772122	3748419	3766138	0.41	cps
Silver	107-1	333	250	200	261	25.80	cps
Silver	109-1	167	183	167	172	5.59	cps
Sodium	23-2	78462	79485	79317	79088	0.69	cps
Strontium	86-1	7019	6518	7244	6927	5.36	cps
Strontium	88-1	658	867	733	753	14.02	cps
Sulfur	34-1	597796	589301	584348	590482	1.15	cps
Terbium	159-1	8557608	8493749	8513499	8521619	0.38	cps
Terbium	159-2	4923234	4961691	4902277	4929067	0.61	cps
Thallium	203-1	1000	858	1033	964	9.64	cps
Thallium	205-1	2550	2317	2509	2459	5.06	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:22:03	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	817	689	667	724	11.18	cps
Tin	118-1	4176559	4228138	4234773	4213157	0.76	cps
Titanium	47-1	94006	94803	93545	94118	0.68	cps
Uranium	238-1	233	325	358	306	21.18	cps
Vanadium	51-2	93	73	70	79	16.00	cps
Yttrium	89-1	10769411	10485006	10592485	10615634	1.35	cps
Yttrium	89-2	2445443	2473663	2447303	2455469	0.64	cps
Zinc	66-2	1713	1740	1610	1688	4.07	cps
Zirconium	90-1	6502	6126	6277	6302	3.00	cps
Zirconium	91-1	1300	1458	1175	1311	10.83	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6349377	6226502	6297557	6291145	0.98	cps
Antimony	121-1	3063848	3078139	3044062	3062016	0.56	cps
Arsenic	75-2	169824	168466	167333	168541	0.74	cps
Barium	135-1	3616154	3601386	3599243	3605594	0.26	cps
Barium	137-1	6906917	6853914	6893646	6884826	0.40	cps
Beryllium	9-1	674782	681895	681138	679272	0.58	cps
Bismuth	209-1	4447924	4474980	4448894	4457266	0.34	cps
Bismuth	209-2	3080720	3061627	3068290	3070212	0.32	cps
Boron	10-1	73628	78084	79374	77029	3.91	cps
Boron	11-1	355090	370758	377943	367930	3.18	cps
Bromine	81-1	6093	5760	5785	5879	3.16	cps
Bromine	81-2	90	30	80	67	48.22	cps
Cadmium	111-1	702329	703670	701798	702599	0.14	cps
Cadmium	106-1	88474	89624	88710	88936	0.68	cps
Cadmium	108-1	58582	59085	57846	58504	1.06	cps
Calcium	43-1	4832936	4809882	4792763	4811860	0.42	cps
Calcium	44-1	76511823	75985418	74871912	75789718	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1431597	1416474	1416702	1421591	0.61	cps
Cobalt	59-2	2058458	2027770	2036615	2040948	0.77	cps
Copper	63-2	14332825	14216764	14222461	14257350	0.46	cps
Dysprosium	156-1	858	992	800	883	11.12	cps
Dysprosium	156-2	600	670	623	631	5.65	cps
Erbium	164-1	100	225	242	189	40.99	cps
Erbium	164-2	100	107	113	107	6.25	cps
Gadolinium	160-1	942	1017	983	981	3.83	cps
Gadolinium	160-2	693	797	720	737	7.28	cps
Holmium	165-1	8151056	8232103	8165164	8182774	0.53	cps
Holmium	165-2	4770129	4757346	4750159	4759211	0.21	cps
Indium	115-1	5278978	5257261	5260778	5265672	0.22	cps
Indium	115-2	1711182	1690534	1687865	1696527	0.75	cps
Iron	56-2	322670352	317011163	317943796	319208437	0.95	cps
Iron	57-2	7979634	7840310	7899996	7906647	0.88	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17511289	17247018	17297484	17351931	0.81	cps
Krypton	83-1	4034	4201	3991	4075	2.72	cps
Lead	206-1	13484757	13300533	13630284	13471858	1.23	cps
Lead	207-1	12294792	12228394	12408296	12310494	0.74	cps
Lead	208-1	54927934	54682692	55274087	54961571	0.54	cps
Lithium	6-1	1499400	1514296	1516172	1509956	0.61	cps
Magnesium	24-2	66322683	65457358	64815574	65531872	1.15	cps
Manganese	55-2	10074258	10053549	9953831	10027213	0.64	cps
Molybdenum	94-1	6903948	6793245	6797581	6831591	0.92	cps
Molybdenum	95-1	8521864	8449372	8397377	8456204	0.74	cps
Molybdenum	96-1	9255578	9218644	9160941	9211721	0.52	cps
Molybdenum	97-1	4993821	4989473	4928197	4970497	0.74	cps
Molybdenum	98-1	13549742	13491703	13313021	13451488	0.92	cps
Neodymium	150-1	220	273	220	238	12.95	cps
Neodymium	150-2	70	87	50	69	26.65	cps
Nickel	60-2	522640	513270	518819	518243	0.91	cps
Phosphorus	31-2	73799	72116	70173	72030	2.52	cps
Potassium	39-2	35753370	35682334	35566583	35667429	0.26	cps
Rhodium	103-1	5030753	4980102	4953916	4988257	0.78	cps
Rhodium	103-2	3082415	3038449	3052724	3057863	0.73	cps
Scandium	45-1	3944772	3921928	3864502	3910401	1.06	cps
Scandium	45-2	319158	317702	322204	319688	0.72	cps
Selenium	82-1	50451	49936	49521	49969	0.93	cps
Selenium	77-2	4321	4164	4067	4184	3.06	cps
Selenium	78-2	14376	14355	13966	14232	1.62	cps
Silicon	28-1	2956439	3034533	3055764	3015579	1.73	cps
Silver	107-1	3780931	3826556	3774505	3793997	0.75	cps
Silver	109-1	3621842	3606165	3608972	3612326	0.23	cps
Sodium	23-2	110171790	110214148	109080652	109822197	0.59	cps
Strontium	86-1	937563	941428	926626	935205	0.82	cps
Strontium	88-1	8673630	8708231	8534398	8638753	1.07	cps
Sulfur	34-1	860120	832143	818854	837039	2.52	cps
Terbium	159-1	8361167	8380845	8352591	8364867	0.17	cps
Terbium	159-2	4800445	4790821	4773892	4788386	0.28	cps
Thallium	203-1	2807567	2799767	2801921	2803085	0.14	cps
Thallium	205-1	7847446	7783481	7915242	7848723	0.84	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:35:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12413483	12449572	12595884	12486313	0.77	cps
Tin	118-1	2304048	2327284	2287589	2306307	0.86	cps
Titanium	47-1	2273156	2244984	2212055	2243398	1.36	cps
Uranium	238-1	11204197	11205979	11274922	11228366	0.36	cps
Vanadium	51-2	1248091	1234592	1228112	1236932	0.82	cps
Yttrium	89-1	10230369	10200047	10176083	10202166	0.27	cps
Yttrium	89-2	2335314	2315094	2318970	2323126	0.46	cps
Zinc	66-2	2317630	2290605	2280913	2296383	0.83	cps
Zirconium	90-1	5202428	5221855	5164917	5196400	0.56	cps
Zirconium	91-1	1163377	1156979	1142946	1154434	0.91	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 19:49:50 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	292	283	278	6.25	cps
Antimony	121-1	533	717	500	583	20.00	cps
Arsenic	75-2	31	31	30	31	3.46	cps
Barium	135-1	133	75	108	106	27.73	cps
Barium	137-1	167	133	150	150	11.11	cps
Beryllium	9-1	133	122	133	130	4.95	cps
