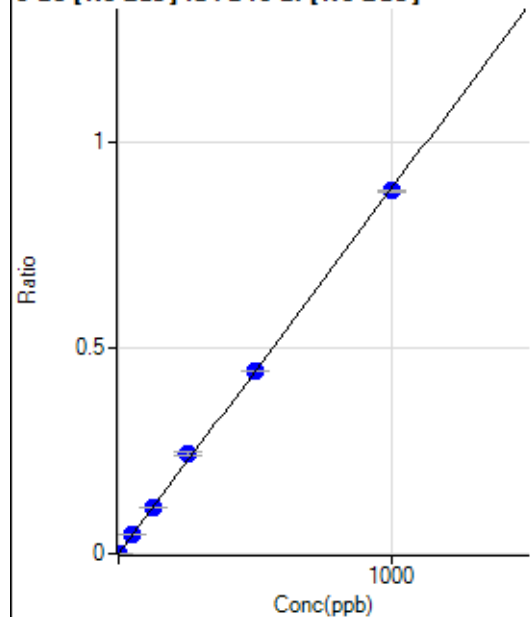


Calibration for 005CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020620-MS.b\
 Analysis File: P8020620-MS.batch.bin
 DA Date-Time: 2020-02-06 15:54:05
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-02-06 13:31:03
2	006CALS.d	S02	2020-02-06 13:34:04
3	007CALS.d	S03	2020-02-06 13:37:02
4	008CALS.d	S04	2020-02-06 13:40:03
5	009CALS.d	S05	2020-02-06 13:43:01
6	010CALS.d	S06	2020-02-06 13:46:02
7	011CALS.d	S07	2020-02-06 13:49:00
8	012CALS.d	S08	2020-02-06 13:52:01

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	51.9
2	☐	1.000	1.018	629.89	0.0009	P	1.8
3	☐	50.000	50.023	30785.25	0.0444	P	0.0
4	☐	125.000	124.596	78011.78	0.1106	P	0.2
5	☐	250.000	272.505	164149.33	0.2419	P	4.5
6	☐	500.000	502.055	316252.02	0.4456	P	0.2
7	☐	1000.000	993.396	649019.31	0.8816	P	0.2
8	☐			161.30	0.0002	P	9.9

$$y = 8.8741E-004 * x + 3.0273E-005$$

$$R = 0.9997$$

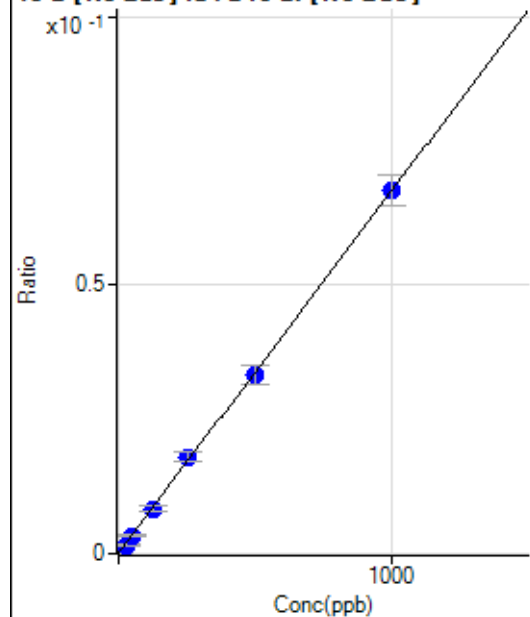
$$DL = 0.05315$$

$$BEC = 0.03411$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.65	0.0001	P	11.9
2	☐	25.000	21.344	1063.83	0.0016	P	12.8
3	☐	50.000	46.897	2287.73	0.0033	P	9.3
4	☐	125.000	122.646	5930.04	0.0084	P	10.1
5	☐	250.000	264.902	12219.36	0.0180	P	9.7
6	☐	500.000	493.126	23697.80	0.0334	P	10.4
7	☐	1000.000	1000.253	49763.94	0.0676	P	8.5
8	☐			8490.13	0.0126	P	9.2

$$y = 6.7444E-005 * x + 1.3733E-004$$

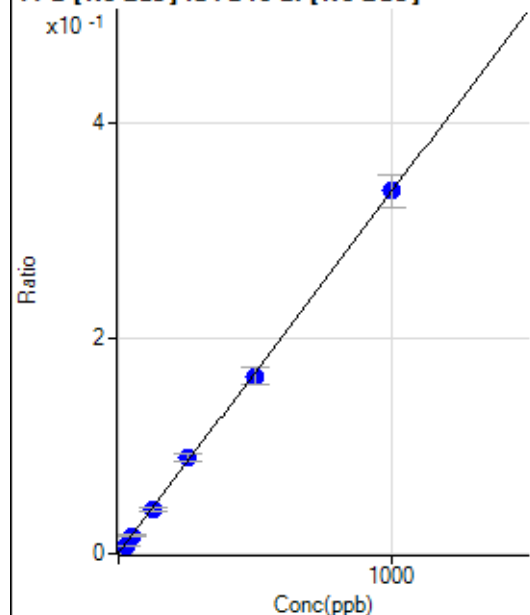
$$R = 0.9998$$

$$DL = 0.727$$

$$BEC = 2.036$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.93	0.0006	P	6.5
2	☐	25.000	21.400	5229.91	0.0078	P	6.5
3	☐	50.000	47.888	11533.60	0.0166	P	7.2
4	☐	125.000	121.488	29151.83	0.0413	P	9.2
5	☐	250.000	264.563	60641.22	0.0893	P	9.2
6	☐	500.000	490.318	117161.86	0.1651	P	10.0
7	☐	1000.000	1001.835	247911.00	0.3368	P	8.7
8	☐			41752.22	0.0620	P	10.7

$$y = 3.3558\text{E-}004 * x + 5.6906\text{E-}004$$

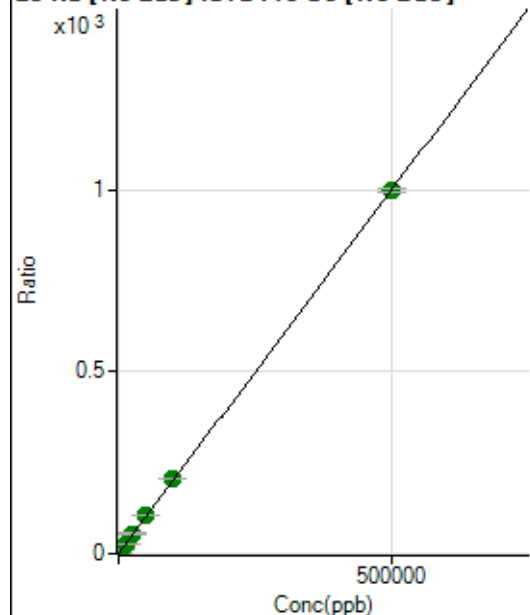
$$R = 0.9998$$

$$DL = 0.3322$$

$$BEC = 1.696$$

Weight: <None>

Min Conc: 0

23 Na [No Gas] ISTD:45 Sc [No Gas]

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	850558.39	0.3701	P	0.8
2	☐	500.000	511.971	3271205.97	1.3931	A	1.2
3	☐	5000.000	5255.903	25997840.34	10.8725	A	1.3
4	☐	12500.000	13164.594	64987625.06	26.6758	A	0.7
5	☐	25000.000	27581.287	134776365.51	55.4834	A	4.9
6	☐	50000.000	52244.131	262026094.75	104.765	A	1.3
7	☐	100000.00	103136.87	533255589.70	206.459	A	1.3
8	☐	500000.00	498999.96	2446251254.6	997.479	A	1.0