Bismuth	209-1	4660156	4654355	4688190	4667567	0.39	cps
Bismuth	209-2	3309517	3291790	3270333	3290546	0.60	cps
Boron	10-1	1008	950	983	981	2.98	cps
Boron	11-1	5059	4768	5143	4990	3.95	cps
Bromine	81-1	6443	6126	6477	6349	3.04	cps
Bromine	81-2	170	250	180	200	21.79	cps
Cadmium	111-1	751	781	771	768	1.99	cps
Cadmium	106-1	3776	3809	3892	3826	1.57	cps
Cadmium	108-1	154	121	129	135	12.87	cps
Calcium	43-1	392	275	350	339	17.45	cps
Calcium	44-1	13824	13682	15083	14196	5.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	963	1037	1120	1040	7.54	cps
Cobalt	59-2	217	197	183	199	8.43	cps
Copper	63-2	1343	1383	1353	1360	1.53	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	33	58	50	28.87	cps
Erbium	164-2	23	20	27	23	14.29	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	60	87	53	67	26.46	cps
Holmium	165-1	8018653	8044223	8144828	8069235	0.83	cps
Holmium	165-2	4824870	4764480	4800140	4796497	0.63	cps
Indium	115-1	5449357	5465545	5470724	5461875	0.20	cps
Indium	115-2	1808454	1803726	1802692	1804957	0.17	cps
Iron	56-2	12533	12289	12005	12276	2.15	cps
Iron	57-2	367	356	406	376	6.98	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:49:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1552	1922	1392	1622	16.78	cps
Krypton	83-1	3927	3977	4254	4053	4.34	cps
Lead	206-1	1356	1467	1372	1398	4.29	cps
Lead	207-1	1189	1245	1133	1189	4.67	cps
Lead	208-1	5667	5556	5356	5526	2.85	cps
Lithium	6-1	1516501	1491983	1492287	1500257	0.94	cps
Magnesium	24-2	1875	1625	1542	1681	10.32	cps
Manganese	55-2	247	287	307	280	10.91	cps
Molybdenum	94-1	533	558	450	514	11.04	cps
Molybdenum	95-1	350	317	200	289	27.26	cps
Molybdenum	96-1	475	433	400	436	8.62	cps
Molybdenum	97-1	258	175	283	239	23.74	cps
Molybdenum	98-1	500	675	433	536	23.28	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	70	67	73	12.02	cps
Phosphorus	31-2	667	575	542	594	10.89	cps
Potassium	39-2	81959	82269	82730	82319	0.47	cps
Rhodium	103-1	5321032	5291170	5309179	5307127	0.28	cps
Rhodium	103-2	3360300	3328848	3329861	3339670	0.54	cps
Scandium	45-1	3935544	3893629	3914311	3914495	0.54	cps
Scandium	45-2	328325	328333	331914	329524	0.63	cps
Selenium	82-1	1532	1577	1284	1464	10.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	157	202	174	178	12.63	cps
Silicon	28-1	629072	625578	624002	626218	0.41	cps
Silver	107-1	233	183	200	206	12.38	cps
Silver	109-1	92	100	125	106	16.43	cps
Sodium	23-2	38575	38725	38107	38469	0.84	cps
Strontium	86-1	6710	6402	6777	6629	3.02	cps
Strontium	88-1	600	467	567	544	12.74	cps
Sulfur	34-1	523166	523169	520236	522190	0.32	cps
Terbium	159-1	8161671	8181290	8382197	8241719	1.48	cps
Terbium	159-2	4832244	4845094	4858031	4845123	0.27	cps
Thallium	203-1	500	558	400	486	16.47	cps
Thallium	205-1	1525	1517	1367	1470	6.06	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 19:49:50	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1028	978	1022	1009	2.72	cps
Tin	118-1	750	608	867	742	17.44	cps
Titanium	47-1	125	125	158	136	14.14	cps
Uranium	238-1	467	417	475	453	6.97	cps
Vanadium	51-2	63	47	73	61	22.04	cps
Yttrium	89-1	10254920	10107859	10097622	10153467	0.87	cps
Yttrium	89-2	2399748	2397969	2396282	2398000	0.07	cps
Zinc	66-2	257	253	247	252	2.02	cps
Zirconium	90-1	908	942	900	917	2.40	cps
Zirconium	91-1	233	183	108	175	35.95	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52727	52543	50687	51985	2.17	cps
Antimony	121-1	2025204	2015632	2007721	2016186	0.43	cps
Arsenic	75-2	17257	17268	17218	17247	0.15	cps
Barium	135-1	873059	868409	863185	868218	0.57	cps
Barium	137-1	1528306	1511006	1509511	1516274	0.69	cps
Beryllium	9-1	155026	154588	150801	153472	1.51	cps
Bismuth	209-1	4833581	4798402	4746677	4792886	0.91	cps
Bismuth	209-2	3370789	3370476	3363268	3368178	0.13	cps
Boron	10-1	133298	140959	145004	139753	4.25	cps
Boron	11-1	633493	676418	685564	665158	4.18	cps
Bromine	81-1	6051	5735	6143	5976	3.59	cps
Bromine	81-2	110	130	100	113	13.48	cps
Cadmium	111-1	486285	485581	482956	484941	0.36	cps
Cadmium	106-1	48659	48692	47822	48391	1.02	cps
Cadmium	108-1	34400	33790	33836	34009	1.00	cps
Calcium	43-1	1809	2109	2042	1986	7.93	cps
Calcium	44-1	31275	30574	30323	30724	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	876720	871687	863382	870596	0.77	cps
Cobalt	59-2	1581271	1578558	1558046	1572625	0.81	cps
Copper	63-2	420357	420076	416663	419032	0.49	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	20	20	37	26	37.66	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	53	50	53	52	3.68	cps
Holmium	165-1	8321354	8408264	8269316	8332978	0.84	cps
Holmium	165-2	4991893	4930522	4921940	4948118	0.77	cps
Indium	115-1	5654117	5632475	5609572	5632055	0.40	cps
Indium	115-2	1868789	1855671	1837405	1853955	0.85	cps
Iron	56-2	446006	443587	441009	443534	0.56	cps
Iron	57-2	10999	10615	10821	10812	1.78	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	55932	52315	51572	53273	4.38	cps
Krypton	83-1	4197	4351	4087	4212	3.14	cps
Lead	206-1	1471776	1455859	1442083	1456572	1.02	cps
Lead	207-1	1282482	1273128	1277325	1277645	0.37	cps
Lead	208-1	5850969	5811054	5799318	5820447	0.47	cps
Lithium	6-1	1534965	1537247	1550570	1540927	0.55	cps
Magnesium	24-2	900	942	725	856	13.44	cps
Manganese	55-2	611989	608633	603259	607961	0.72	cps
Molybdenum	94-1	490641	488294	482349	487095	0.88	cps
Molybdenum	95-1	853849	850380	849736	851322	0.26	cps
Molybdenum	96-1	899996	912352	898458	903602	0.84	cps
Molybdenum	97-1	528034	530346	525899	528093	0.42	cps
Molybdenum	98-1	1364201	1365493	1353754	1361149	0.47	cps
Neodymium	150-1	107	67	67	80	28.87	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	712033	716471	704789	711098	0.83	cps
Phosphorus	31-2	783	650	808	747	11.39	cps
Potassium	39-2	82159	80140	80970	81090	1.25	cps
Rhodium	103-1	5447295	5472591	5418823	5446236	0.49	cps
Rhodium	103-2	3426086	3412076	3402943	3413702	0.34	cps
Scandium	45-1	4065007	4039766	3999623	4034799	0.82	cps
Scandium	45-2	337879	337435	334255	336523	0.59	cps
Selenium	82-1	33496	33584	33533	33538	0.13	cps
Selenium	77-2	2940	2817	2747	2835	3.45	cps
Selenium	78-2	9985	9716	9451	9717	2.75	cps
Silicon	28-1	826285	821730	816301	821439	0.61	cps
Silver	107-1	2892637	2887027	2879214	2886293	0.23	cps
Silver	109-1	2751182	2729037	2729809	2736676	0.46	cps
Sodium	23-2	43221	43513	42753	43163	0.89	cps
Strontium	86-1	351637	350743	345405	349262	0.96	cps
Strontium	88-1	2993426	2965867	2969433	2976242	0.50	cps
Sulfur	34-1	518787	514719	503673	512393	1.53	cps
Terbium	159-1	8430505	8689695	8444145	8521448	1.71	cps
Terbium	159-2	4993437	4969679	4949826	4970981	0.44	cps
Thallium	203-1	2095498	2086331	2071327	2084385	0.59	cps
Thallium	205-1	5027243	5009905	4967289	5001479	0.62	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:52:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	783	906	789	826	8.36	cps
Tin	118-1	992	958	958	970	1.99	cps
Titanium	47-1	258	242	275	258	6.45	cps
Uranium	238-1	275	283	392	317	20.55	cps
Vanadium	51-2	1272360	1261117	1247763	1260413	0.98	cps
Yttrium	89-1	10527277	10507373	10474100	10502917	0.26	cps
Yttrium	89-2	2469391	2448217	2425865	2447824	0.89	cps
Zinc	66-2	117131	116096	114994	116074	0.92	cps
Zirconium	90-1	867	1150	925	981	15.26	cps
Zirconium	91-1	275	408	275	319	24.10	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3267	3651	3551	3489	5.70	cps
Antimony	121-1	1008	867	892	922	8.20	cps
Arsenic	75-2	26	19	17	20	24.05	cps
Barium	135-1	200	150	233	194	21.57	cps
Barium	137-1	283	383	325	331	15.20	cps
Beryllium	9-1	150	133	117	133	12.50	cps
Bismuth	209-1	4611668	4760921	4747961	4706850	1.76	cps
Bismuth	209-2	3359096	3338365	3342195	3346552	0.33	cps
Boron	10-1	19338	20406	19671	19805	2.76	cps
Boron	11-1	91735	95610	97637	94994	3.16	cps
Bromine	81-1	6251	5851	6168	6090	3.47	cps
Bromine	81-2	110	110	70	97	23.89	cps
Cadmium	111-1	858	905	817	860	5.10	cps
Cadmium	106-1	3917	4484	3942	4115	7.78	cps
Cadmium	108-1	108	179	179	156	26.29	cps
Calcium	43-1	475	367	358	400	16.27	cps
Calcium	44-1	16902	15725	16034	16220	3.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1283	1270	1263	1.90	cps
Cobalt	59-2	437	377	390	401	7.85	cps
Copper	63-2	1223	1253	1143	1207	4.71	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	73	83	80	79	6.45	cps
Holmium	165-1	7932079	8218351	8234239	8128223	2.09	cps
Holmium	165-2	4941173	4889705	4883711	4904863	0.64	cps
Indium	115-1	5291413	5461792	5451751	5401652	1.77	cps
Indium	115-2	1822908	1791553	1788883	1801115	1.05	cps
Iron	56-2	9025	8419	8647	8697	3.52	cps
Iron	57-2	261	317	328	302	11.83	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1722	1562	1201	1495	17.84	cps
Krypton	83-1	4007	4067	4121	4065	1.40	cps
Lead	206-1	1595	1767	1739	1700	5.44	cps
Lead	207-1	1522	1650	1500	1558	5.20	cps
Lead	208-1	6812	6923	7112	6949	2.18	cps
Lithium	6-1	1493565	1540151	1513794	1515837	1.54	cps
Magnesium	24-2	717	583	633	644	10.45	cps
Manganese	55-2	303	227	193	241	23.39	cps
Molybdenum	94-1	3567	3417	3400	3462	2.65	cps
Molybdenum	95-1	475	367	383	408	14.29	cps
Molybdenum	96-1	1158	958	892	1003	13.84	cps
Molybdenum	97-1	275	200	192	222	20.65	cps
Molybdenum	98-1	650	475	517	547	16.71	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	377	377	453	402	11.00	cps
Phosphorus	31-2	733	608	642	661	9.79	cps
Potassium	39-2	83274	82486	81724	82495	0.94	cps
Rhodium	103-1	5225106	5380388	5401123	5335539	1.80	cps
Rhodium	103-2	3443044	3380019	3333200	3385421	1.63	cps
Scandium	45-1	3881172	4001149	3985223	3955848	1.65	cps
Scandium	45-2	340453	334782	333472	336236	1.10	cps
Selenium	82-1	1508	1512	1469	1497	1.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	169	152	180	167	8.39	cps
Silicon	28-1	3651761	3710640	3676939	3679780	0.80	cps
Silver	107-1	775	675	458	636	25.45	cps
Silver	109-1	708	458	542	569	22.35	cps
Sodium	23-2	71981	72952	71955	72296	0.79	cps
Strontium	86-1	6560	6643	7135	6780	4.59	cps
Strontium	88-1	667	775	550	664	16.95	cps
Sulfur	34-1	494289	495683	493374	494449	0.24	cps
Terbium	159-1	8213701	8375230	8386923	8325285	1.16	cps
Terbium	159-2	4967286	4907898	4896155	4923780	0.77	cps
Thallium	203-1	1458	1175	1383	1339	10.96	cps
Thallium	205-1	3367	3426	3092	3295	5.40	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1560-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:56:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	811	750	733	765	5.35	cps
Tin	118-1	4293405	4318995	4302401	4304934	0.30	cps
Titanium	47-1	91306	92932	92714	92317	0.96	cps
Uranium	238-1	333	267	358	319	14.83	cps
Vanadium	51-2	100	147	107	118	21.43	cps
Yttrium	89-1	10067903	10363735	10437698	10289779	1.90	cps
Yttrium	89-2	2471944	2418707	2417339	2435997	1.28	cps
Zinc	66-2	1447	1433	1393	1425	1.95	cps
Zirconium	90-1	8845	9320	9470	9212	3.54	cps
Zirconium	91-1	2350	1917	2092	2120	10.29	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51898	51915	52359	52057	0.50	cps
Antimony	121-1	1999719	2006235	2006591	2004182	0.19	cps
Arsenic	75-2	17533	17468	17557	17519	0.26	cps
Barium	135-1	860875	866120	865389	864128	0.33	cps
Barium	137-1	1497380	1521046	1516066	1511498	0.83	cps
Beryllium	9-1	150391	154312	152124	152276	1.29	cps
Bismuth	209-1	4892780	4646046	4724544	4754457	2.65	cps
Bismuth	209-2	3358369	3376763	3327763	3354298	0.74	cps
Boron	10-1	133501	143414	145678	140864	4.60	cps
Boron	11-1	643257	682627	703430	676438	4.52	cps
Bromine	81-1	6001	6210	6168	6126	1.80	cps
Bromine	81-2	140	120	80	113	26.96	cps
Cadmium	111-1	482950	485302	486783	485012	0.40	cps