$$y = 0.0020 * x + 0.3701$$

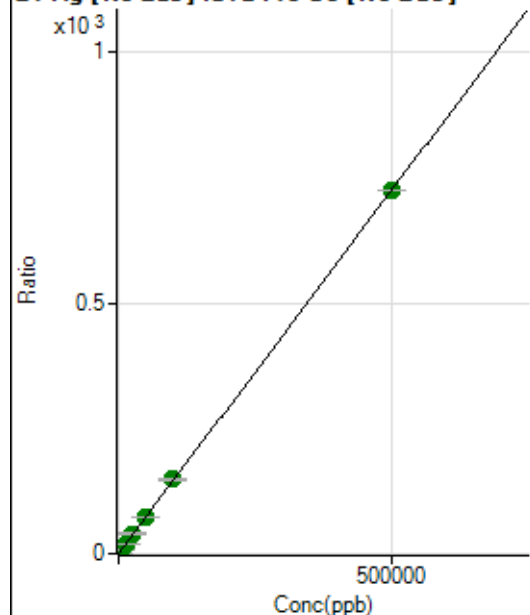
$$R = 1.0000$$

$$DL = 4.516$$

$$BEC = 185.2$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16212.21	0.0071	P	1.1
2	☐	500.000	528.376	1814979.66	0.7729	A	0.2
3	☐	5000.000	5206.129	18060094.85	7.5528	A	1.1
4	☐	12500.000	12925.570	45660446.85	18.7413	A	0.5
5	☐	25000.000	27152.242	95616136.86	39.3614	A	4.8
6	☐	50000.000	50554.137	183267422.15	73.2799	A	0.8
7	☐	100000.00	101955.17	381692039.09	147.780	A	0.6
8	☐	500000.00	499433.21	1775173306.3	723.882	A	0.1

$$y = 0.0014 * x + 0.0071$$

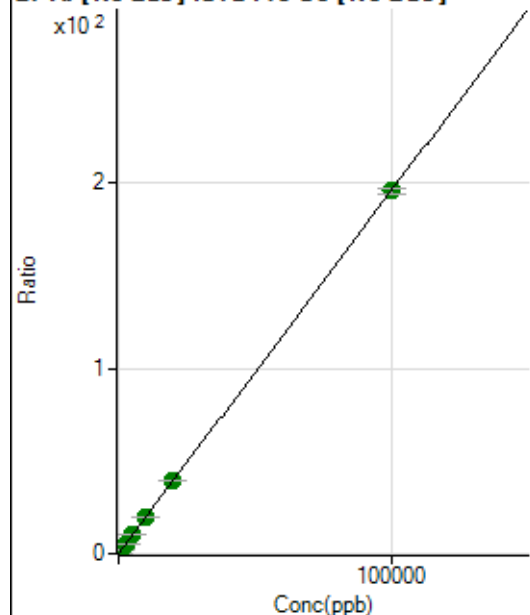
$$R = 1.0000$$

$$DL = 0.1542$$

$$BEC = 4.867$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD:45 Sc [No Gas]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8580.53	0.0037	P	7.5
2	☐	20.000	21.362	107020.94	0.0456	P	1.7
3	☐	1000.000	1029.228	4829769.38	2.0198	A	1.1
4	☐	2500.000	2553.208	12193467.72	5.0050	A	0.5
5	☐	5000.000	5327.664	25358391.02	10.4396	A	5.0
6	☐	10000.000	10098.677	49478631.66	19.7851	A	1.8
7	☐	20000.000	20281.730	102622946.04	39.7318	A	0.3
8	☐	100000.00	99915.780	479974177.39	195.719	A	1.6

$$y = 0.0020 * x + 0.0037$$

$$R = 1.0000$$

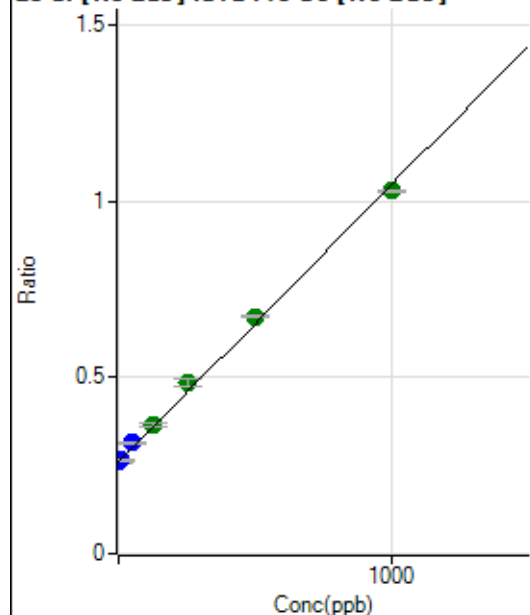
$$DL = 0.4276$$

$$BEC = 1.906$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	595320.71	0.2590	P	0.5
2	☐	10.000	7.692	622446.73	0.2651	P	0.6
3	☐	50.000	69.363	749962.78	0.3137	P	2.1
4	☐	125.000	134.408	888867.10	0.3649	A	3.3
5	☐	250.000	287.343	1179297.29	0.4854	A	4.6
6	☐	500.000	524.441	1681153.93	0.6722	A	0.7
7	☐	1000.000	976.323	2655771.87	1.0282	A	0.5
8	☐			698186.99	0.2848	P	3.1

$$y = 7.8785E-004 * x + 0.2590$$

$$R = 0.9987$$

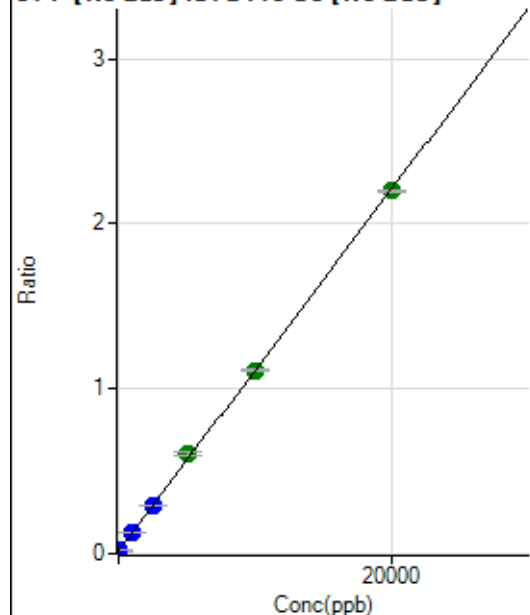
$$DL = 4.648$$

$$BEC = 328.8$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD : 45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.454	29591.82	0.0129	P	1.3
2	☐	0.000	26.454	43853.18	0.0187	P	0.9
3	☐	1000.000	1003.874	300866.97	0.1258	P	1.3
4	☐	2500.000	2550.146	719523.64	0.2953	P	0.0
5	☐	5000.000	5354.078	1464622.57	0.6027	A	3.9
6	☐	10000.000	9989.920	2778253.23	1.1109	A	1.5
7	☐	20000.000	19910.058	5678285.98	2.1984	A	0.3
8	☐			34536.10	0.0141	P	1.9