Cadmium	106-1	48993	48935	48533	48820	0.51	cps
Cadmium	108-1	33899	34584	33924	34136	1.14	cps
Calcium	43-1	1842	1792	1892	1842	2.72	cps
Calcium	44-1	26583	26842	26583	26669	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	878534	876301	867602	874146	0.66	cps
Cobalt	59-2	1594194	1592117	1568181	1584830	0.91	cps
Copper	63-2	421661	421139	416724	419841	0.65	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	40	13	23	26	52.73	cps
Gadolinium	160-1	100	75	33	69	48.50	cps
Gadolinium	160-2	50	47	47	48	4.02	cps
Holmium	165-1	8462980	8065774	8099763	8209506	2.68	cps
Holmium	165-2	4953585	4911892	4902420	4922633	0.55	cps
Indium	115-1	6324159	5435076	5478886	5746040	8.72	cps
Indium	115-2	1836885	1831800	1830193	1832959	0.19	cps
Iron	56-2	443993	445474	439934	443134	0.65	cps
Iron	57-2	11154	10760	10682	10865	2.33	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	54807	54486	53742	54345	1.01	cps
Krypton	83-1	4064	4231	4357	4217	3.49	cps
Lead	206-1	1433380	1454823	1464136	1450780	1.09	cps
Lead	207-1	1260515	1282909	1291220	1278215	1.24	cps
Lead	208-1	5742956	5837987	5840984	5807309	0.96	cps
Lithium	6-1	1519414	1494011	1504134	1505853	0.85	cps
Magnesium	24-2	450	308	475	411	21.86	cps
Manganese	55-2	614360	609692	605117	609723	0.76	cps
Molybdenum	94-1	480092	487740	487630	485154	0.90	cps
Molybdenum	95-1	848605	851492	858206	852768	0.58	cps
Molybdenum	96-1	900350	910520	903489	904786	0.58	cps
Molybdenum	97-1	523328	529326	526641	526431	0.57	cps
Molybdenum	98-1	1354176	1372436	1354444	1360352	0.77	cps
Neodymium	150-1	47	47	80	58	33.30	cps
Neodymium	150-2	23	7	7	12	78.69	cps
Nickel	60-2	715744	718499	706864	713702	0.85	cps
Phosphorus	31-2	625	808	683	706	13.28	cps
Potassium	39-2	80098	79369	80517	79995	0.73	cps
Rhodium	103-1	6072198	5281006	5342377	5565194	7.91	cps
Rhodium	103-2	3392971	3371526	3364137	3376211	0.44	cps
Scandium	45-1	4114550	3904478	3944786	3987938	2.80	cps
Scandium	45-2	333813	334927	330997	333246	0.61	cps
Selenium	82-1	33290	33274	33972	33512	1.19	cps
Selenium	77-2	2987	2914	2857	2919	2.23	cps
Selenium	78-2	9926	9801	9864	9864	0.63	cps
Silicon	28-1	869252	847587	837707	851515	1.89	cps
Silver	107-1	2872698	2881899	2856279	2870292	0.45	cps
Silver	109-1	2735891	2753145	2754241	2747759	0.37	cps
Sodium	23-2	41591	40555	41884	41343	1.69	cps
Strontium	86-1	349555	353036	347220	349937	0.84	cps
Strontium	88-1	2966088	2998430	2984384	2982967	0.54	cps
Sulfur	34-1	492965	490314	488903	490727	0.42	cps
Terbium	159-1	8628302	8374072	8357077	8453150	1.80	cps
Terbium	159-2	4923180	4929275	4905177	4919211	0.25	cps
Thallium	203-1	2065588	2073910	2045906	2061802	0.70	cps
Thallium	205-1	4930120	4994285	4944845	4956416	0.68	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	M1559-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-03-11 19:59:07	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	544	533	511	530	3.20	cps
Tin	118-1	2975	2367	2184	2509	16.52	cps
Titanium	47-1	267	250	258	258	3.23	cps
Uranium	238-1	308	342	200	283	26.14	cps
Vanadium	51-2	1268037	1270058	1257969	1265354	0.51	cps
Yttrium	89-1	10691357	10219495	10290686	10400513	2.45	cps
Yttrium	89-2	2425704	2439489	2419211	2428135	0.43	cps
Zinc	66-2	115213	114699	115159	115024	0.25	cps
Zirconium	90-1	683	908	825	806	14.12	cps
Zirconium	91-1	292	208	242	247	16.97	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135095BL Instrumnet Name : P7
 Client Sample ID : PB135095BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:10:15 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	225	206	8.44	cps
Antimony	121-1	458	442	433	444	2.86	cps
Arsenic	75-2	15	24	33	24	38.47	cps
Barium	135-1	75	25	75	58	49.49	cps
Barium	137-1	83	175	142	133	34.80	cps
Beryllium	9-1	117	156	167	146	17.95	cps
Bismuth	209-1	4618277	4603177	4647820	4623091	0.49	cps
Bismuth	209-2	3244829	3314031	3255168	3271343	1.14	cps
Boron	10-1	1650	1567	1700	1639	4.11	cps
Boron	11-1	8361	7952	7510	7941	5.36	cps
Bromine	81-1	5893	6385	6377	6218	4.53	cps
Bromine	81-2	250	90	110	150	58.12	cps
Cadmium	111-1	822	789	762	791	3.80	cps
Cadmium	106-1	4042	3909	3901	3951	2.01	cps
Cadmium	108-1	142	121	175	146	18.73	cps
Calcium	43-1	292	275	217	261	15.08	cps
Calcium	44-1	12939	12981	12764	12895	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1163	1200	1080	1148	5.36	cps
Cobalt	59-2	217	190	183	197	8.97	cps
Copper	63-2	1013	1117	1140	1090	6.18	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	13	30	27	23	37.81	cps
Gadolinium	160-1	42	67	25	44	47.19	cps
Gadolinium	160-2	53	53	40	49	15.74	cps
Holmium	165-1	8084198	8085538	8093260	8087665	0.06	cps
Holmium	165-2	4822492	4848706	4787774	4819657	0.63	cps
Indium	115-1	5434970	5475119	5453394	5454494	0.37	cps
Indium	115-2	1809690	1825618	1802234	1812514	0.66	cps
Iron	56-2	6674	6763	6691	6709	0.70	cps
Iron	57-2	233	217	172	207	15.23	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135095BL Instrumnet Name : P7
 Client Sample ID : PB135095BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:10:15 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1251	1281	1241	1258	1.66	cps
Krypton	83-1	4174	4027	4041	4081	1.99	cps
Lead	206-1	995	1056	1050	1033	3.27	cps
Lead	207-1	883	928	817	876	6.38	cps
Lead	208-1	3778	4161	3973	3971	4.83	cps
Lithium	6-1	1489764	1489547	1480219	1486510	0.37	cps
Magnesium	24-2	342	292	333	322	8.31	cps
Manganese	55-2	163	183	253	200	23.63	cps
Molybdenum	94-1	350	275	208	278	25.52	cps
Molybdenum	95-1	233	275	217	242	12.43	cps
Molybdenum	96-1	292	275	292	286	3.36	cps
Molybdenum	97-1	117	108	83	103	16.88	cps
Molybdenum	98-1	225	317	358	300	22.74	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	77	107	87	19.98	cps
Phosphorus	31-2	758	642	775	725	10.02	cps
Potassium	39-2	82369	78817	79362	80183	2.39	cps
Rhodium	103-1	5301810	5348880	5338392	5329694	0.46	cps
Rhodium	103-2	3352616	3366233	3355763	3358204	0.21	cps
Scandium	45-1	3972548	3988577	3967060	3976062	0.28	cps
Scandium	45-2	331675	337260	337713	335549	1.00	cps
Selenium	82-1	1391	1399	1561	1450	6.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	183	165	172	173	5.37	cps
Silicon	28-1	652484	645497	639688	645890	0.99	cps
Silver	107-1	117	167	217	167	30.00	cps
Silver	109-1	133	108	133	125	11.55	cps
Sodium	23-2	31642	30715	31116	31158	1.49	cps
Strontium	86-1	5943	6685	6577	6402	6.26	cps
Strontium	88-1	450	333	425	403	15.25	cps
Sulfur	34-1	513286	509456	513544	512095	0.45	cps
Terbium	159-1	8278730	8281604	8269852	8276729	0.07	cps
Terbium	159-2	4802030	4866353	4838415	4835599	0.67	cps
Thallium	203-1	408	567	633	536	21.56	cps
Thallium	205-1	1275	1642	1392	1436	13.04	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BL	Instrumnet Name :	P7
Client Sample ID :	PB135095BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:10:15	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	583	539	483	535	9.36	cps
Tin	118-1	725	758	808	764	5.49	cps
Titanium	47-1	100	125	142	122	17.16	cps
Uranium	238-1	383	333	283	333	15.00	cps
Vanadium	51-2	87	47	47	60	38.49	cps
Yttrium	89-1	10221664	10301446	10271271	10264793	0.39	cps
Yttrium	89-2	2413451	2431704	2408890	2418015	0.50	cps
Zinc	66-2	193	223	177	198	11.96	cps
Zirconium	90-1	533	492	542	522	5.13	cps
Zirconium	91-1	50	83	67	67	25.00	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BS	Instrumnet Name :	P7
Client Sample ID :	PB135095BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:13:22	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1243129	1234437	1248089	1241885	0.56	cps
Antimony	121-1	3052788	3094355	3061468	3069537	0.71	cps
Arsenic	75-2	168683	168318	169114	168705	0.24	cps
Barium	135-1	3619175	3626671	3571244	3605696	0.83	cps
Barium	137-1	6967895	6912750	6880840	6920495	0.64	cps
Beryllium	9-1	675374	679017	672526	675639	0.48	cps
Bismuth	209-1	4633791	4652423	4645623	4643946	0.20	cps
Bismuth	209-2	3226920	3195674	3238443	3220346	0.69	cps
Boron	10-1	71343	76132	77062	74846	4.10	cps
Boron	11-1	343589	362924	368557	358357	3.65	cps
Bromine	81-1	5768	5810	5885	5821	1.02	cps
Bromine	81-2	80	50	70	67	22.91	cps
Cadmium	111-1	722205	723624	714569	720133	0.68	cps
Cadmium	106-1	91083	90361	89221	90221	1.04	cps
Cadmium	108-1	59658	59352	59026	59345	0.53	cps
Calcium	43-1	989442	977915	960542	975966	1.49	cps
Calcium	44-1	15484708	15226743	15187844	15299765	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1444585	1427901	1428110	1433532	0.67	cps
Cobalt	59-2	2082170	2053469	2092672	2076103	0.98	cps
Copper	63-2	14918394	14962354	15080541	14987097	0.56	cps
Dysprosium	156-1	242	350	217	269	26.30	cps
Dysprosium	156-2	163	130	123	139	15.43	cps
Erbium	164-1	117	117	92	108	13.32	cps
Erbium	164-2	63	70	77	70	9.53	cps
Gadolinium	160-1	325	267	317	303	10.42	cps
Gadolinium	160-2	200	250	177	209	17.94	cps
Holmium	165-1	8345981	8263396	8348527	8319301	0.58	cps
Holmium	165-2	4815583	4781316	4831953	4809617	0.54	cps
Indium	115-1	5423768	5390810	5328122	5380900	0.90	cps
Indium	115-2	1733726	1722413	1738972	1731704	0.49	cps
Iron	56-2	65340856	65263767	64736711	65113778	0.50	cps
Iron	57-2	1548037	1544938	1550287	1547754	0.17	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135095BS Instrumnet Name : P7
 Client Sample ID : PB135095BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:13:22 DataFile Name : 043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3521842	3498687	3508870	3509800	0.33	cps
Krypton	83-1	3914	3981	3937	3944	0.86	cps
Lead	206-1	13653958	13828350	13750575	13744294	0.64	cps
Lead	207-1	12567063	12651885	12581352	12600100	0.36	cps
Lead	208-1	56033128	56542291	56424917	56333445	0.47	cps
Lithium	6-1	1513154	1508831	1517748	1513244	0.29	cps
Magnesium	24-2	13113956	13080365	13280318	13158213	0.81	cps
Manganese	55-2	10336036	10128830	10062743	10175869	1.40	cps
Molybdenum	94-1	6894936	6880691	6749542	6841723	1.17	cps
Molybdenum	95-1	8555735	8609546	8456426	8540569	0.91	cps
Molybdenum	96-1	9335893	9346270	9262399	9314854	0.49	cps
Molybdenum	97-1	5027827	4988994	4923124	4979982	1.06	cps
Molybdenum	98-1	13550988	13432288	13300574	13427950	0.93	cps
Neodymium	150-1	347	380	313	347	9.62	cps
Neodymium	150-2	43	70	90	68	34.55	cps
Nickel	60-2	530683	530067	532558	531103	0.24	cps
Phosphorus	31-2	71471	69813	71161	70815	1.25	cps
Potassium	39-2	7239056	7159296	7287653	7228668	0.90	cps
Rhodium	103-1	5219784	5191688	5081062	5164178	1.42	cps
Rhodium	103-2	3204068	3172300	3188818	3188395	0.50	cps
Scandium	45-1	3941419	3893103	3875253	3903258	0.88	cps
Scandium	45-2	320091	318779	322360	320410	0.57	cps
Selenium	82-1	50704	49984	50010	50232	0.81	cps
Selenium	77-2	4424	4254	4194	4291	2.78	cps
Selenium	78-2	14496	14207	14403	14369	1.03	cps
Silicon	28-1	2839789	2890732	2876346	2868956	0.92	cps
Silver	107-1	3643083	3650934	3584450	3626156	1.00	cps
Silver	109-1	3468793	3458657	3431869	3453106	0.55	cps
Sodium	23-2	22476998	22263362	22610584	22450315	0.78	cps
Strontium	86-1	972444	977530	973791	974588	0.27	cps
Strontium	88-1	9057415	9027132	8985233	9023260	0.40	cps
Sulfur	34-1	830283	828666	815824	824924	0.96	cps
Terbium	159-1	8422287	8414480	8329763	8388843	0.61	cps
Terbium	159-2	4802419	4788880	4847366	4812888	0.64	cps
Thallium	203-1	2825122	2845891	2873336	2848116	0.85	cps
Thallium	205-1	7948081	8021282	8009190	7992851	0.49	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135095BS	Instrumnet Name :	P7
Client Sample ID :	PB135095BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:13:22	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12732925	12837118	12734941	12768328	0.47	cps