$$y = 1.0963E-004 * x + 0.0158$$

$$R = 0.9998$$

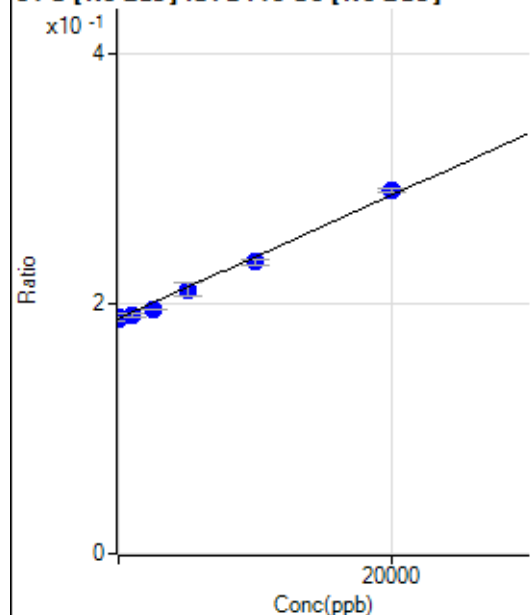
$$DL = 4.42$$

$$BEC = 143.9$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	159.123	434484.54	0.1890	P	0.4
2	☐	0.000	-159.123	440168.88	0.1875	P	2.0
3	☐	1000.000	444.761	455381.71	0.1904	P	1.2
4	☐	2500.000	1387.735	475288.42	0.1951	P	0.5
5	☐	5000.000	4671.215	513228.23	0.2113	P	4.8
6	☐	10000.000	9138.040	583367.38	0.2333	P	1.8
7	☐	20000.000	20679.971	749392.58	0.2901	P	1.2
8	☐			410821.81	0.1675	P	1.1

$$y = 4.9270E-006 * x + 0.1883$$

$$R = 0.9974$$

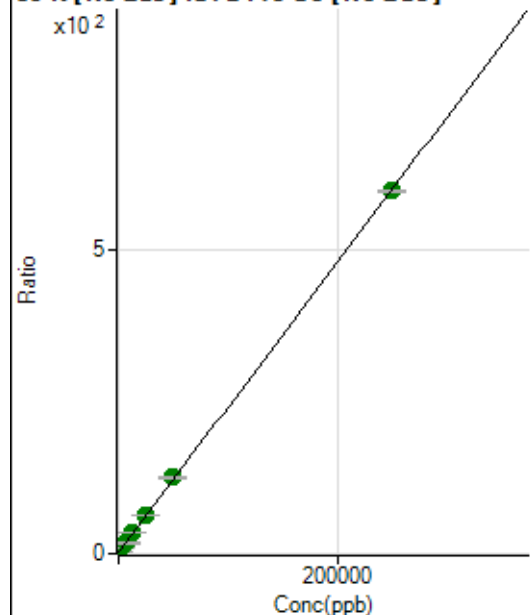
$$DL = 1395$$

$$BEC = 3.821E+04$$

Weight: <None>

Min Conc: 0

39 K [No Gas] ISTD:45 Sc [No Gas]



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4506524.97	1.9607	A	0.5
2	☐	500.000	485.031	7314674.99	3.1152	A	2.1
3	☐	2500.000	2555.598	19235443.66	8.0439	A	0.5
4	☐	6250.000	6476.633	42336176.30	17.3774	A	0.1
5	☐	12500.000	13605.344	83461076.17	34.3462	A	3.8
6	☐	25000.000	25445.925	156389975.72	62.5310	A	0.4
7	☐	50000.000	51663.364	322699426.66	124.937	A	0.5
8	☐	250000.00	249561.27	1461618532.6	596.005	A	0.9

$$y = 0.0024 * x + 1.9607$$

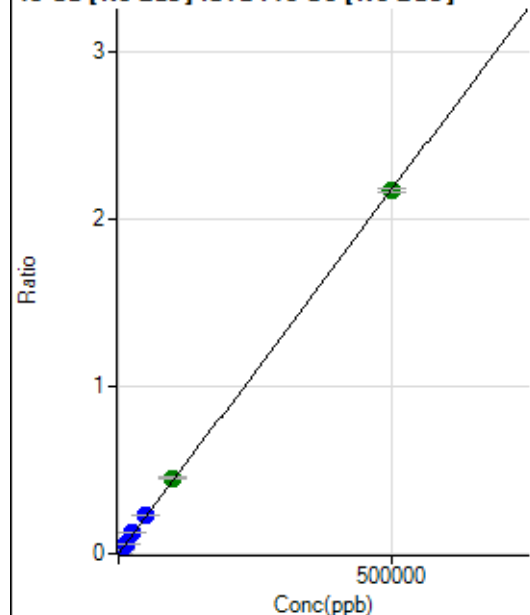
$$R = 1.0000$$

$$DL = 11.66$$

$$BEC = 823.7$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.35	0.0002	P	8.4
2	☐	500.000	522.047	5815.22	0.0025	P	1.5
3	☐	5000.000	5362.229	56168.83	0.0235	P	1.7
4	☐	12500.000	13715.086	145575.03	0.0598	P	0.9
5	☐	25000.000	28546.265	301502.76	0.1241	P	5.4
6	☐	50000.000	53550.930	581936.99	0.2327	P	0.9
7	☐	100000.00	104116.57	1168006.78	0.4522	A	0.6
8	☐	500000.00	498610.25	5308737.05	2.1648	A	1.2

$$y = 4.3413\text{E-}006 * x + 2.1020\text{E-}004$$

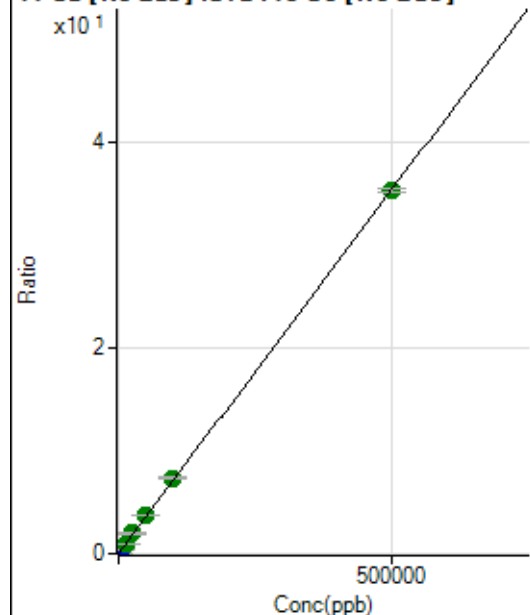
R = 0.9999

DL = 12.17

BEC = 48.42

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54205.64	0.0236	P	2.1
2	☐	500.000	526.583	142711.98	0.0608	P	0.8
3	☐	5000.000	5433.089	974007.41	0.4073	P	0.2
4	☐	12500.000	13232.132	2334203.44	0.9581	A	0.7
5	☐	25000.000	27754.308	4818389.95	1.9837	A	5.1
6	☐	50000.000	51633.766	9179070.86	3.6702	A	0.5
7	☐	100000.00	104030.11	19037182.72	7.3706	A	0.6
8	☐	500000.00	498870.22	86455333.88	35.2559	A	0.9

$$y = 7.0624\text{E-}005 * x + 0.0236$$

R = 1.0000

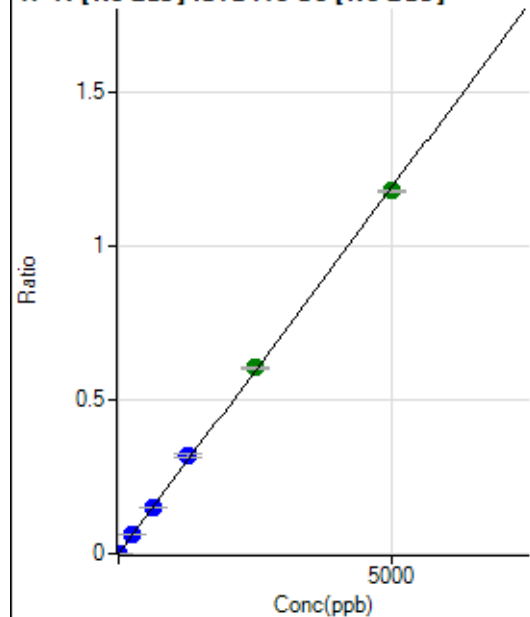
DL = 20.97

BEC = 333.9

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	905.61	0.0004	P	8.8
2	☐	10.000	4.986	3711.68	0.0016	P	2.2
3	☐	250.000	252.741	144776.72	0.0605	P	0.4
4	☐	625.000	637.765	370728.68	0.1522	P	0.1
5	☐	1250.000	1343.800	777812.19	0.3202	P	4.9
6	☐	2500.000	2534.986	1509780.61	0.6037	A	1.0
7	☐	5000.000	4957.335	3048150.13	1.1801	A	0.3
8	☐			1350.10	0.0006	P	15.1