Tin	118-1	2337710	2362584	2337463	2345919	0.62	cps
Titanium	47-1	2234532	2241194	2206450	2227392	0.83	cps
Uranium	238-1	11769204	11898606	11851065	11839625	0.55	cps
Vanadium	51-2	1225353	1227909	1227987	1227083	0.12	cps
Yttrium	89-1	10313167	10260022	10230059	10267749	0.41	cps
Yttrium	89-2	2329022	2321330	2346095	2332149	0.54	cps
Zinc	66-2	2406513	2372787	2397140	2392147	0.73	cps
Zirconium	90-1	5610233	5625511	5594691	5610145	0.27	cps
Zirconium	91-1	1175676	1175601	1171685	1174321	0.19	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135097BL Instrumnet Name : P7
 Client Sample ID : PB135097BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:31:32 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	208	217	197	13.58	cps
Antimony	121-1	542	400	425	456	16.60	cps
Arsenic	75-2	20	30	44	31	38.57	cps
Barium	135-1	58	83	42	61	34.32	cps
Barium	137-1	133	175	117	142	21.21	cps
Beryllium	9-1	89	178	156	141	32.87	cps
Bismuth	209-1	4692188	4711251	4696735	4700058	0.21	cps
Bismuth	209-2	3313592	3323272	3347085	3327983	0.52	cps
Boron	10-1	908	1025	950	961	6.15	cps
Boron	11-1	4709	4217	4451	4459	5.52	cps
Bromine	81-1	6193	6043	5710	5982	4.14	cps
Bromine	81-2	120	150	190	153	22.91	cps
Cadmium	111-1	738	745	790	757	3.71	cps
Cadmium	106-1	3559	3701	3859	3706	4.05	cps
Cadmium	108-1	88	154	129	124	27.25	cps
Calcium	43-1	342	208	258	269	25.00	cps
Calcium	44-1	12656	12948	12431	12678	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123	1120	1007	1083	6.13	cps
Cobalt	59-2	150	193	210	184	16.79	cps
Copper	63-2	1110	1137	1173	1140	2.79	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	50	57	47	51	9.96	cps
Holmium	165-1	8175411	8356837	8142102	8224783	1.41	cps
Holmium	165-2	4847668	4867950	4886796	4867471	0.40	cps
Indium	115-1	5517666	5555525	5531680	5534957	0.35	cps
Indium	115-2	1819340	1838438	1831839	1829872	0.53	cps
Iron	56-2	7002	6879	6485	6789	3.98	cps
Iron	57-2	233	239	194	222	10.90	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135097BL Instrumnet Name : P7
 Client Sample ID : PB135097BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:31:32 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1301	1452	1271	1341	7.20	cps
Krypton	83-1	4181	4121	4071	4124	1.34	cps
Lead	206-1	1128	1256	1217	1200	5.46	cps
Lead	207-1	989	1128	1095	1070	6.77	cps
Lead	208-1	4834	4784	4856	4825	0.77	cps
Lithium	6-1	1486323	1497377	1496412	1493371	0.41	cps
Magnesium	24-2	383	450	392	408	8.90	cps
Manganese	55-2	180	167	247	198	21.67	cps
Molybdenum	94-1	342	425	425	397	12.11	cps
Molybdenum	95-1	267	258	242	256	4.98	cps
Molybdenum	96-1	517	367	367	417	20.79	cps
Molybdenum	97-1	117	117	100	111	8.66	cps
Molybdenum	98-1	450	417	442	436	3.98	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	83	80	94	23.50	cps
Phosphorus	31-2	642	667	567	625	8.33	cps
Potassium	39-2	79974	79303	80879	80052	0.99	cps
Rhodium	103-1	5402679	5386862	5369413	5386318	0.31	cps
Rhodium	103-2	3372976	3385817	3387481	3382091	0.23	cps
Scandium	45-1	4004980	4020515	3991178	4005558	0.37	cps
Scandium	45-2	334183	335048	338823	336018	0.73	cps
Selenium	82-1	1441	1404	1570	1471	5.91	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	146	170	150	156	8.33	cps
Silicon	28-1	640349	635052	634790	636730	0.49	cps
Silver	107-1	183	117	117	139	27.71	cps
Silver	109-1	108	58	50	72	43.69	cps
Sodium	23-2	31108	30949	30306	30788	1.38	cps
Strontium	86-1	6752	6835	6627	6738	1.56	cps
Strontium	88-1	458	500	358	439	16.59	cps
Sulfur	34-1	515829	516389	520837	517685	0.53	cps
Terbium	159-1	8398662	8420095	8426261	8415006	0.17	cps
Terbium	159-2	4860357	4868404	4883164	4870642	0.24	cps
Thallium	203-1	392	333	342	356	8.87	cps
Thallium	205-1	942	1217	1092	1083	12.71	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BL	Instrumnet Name :	P7
Client Sample ID :	PB135097BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:31:32	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1195	1083	1245	1174	7.02	cps
Tin	118-1	733	650	600	661	10.19	cps
Titanium	47-1	92	158	75	108	40.71	cps
Uranium	238-1	383	367	442	397	9.91	cps
Vanadium	51-2	53	33	27	38	36.73	cps
Yttrium	89-1	10387993	10479773	10367436	10411734	0.57	cps
Yttrium	89-2	2425172	2435756	2439498	2433475	0.31	cps
Zinc	66-2	217	237	230	228	4.47	cps
Zirconium	90-1	667	733	750	717	6.15	cps
Zirconium	91-1	108	67	100	92	24.05	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135097BS Instrumnet Name : P7
 Client Sample ID : PB135097BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:34:39 DataFile Name : 045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1263151	1268911	1268107	1266723	0.25	cps
Antimony	121-1	3134451	3153685	3133111	3140416	0.37	cps
Arsenic	75-2	173067	173944	174267	173759	0.36	cps
Barium	135-1	3643655	3677956	3690320	3670644	0.66	cps
Barium	137-1	7036114	7026414	7062901	7041810	0.27	cps
Beryllium	9-1	672078	673793	672888	672919	0.13	cps
Bismuth	209-1	4671665	4648099	4682611	4667458	0.38	cps
Bismuth	209-2	3298619	3421068	3312333	3344007	2.01	cps
Boron	10-1	72657	76602	78972	76077	4.19	cps
Boron	11-1	345682	365606	369672	360320	3.56	cps
Bromine	81-1	6252	5668	5943	5954	4.90	cps
Bromine	81-2	60	80	50	63	24.12	cps
Cadmium	111-1	730733	730409	731418	730854	0.07	cps
Cadmium	106-1	92013	91602	91259	91625	0.41	cps
Cadmium	108-1	60725	60206	60662	60531	0.47	cps
Calcium	43-1	997812	991117	986013	991647	0.60	cps
Calcium	44-1	15577738	15602044	15503625	15561136	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1474884	1461126	1473657	1469889	0.52	cps
Cobalt	59-2	2130932	2136774	2131590	2133099	0.15	cps
Copper	63-2	15502341	15428726	15193240	15374769	1.05	cps
Dysprosium	156-1	225	250	192	222	13.17	cps