$$y = 2.3798\text{E-}004 * x + 3.9381\text{E-}004$$

R = 0.9998

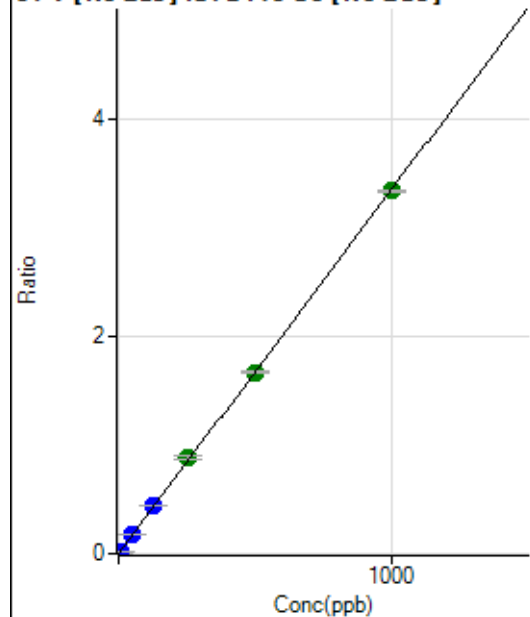
DL = 0.4373

BEC = 1.655

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	547.25	0.0002	P	22.7
2	☐	5.000	5.339	42491.73	0.0181	P	1.3
3	☐	50.000	52.171	417802.01	0.1747	P	0.5
4	☐	125.000	130.139	1060935.01	0.4355	P	0.2
5	☐	250.000	265.146	2155176.48	0.8870	A	4.1
6	☐	500.000	498.037	4166372.97	1.6659	A	0.5
7	☐	1000.000	996.442	8608023.37	3.3327	A	0.8
8	☐			3278.24	0.0013	P	2.2

$$y = 0.0033 * x + 2.3784\text{E-}004$$

R = 0.9999

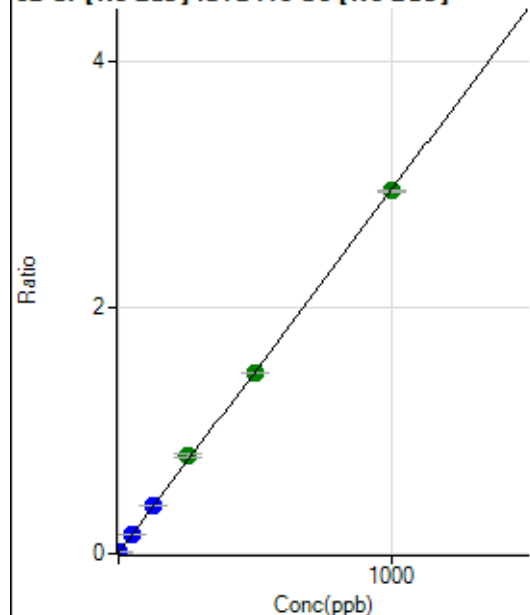
DL = 0.04846

BEC = 0.07112

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13526.20	0.0059	P	3.9
2	☐	2.000	1.918	27104.07	0.0115	P	2.3
3	☐	50.000	52.008	380876.15	0.1593	P	1.1
4	☐	125.000	129.945	948060.09	0.3891	P	0.6
5	☐	250.000	268.033	1935087.63	0.7964	A	4.3
6	☐	500.000	495.764	3671674.82	1.4681	A	1.0
7	☐	1000.000	996.891	7609361.71	2.9461	A	0.6
8	☐			138343.83	0.0564	P	0.6

$$y = 0.0029 * x + 0.0059$$

$$R = 0.9998$$

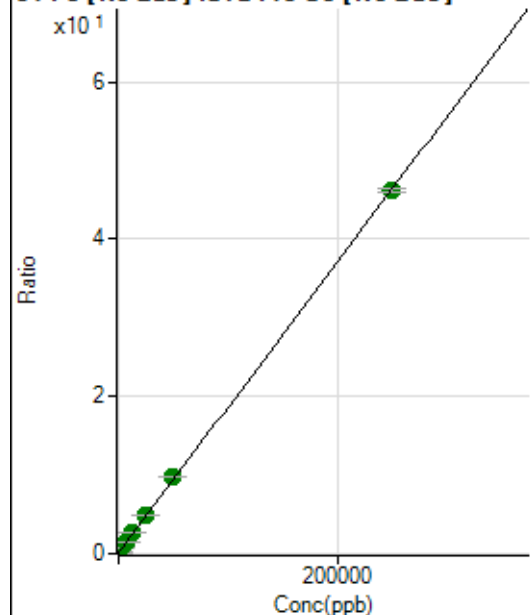
$$DL = 0.2317$$

$$BEC = 1.995$$

Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	264362.56	0.1150	P	1.4
2	☐	50.000	44.822	289528.88	0.1233	P	1.1
3	☐	2500.000	2777.795	1501331.66	0.6279	A	1.3
4	☐	6250.000	6702.056	3294714.37	1.3524	A	0.6
5	☐	12500.000	13933.675	6526851.93	2.6875	A	5.7
6	☐	25000.000	26192.308	12381657.05	4.9507	A	0.7
7	☐	50000.000	52527.278	25344796.75	9.8127	A	1.2
8	☐	250000.00	249289.55	113149528.92	46.1395	A	0.9

$$y = 1.8462E-004 * x + 0.1150$$

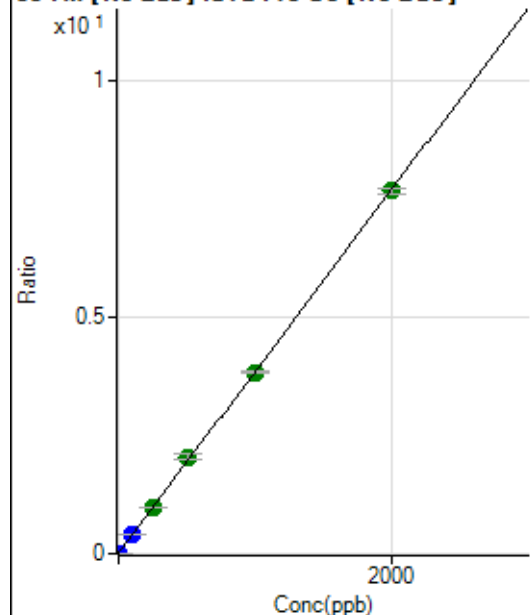
$$R = 0.9999$$

$$DL = 27.09$$

$$BEC = 623$$

Weight: <None>

Min Conc: 0

55 Mn [No Gas] ISTD:45 Sc [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19313.57	0.0084	P	2.1
2	☐	1.000	0.981	28595.84	0.0122	P	0.7
3	☐	100.000	104.257	979534.49	0.4097	P	2.4
4	☐	250.000	255.291	2414345.11	0.9910	A	0.7
5	☐	500.000	529.417	4969545.47	2.0460	A	5.3
6	☐	1000.000	996.550	9613576.78	3.8440	A	0.8
7	☐	2000.000	1993.496	19838465.03	7.6810	A	1.4
8	☐			112082.46	0.0457	P	0.8

$$y = 0.0038 * x + 0.0084$$

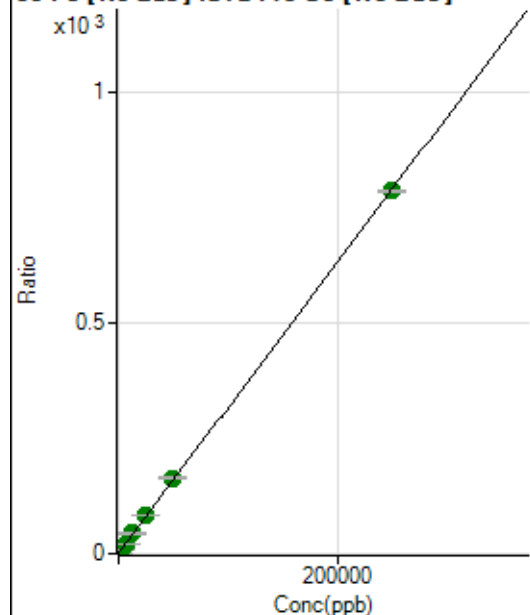
$$R = 0.9999$$

$$DL = 0.1366$$

$$BEC = 2.183$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD:45 Sc [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3039690.84	1.3225	A	0.9
2	☐	50.000	41.122	3408805.29	1.4516	A	1.5
3	☐	2500.000	2641.745	22994110.41	9.6165	A	1.8
4	☐	6250.000	6524.930	53132110.56	21.8080	A	0.9
5	☐	12500.000	13667.576	107418587.12	44.2329	A	5.8
6	☐	25000.000	25958.326	207125868.52	82.8206	A	1.2
7	☐	50000.000	51860.549	423947651.14	164.142	A	1.7
8	☐	250000.00	249465.39	1923976309.6	784.537	A	0.6

$$y = 0.0031 * x + 1.3225$$

$$R = 1.0000$$

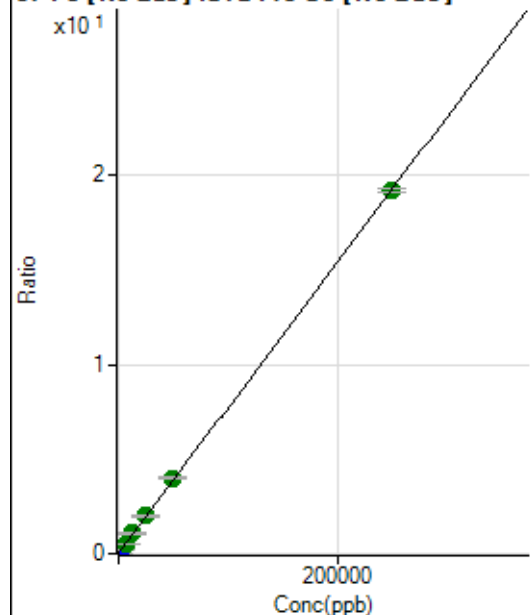
$$DL = 11.44$$

$$BEC = 421.2$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41622.55	0.0181	P	0.5
2	☐	50.000	55.713	52566.71	0.0224	P	0.2
3	☐	2500.000	2740.130	546223.04	0.2284	P	1.6
4	☐	6250.000	6707.176	1298406.93	0.5329	A	0.6
5	☐	12500.000	13780.951	2613072.26	1.0759	A	5.6
6	☐	25000.000	25616.115	4962674.68	1.9844	A	1.2
7	☐	50000.000	51834.592	10323230.01	3.9969	A	1.0
8	☐	250000.00	249493.59	47004242.72	19.1691	A	1.2

$$y = 7.6760\text{E-}005 * x + 0.0181$$

$$R = 1.0000$$

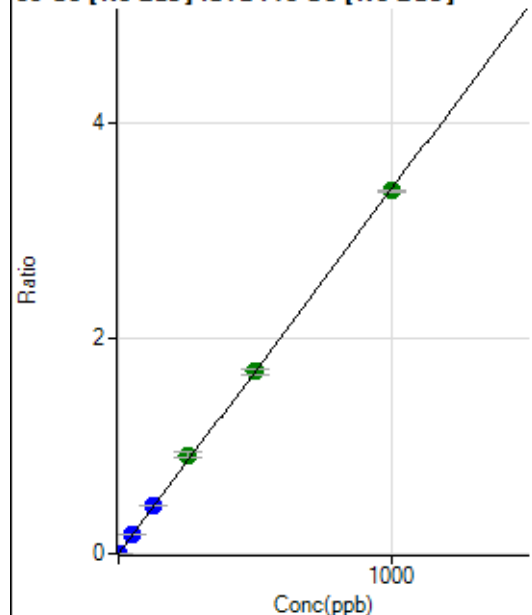
$$DL = 3.457$$

$$BEC = 235.9$$

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.34	0.0001	P	25.0
2	☐	1.000	1.036	8519.44	0.0036	P	2.0
3	☐	50.000	51.781	420484.76	0.1758	P	0.6
4	☐	125.000	131.307	1085829.58	0.4457	P	1.3
5	☐	250.000	270.460	2229115.80	0.9179	A	5.9
6	☐	500.000	498.323	4229293.32	1.6912	A	2.4
7	☐	1000.000	994.846	8720414.78	3.3762	A	0.4
8	☐			15561.71	0.0063	P	2.7

$$y = 0.0034 * x + 1.1224\text{E-}004$$

$$R = 0.9998$$

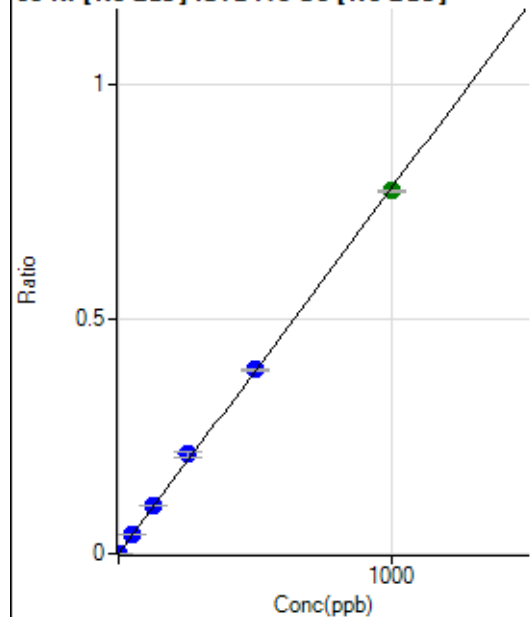
$$DL = 0.02477$$

$$BEC = 0.03307$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	430.57	0.0002	P	3.8
2	☐	2.000	1.168	2578.08	0.0011	P	3.0
3	☐	50.000	51.961	97351.99	0.0407	P	1.2
4	☐	125.000	129.737	246929.43	0.1014	P	0.9
5	☐	250.000	271.536	514684.62	0.2119	P	5.6
6	☐	500.000	502.391	980204.10	0.3920	P	1.4
7	☐	1000.000	992.732	1999939.56	0.7743	A	0.8
8	☐			23915.02	0.0098	P	0.9