Dysprosium	156-2	183	167	153	168	8.96	cps
Erbium	164-1	50	100	83	78	32.73	cps
Erbium	164-2	53	53	53	53	0.00	cps
Gadolinium	160-1	358	317	250	308	17.72	cps
Gadolinium	160-2	230	217	180	209	12.40	cps
Holmium	165-1	8337757	8449246	8430226	8405743	0.71	cps
Holmium	165-2	4876873	5100714	5004616	4994067	2.25	cps
Indium	115-1	5464764	5450704	5434164	5449877	0.28	cps
Indium	115-2	1761922	1837856	1800657	1800145	2.11	cps
Iron	56-2	66710181	65966854	66980586	66552540	0.79	cps
Iron	57-2	1576602	1576606	1594452	1582554	0.65	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : PB135097BS Instrumnet Name : P7
 Client Sample ID : PB135097BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-11 20:34:39 DataFile Name : 045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3596001	3574863	3599557	3590140	0.37	cps
Krypton	83-1	4001	4067	3967	4012	1.27	cps
Lead	206-1	13952565	14011877	14066484	14010309	0.41	cps
Lead	207-1	12859602	12635349	12785869	12760273	0.90	cps
Lead	208-1	57038699	56942501	57230762	57070654	0.26	cps
Lithium	6-1	1519483	1494246	1509413	1507714	0.84	cps
Magnesium	24-2	13436620	13566316	13362032	13454989	0.77	cps
Manganese	55-2	10337785	10327245	10440769	10368599	0.60	cps
Molybdenum	94-1	7002898	6922828	6969445	6965057	0.58	cps
Molybdenum	95-1	8681521	8568966	8536182	8595556	0.89	cps
Molybdenum	96-1	9425664	9464020	9353948	9414544	0.59	cps
Molybdenum	97-1	5087158	5060548	5040890	5062865	0.46	cps
Molybdenum	98-1	13741438	13637950	13548140	13642509	0.71	cps
Neodymium	150-1	293	327	280	300	8.01	cps
Neodymium	150-2	43	90	53	62	39.49	cps
Nickel	60-2	545314	549653	541993	545654	0.70	cps
Phosphorus	31-2	72400	72082	73405	72629	0.95	cps
Potassium	39-2	7455457	7389593	7550459	7465170	1.08	cps
Rhodium	103-1	5266385	5205933	5170331	5214216	0.93	cps
Rhodium	103-2	3245295	3365611	3293798	3301568	1.83	cps
Scandium	45-1	3996884	3941627	3913259	3950590	1.08	cps
Scandium	45-2	325063	339665	331236	331988	2.21	cps
Selenium	82-1	51759	51377	51352	51496	0.44	cps
Selenium	77-2	4414	4387	4371	4391	0.50	cps
Selenium	78-2	14524	14656	14774	14651	0.85	cps
Silicon	28-1	2864328	2896169	2900952	2887150	0.69	cps
Silver	107-1	3689788	3692976	3707541	3696768	0.26	cps
Silver	109-1	3549783	3515570	3538287	3534547	0.49	cps
Sodium	23-2	22585777	22939696	22632734	22719402	0.85	cps
Strontium	86-1	991360	988984	984262	988202	0.37	cps
Strontium	88-1	9161298	9197214	9200105	9186206	0.24	cps
Sulfur	34-1	838982	827957	819580	828840	1.17	cps
Terbium	159-1	8520480	8465304	8493742	8493175	0.32	cps
Terbium	159-2	4901375	5114245	4999718	5005112	2.13	cps
Thallium	203-1	2834953	2897978	2898375	2877102	1.27	cps
Thallium	205-1	7972994	8086001	8122342	8060446	0.97	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	PB135097BS	Instrumnet Name :	P7
Client Sample ID :	PB135097BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:34:39	DataFile Name :	045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12755023	12786934	13109640	12883866	1.52	cps
Tin	118-1	2383280	2375938	2376632	2378617	0.17	cps
Titanium	47-1	2285634	2269414	2260757	2271935	0.56	cps
Uranium	238-1	11843755	11983807	12130642	11986068	1.20	cps
Vanadium	51-2	1251685	1251334	1252938	1251986	0.07	cps
Yttrium	89-1	10544215	10221207	10274449	10346624	1.67	cps
Yttrium	89-2	2394287	2472484	2429540	2432104	1.61	cps
Zinc	66-2	2445569	2438739	2465656	2449988	0.57	cps
Zirconium	90-1	5731053	5718239	5715893	5721728	0.14	cps
Zirconium	91-1	1208001	1198756	1196179	1200979	0.52	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6353128	6272664	6359808	6328533	0.77	cps
Antimony	121-1	2872931	2881936	2854621	2869829	0.49	cps
Arsenic	75-2	166571	165878	167267	166572	0.42	cps
Barium	135-1	3369073	3406741	3385185	3387000	0.56	cps
Barium	137-1	6536360	6506919	6544859	6529379	0.30	cps
Beryllium	9-1	640753	640118	645424	642098	0.45	cps
Bismuth	209-1	4308705	4319636	4345709	4324683	0.44	cps
Bismuth	209-2	3088450	3044729	3054266	3062481	0.75	cps
Boron	10-1	71828	74608	76585	74340	3.21	cps
Boron	11-1	343887	358556	368006	356816	3.41	cps
Bromine	81-1	5034	5134	5410	5193	3.74	cps
Bromine	81-2	50	80	80	70	24.74	cps
Cadmium	111-1	659470	657298	656377	657715	0.24	cps
Cadmium	106-1	81601	83143	81709	82151	1.05	cps
Cadmium	108-1	53496	53655	54027	53726	0.51	cps
Calcium	43-1	4483017	4474450	4480162	4479209	0.10	cps
Calcium	44-1	71091552	70800875	70871847	70921425	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1411626	1415074	1408844	1411848	0.22	cps
Cobalt	59-2	2003470	2017499	2021082	2014017	0.46	cps
Copper	63-2	13868964	14118667	14347601	14111744	1.70	cps
Dysprosium	156-1	875	783	1000	886	12.27	cps
Dysprosium	156-2	580	570	587	579	1.45	cps
Erbium	164-1	183	208	133	175	21.82	cps
Erbium	164-2	127	100	97	108	15.26	cps
Gadolinium	160-1	1183	1017	875	1025	15.06	cps
Gadolinium	160-2	753	683	737	724	5.05	cps
Holmium	165-1	7897667	8061957	8057863	8005829	1.17	cps
Holmium	165-2	4768429	4743831	4765500	4759253	0.28	cps
Indium	115-1	5013617	5022786	5047987	5028130	0.35	cps
Indium	115-2	1688421	1671612	1684048	1681361	0.52	cps
Iron	56-2	314715274	314603296	317305018	315541196	0.48	cps
Iron	57-2	7771572	7833465	7804157	7803065	0.40	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17281967	17182923	17258714	17241201	0.30	cps
Krypton	83-1	4001	3874	3711	3862	3.77	cps
Lead	206-1	12925607	12854901	12756385	12845631	0.66	cps
Lead	207-1	11878275	11808167	11765979	11817474	0.48	cps
Lead	208-1	52683334	52829943	52435302	52649526	0.38	cps
Lithium	6-1	1488775	1495682	1508929	1497795	0.68	cps
Magnesium	24-2	65684893	65332712	66587856	65868487	0.98	cps
Manganese	55-2	9885020	10029576	10030025	9981540	0.84	cps
Molybdenum	94-1	6328951	6436229	6344732	6369971	0.91	cps