$$y = 7.7980E-004 * x + 1.8737E-004$$

$$R = 0.9997$$

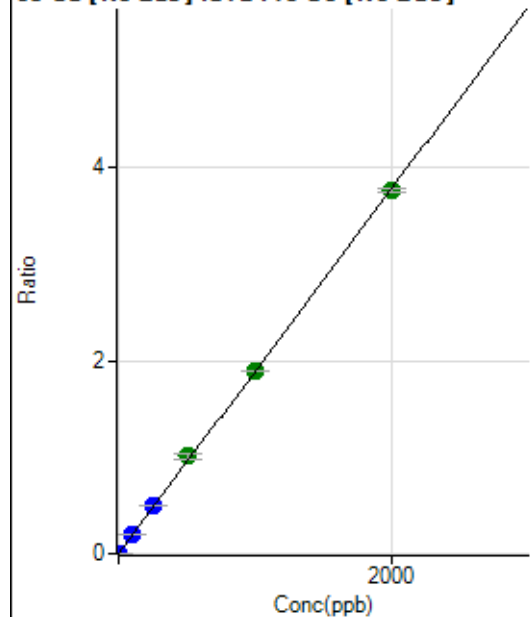
$$DL = 0.02749$$

$$BEC = 0.2403$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1247.31	0.0005	P	2.8
2	☐	2.000	2.004	10162.22	0.0043	P	2.7
3	☐	100.000	103.023	466589.33	0.1951	P	1.2
4	☐	250.000	258.742	1191935.29	0.4892	P	0.2
5	☐	500.000	533.272	2447460.89	1.0078	A	5.6
6	☐	1000.000	1002.584	4737381.09	1.8942	A	0.6
7	☐	2000.000	1989.146	9705022.96	3.7575	A	1.1
8	☐			64614.59	0.0263	P	4.2

$$y = 0.0019 * x + 5.4262E-004$$

$$R = 0.9998$$

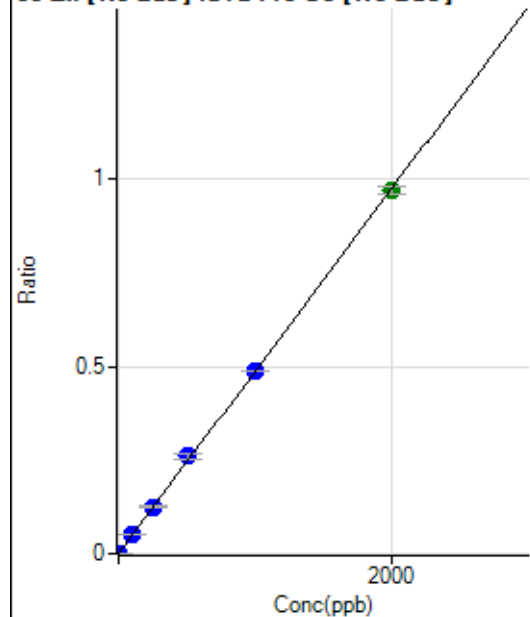
$$DL = 0.02444$$

$$BEC = 0.2873$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1013.95	0.0004	P	11.7
2	☐	2.000	1.608	2872.59	0.0012	P	2.7
3	☐	100.000	106.401	124806.25	0.0522	P	2.5
4	☐	250.000	257.473	306207.07	0.1257	P	1.2
5	☐	500.000	533.958	631999.96	0.2602	P	5.0
6	☐	1000.000	1001.615	1219632.02	0.4877	P	0.7
7	☐	2000.000	1989.449	2500660.36	0.9682	A	2.0
8	☐			39658.93	0.0162	P	1.5

$$y = 4.8644\text{E-}004 * x + 4.4085\text{E-}004$$

$$R = 0.9998$$

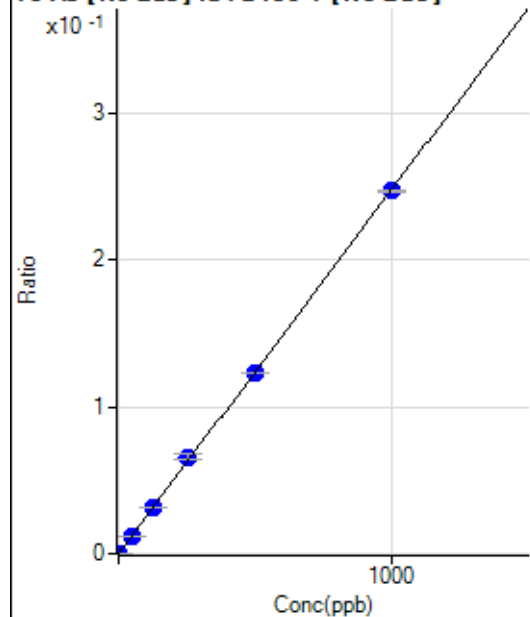
$$DL = 0.3181$$

$$BEC = 0.9063$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.11	0.0000	P	20.4
2	☐	1.000	1.026	1242.29	0.0003	P	5.3
3	☐	50.000	49.715	60483.56	0.0123	P	0.6
4	☐	125.000	126.847	156433.99	0.0315	P	1.4
5	☐	250.000	266.856	324156.87	0.0662	P	5.7
6	☐	500.000	496.929	624853.69	0.1232	P	1.0
7	☐	1000.000	997.105	1296298.58	0.2472	P	0.4
8	☐			715.58	0.0001	P	5.9

$$y = 2.4791\text{E-}004 * x + 1.0955\text{E-}005$$

$$R = 0.9998$$

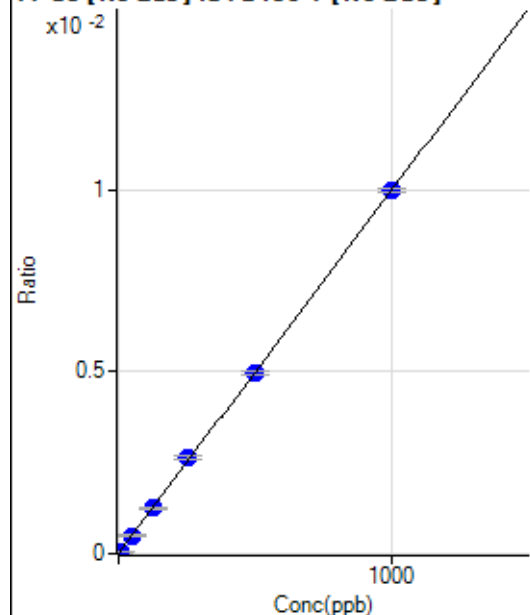
$$DL = 0.027$$

$$BEC = 0.04419$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	44.3
2	☐	5.000	5.044	275.01	0.0001	P	23.4
3	☐	50.000	47.741	2375.26	0.0005	P	9.3
4	☐	125.000	125.926	6287.69	0.0013	P	3.7
5	☐	250.000	264.567	12975.75	0.0026	P	4.9
6	☐	500.000	495.671	25120.07	0.0050	P	2.5
7	☐	1000.000	998.520	52283.59	0.0100	P	1.1
8	☐			97.23	0.0000	P	47.0

$$y = 9.9768\text{E-}006 * x + 8.3397\text{E-}006$$

$$R = 0.9999$$

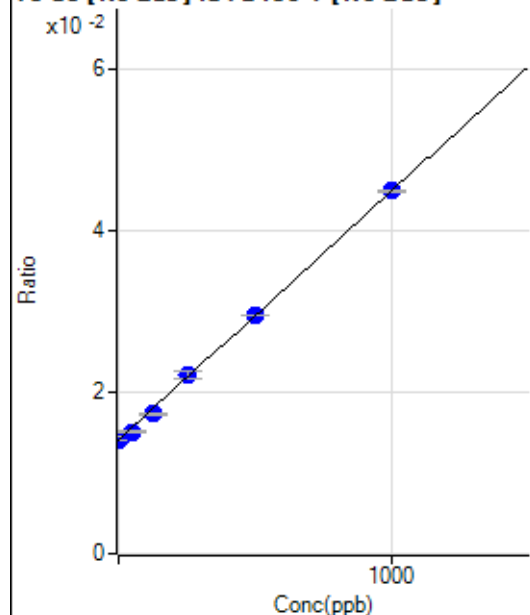
$$DL = 1.11$$

$$BEC = 0.8359$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65857.08	0.0141	P	0.9
2	☐	5.000	4.041	66714.33	0.0143	P	3.0
3	☐	50.000	31.705	74061.78	0.0151	P	1.9
4	☐	125.000	104.859	86342.72	0.0174	P	1.0
5	☐	250.000	262.359	108897.51	0.0222	P	4.8
6	☐	500.000	500.656	149982.71	0.0296	P	0.6
7	☐	1000.000	1000.019	235854.47	0.0450	P	0.4
8	☐			70418.37	0.0140	P	0.8

$$y = 3.0848\text{E-}005 * x + 0.0141$$

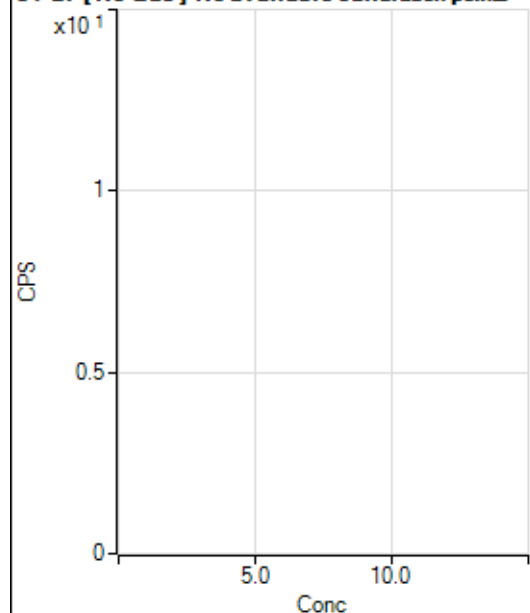
$$R = 0.9996$$

$$DL = 11.71$$

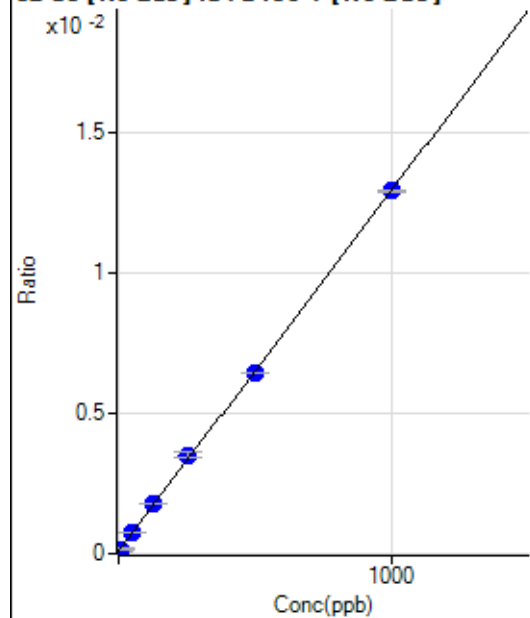
$$BEC = 458$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2917.04		P	5.2
2	☐			3219.91		P	3.9
3	☐			2950.39		P	8.6
4	☐			3325.49		P	5.0
5	☐			3172.66		P	4.3
6	☐			3303.26		P	6.5
7	☐			3228.23		P	4.2
8	☐			3458.87		P	4.7

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	452.66	0.0001	P	13.7
2	☐	5.000	5.731	798.56	0.0002	P	3.7
3	☐	50.000	50.673	3662.87	0.0007	P	3.7
4	☐	125.000	128.990	8712.87	0.0018	P	0.8
5	☐	250.000	266.814	17244.82	0.0035	P	5.9
6	☐	500.000	494.327	32658.96	0.0064	P	0.3
7	☐	1000.000	998.097	67659.55	0.0129	P	0.4
8	☐			521.05	0.0001	P	6.6

$$y = 1.2830E-005 * x + 9.7014E-005$$

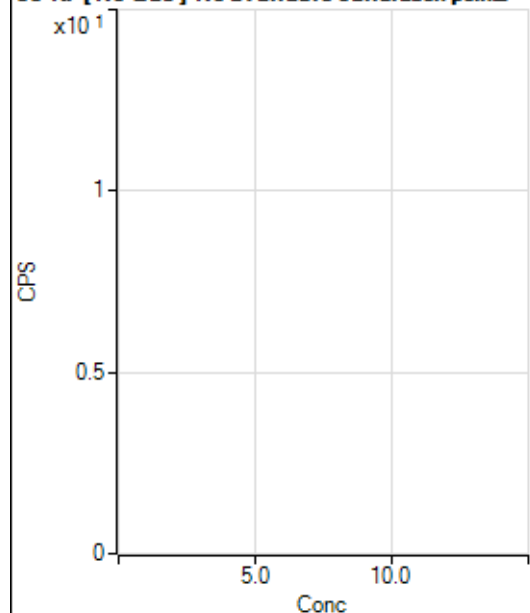
$$R = 0.9998$$

$$DL = 3.101$$

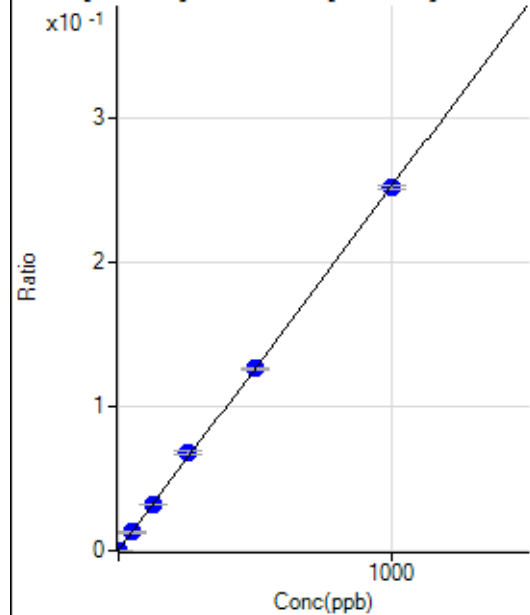
$$BEC = 7.562$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1003.38		P	6.2
2	☐			973.38		P	4.7
3	☐			980.05		P	2.1
4	☐			955.60		P	5.1
5	☐			987.82		P	8.5
6	☐			1045.61		P	5.5
7	☐			1017.83		P	1.9
8	☐			971.16		P	5.9

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1486.23	0.0003	P	2.7
2	☐	1.000	0.948	2614.21	0.0006	P	1.4
3	☐	50.000	49.042	62359.18	0.0127	P	2.5
4	☐	125.000	126.713	160898.00	0.0324	P	0.3
5	☐	250.000	267.793	333356.20	0.0680	P	4.5
6	☐	500.000	498.782	641117.16	0.1264	P	0.9
7	☐	1000.000	995.994	1321966.21	0.2521	P	1.2
8	☐			3942.33	0.0008	P	5.6

$$y = 2.5280E-004 * x + 3.1886E-004$$

$$R = 0.9998$$

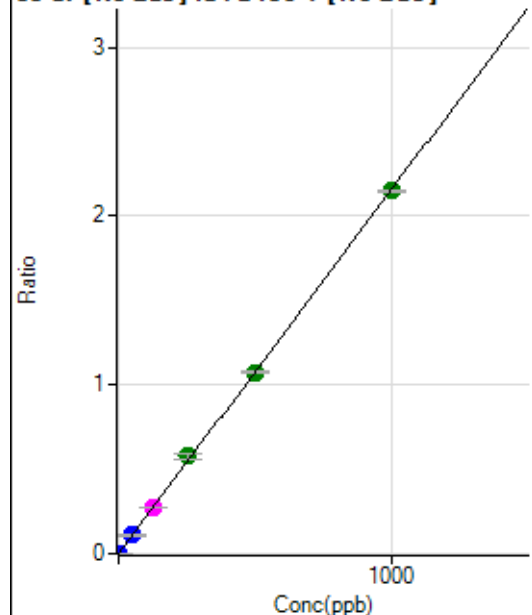
$$DL = 0.103$$

$$BEC = 1.261$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.2
2	☐	1.000	1.005	10198.47	0.0022	P	2.4
3	☐	50.000	50.208	531120.10	0.1083	P	0.4
4	☐	125.000	127.372	1366464.43	0.2748	M	1.2
5	☐	250.000	266.788	2820580.42	0.5755	A	4.6
6	☐	500.000	498.253	5451208.02	1.0749	A	1.5
7	☐	1000.000	996.370	11271390.96	2.1494	A	0.9
8	☐			22501.98	0.0045	P	1.2