Molybdenum	95-1	7842340	7907259	7943096	7897565	0.65	cps
Molybdenum	96-1	8553846	8680454	8704602	8646301	0.94	cps
Molybdenum	97-1	4588428	4627997	4588551	4601659	0.50	cps
Molybdenum	98-1	12482503	12676125	12616774	12591801	0.79	cps
Neodymium	150-1	320	380	380	360	9.62	cps
Neodymium	150-2	60	70	67	66	7.77	cps
Nickel	60-2	499200	514599	512241	508680	1.63	cps
Phosphorus	31-2	71094	69203	69135	69811	1.59	cps
Potassium	39-2	35406914	35239255	35969812	35538661	1.08	cps
Rhodium	103-1	4690732	4755030	4765479	4737080	0.85	cps
Rhodium	103-2	3048610	3032045	3036582	3039079	0.28	cps
Scandium	45-1	3666499	3680378	3674899	3673925	0.19	cps
Scandium	45-2	318968	315912	320743	318541	0.77	cps
Selenium	82-1	46303	46358	46304	46321	0.07	cps
Selenium	77-2	4117	4141	4254	4171	1.75	cps
Selenium	78-2	13781	14025	13873	13893	0.89	cps
Silicon	28-1	3008471	3193148	3287876	3163165	4.49	cps
Silver	107-1	3571466	3641536	3588090	3600364	1.02	cps
Silver	109-1	3410893	4443386	3325538	3726606	16.70	cps
Sodium	23-2	110638890	109033698	110541769	110071452	0.82	cps
Strontium	86-1	861302	866005	863734	863681	0.27	cps
Strontium	88-1	8122625	8216379	8090593	8143199	0.80	cps
Sulfur	34-1	758269	757412	755353	757012	0.20	cps
Terbium	159-1	8104716	8142160	8072100	8106325	0.43	cps
Terbium	159-2	4780704	4731313	4711801	4741273	0.75	cps
Thallium	203-1	2668839	2670467	2671026	2670111	0.04	cps
Thallium	205-1	7474861	7423193	7416470	7438175	0.43	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:46:47	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12088282	12081962	12003920	12058055	0.39	cps
Tin	118-1	2162119	2162419	2152515	2159018	0.26	cps
Titanium	47-1	2062514	2071119	2059972	2064535	0.28	cps
Uranium	238-1	10754581	10784001	10693879	10744154	0.43	cps
Vanadium	51-2	1217868	1224369	1226051	1222762	0.35	cps
Yttrium	89-1	9687414	9756828	9769609	9737951	0.45	cps
Yttrium	89-2	2303340	2298484	2309853	2303893	0.25	cps
Zinc	66-2	2271963	2264687	2266683	2267778	0.17	cps
Zirconium	90-1	4836148	4873219	4850743	4853370	0.38	cps
Zirconium	91-1	1079532	1086972	1080336	1082280	0.38	cps

LB Number : LB113499 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	483	392	442	10.51	cps
Antimony	121-1	525	642	683	617	13.31	cps
Arsenic	75-2	37	41	37	38	5.58	cps
Barium	135-1	200	233	158	197	19.05	cps
Barium	137-1	233	233	342	269	23.21	cps
Beryllium	9-1	183	256	211	217	16.81	cps
Bismuth	209-1	4160053	4573792	4556735	4430193	5.28	cps
Bismuth	209-2	3306796	3552901	4007945	3622547	9.82	cps
Boron	10-1	1758	1875	1717	1783	4.60	cps
Boron	11-1	7527	7869	8486	7961	6.10	cps
Bromine	81-1	6168	5826	6118	6038	3.06	cps
Bromine	81-2	190	100	140	143	31.46	cps
Cadmium	111-1	797	831	818	815	2.09	cps
Cadmium	106-1	3659	3951	4017	3876	4.92	cps
Cadmium	108-1	133	163	158	151	10.42	cps
Calcium	43-1	433	333	367	378	13.48	cps
Calcium	44-1	15433	15901	15684	15673	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1097	1203	1127	5.94	cps
Cobalt	59-2	240	220	263	241	9.00	cps
Copper	63-2	1827	1940	2090	1952	6.77	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	30	27	43	33	26.45	cps
Gadolinium	160-1	33	67	58	53	32.87	cps
Gadolinium	160-2	60	60	67	62	6.19	cps
Holmium	165-1	7154973	7962343	7939465	7685594	5.98	cps
Holmium	165-2	4842652	5961313	6646092	5816685	15.65	cps
Indium	115-1	4824364	5339331	5322670	5162121	5.67	cps
Indium	115-2	1815426	1940813	2230919	1995719	10.68	cps
Iron	56-2	19246	19107	18734	19029	1.39	cps
Iron	57-2	439	600	556	532	15.66	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:57:58	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2062	1952	2022	2012	2.77	cps
Krypton	83-1	3907	4161	4067	4045	3.17	cps
Lead	206-1	2928	3000	2845	2924	2.66	cps
Lead	207-1	2734	2739	2450	2641	6.26	cps
Lead	208-1	11685	12063	11530	11760	2.33	cps
Lithium	6-1	1335092	1472332	1476313	1427912	5.63	cps
Magnesium	24-2	2925	3334	3034	3098	6.83	cps
Manganese	55-2	470	517	523	503	5.77	cps
Molybdenum	94-1	533	625	642	600	9.72	cps
Molybdenum	95-1	542	617	575	578	6.50	cps
Molybdenum	96-1	792	833	800	808	2.73	cps
Molybdenum	97-1	308	325	342	325	5.13	cps
Molybdenum	98-1	1100	1092	917	1036	9.99	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	110	117	73	100	23.34	cps
Phosphorus	31-2	475	575	600	550	12.03	cps
Potassium	39-2	89786	89376	89862	89675	0.29	cps
Rhodium	103-1	4669521	5181112	5163818	5004817	5.80	cps
Rhodium	103-2	3345729	3586715	4101326	3677923	10.49	cps
Scandium	45-1	3394812	3809762	3825014	3676529	6.64	cps
Scandium	45-2	330698	350744	414788	365410	12.02	cps
Selenium	82-1	1535	1297	1575	1469	10.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	150	163	157	157	4.15	cps
Silicon	28-1	660235	657127	654332	657231	0.45	cps
Silver	107-1	525	367	225	372	40.32	cps
Silver	109-1	425	283	300	336	23.04	cps
Sodium	23-2	56506	56682	56415	56534	0.24	cps
Strontium	86-1	6368	6560	6502	6477	1.52	cps
Strontium	88-1	650	725	675	683	5.59	cps
Sulfur	34-1	497977	506168	501973	502040	0.82	cps
Terbium	159-1	7398707	8204622	8136028	7913119	5.65	cps
Terbium	159-2	4887398	5895755	6655028	5812727	15.26	cps
Thallium	203-1	967	1042	1175	1061	9.95	cps
Thallium	205-1	2342	2550	2467	2453	4.28	cps

LB Number :	LB113499	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-03-11 20:57:58	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1122	1083	1156	1120	3.23	cps
Tin	118-1	592	708	775	692	13.42	cps
Titanium	47-1	225	167	175	189	16.70	cps
Uranium	238-1	625	625	667	639	3.77	cps
Vanadium	51-2	83	93	63	80	19.09	cps
Yttrium	89-1	9091594	10079592	9886022	9685736	5.41	cps
Yttrium	89-2	2412981	2597702	2970148	2660277	10.67	cps
Zinc	66-2	387	380	360	376	3.70	cps
Zirconium	90-1	825	858	775	819	5.12	cps
Zirconium	91-1	158	150	125	144	12.01	cps