$$y = 0.0022 * x + 1.0686E-005$$

$$R = 0.9998$$

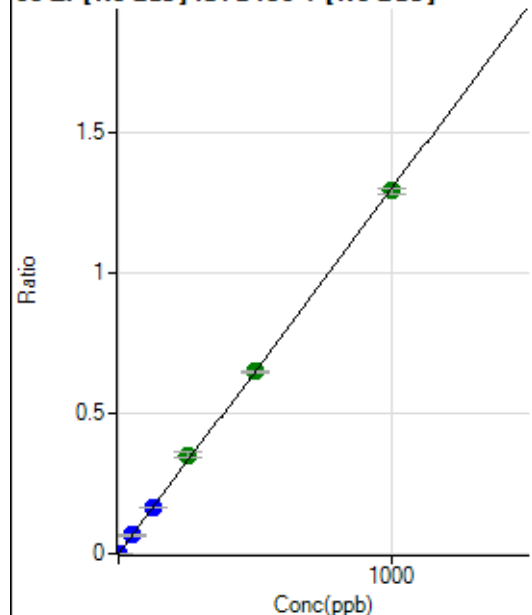
$$DL = 0.006427$$

$$BEC = 0.004954$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0001	P	40.8
2	☐	1.000	1.029	6546.17	0.0014	P	5.6
3	☐	50.000	50.641	323354.93	0.0660	P	2.7
4	☐	125.000	127.877	827789.94	0.1665	P	1.7
5	☐	250.000	270.500	1724679.33	0.3520	A	5.7
6	☐	500.000	499.874	3299186.51	0.6505	A	0.9
7	☐	1000.000	994.546	6785959.18	1.2942	A	1.9
8	☐			2155.78	0.0004	P	3.9

$$y = 0.0013 * x + 5.9486E-005$$

$$R = 0.9998$$

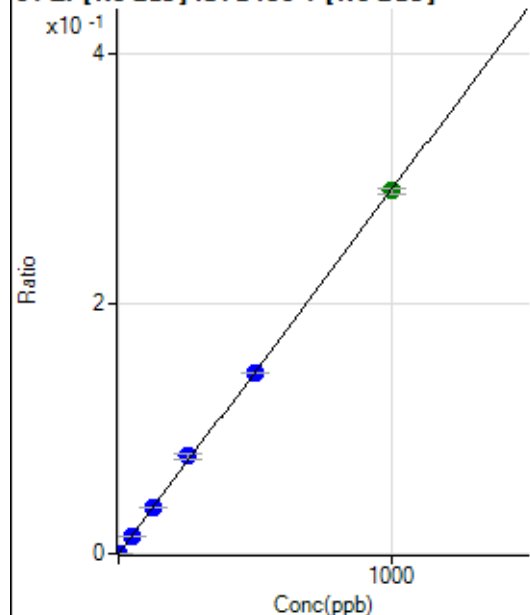
$$DL = 0.05597$$

$$BEC = 0.04572$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	23.5
2	☐	1.000	0.999	1416.79	0.0003	P	7.9
3	☐	50.000	49.560	70886.13	0.0145	P	1.6
4	☐	125.000	125.455	181902.19	0.0366	P	1.8
5	☐	250.000	267.587	382122.19	0.0780	P	6.1
6	☐	500.000	497.322	735279.20	0.1450	P	0.6
7	☐	1000.000	996.907	1523745.68	0.2906	A	1.7
8	☐			558.36	0.0001	P	12.9

$$y = 2.9149\text{E-}004 * x + 1.1315\text{E-}005$$

$$R = 0.9998$$

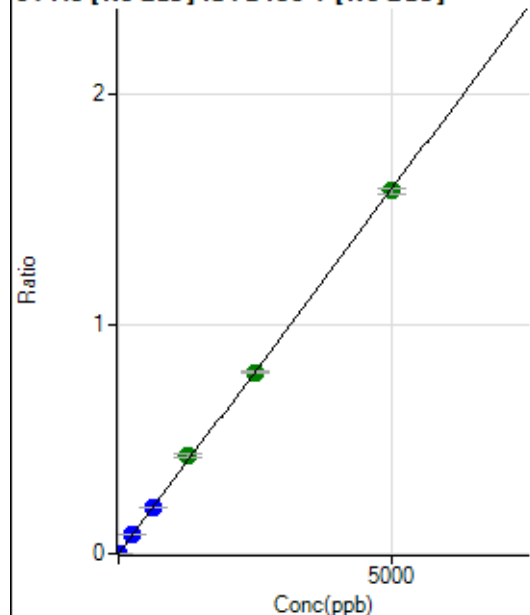
$$DL = 0.0274$$

$$BEC = 0.03882$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	7.5
2	☐	10.000	5.374	8074.78	0.0017	P	2.0
3	☐	250.000	253.512	395161.65	0.0806	P	1.2
4	☐	625.000	643.689	1017626.43	0.2046	P	0.7
5	☐	1250.000	1347.682	2099067.54	0.4284	A	5.1
6	☐	2500.000	2492.024	4017635.47	0.7921	A	0.4
7	☐	5000.000	4977.065	8295383.52	1.5820	A	1.7
8	☐			4161.84	0.0008	P	5.3

$$y = 3.1785\text{E-}004 * x + 1.6695\text{E-}005$$

$$R = 0.9998$$

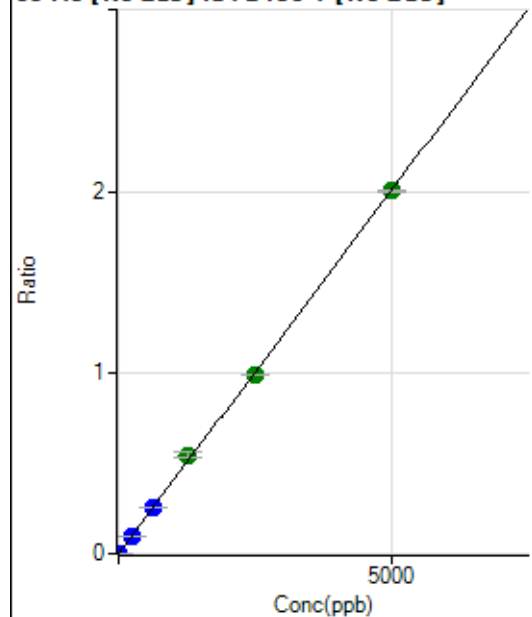
$$DL = 0.01185$$

$$BEC = 0.05253$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	52.4
2	☐	10.000	5.425	10223.50	0.0022	P	0.3
3	☐	250.000	248.737	489270.60	0.0998	P	0.4
4	☐	625.000	632.872	1262478.81	0.2539	P	1.3
5	☐	1250.000	1353.500	2660258.80	0.5429	A	5.3
6	☐	2500.000	2462.087	5009429.02	0.9876	A	0.7
7	☐	5000.000	4992.170	10501093.55	2.0026	A	0.6
8	☐			6232.11	0.0012	P	3.0

$$y = 4.0114\text{E-}004 * x + 7.7239\text{E-}006$$

$$R = 0.9997$$

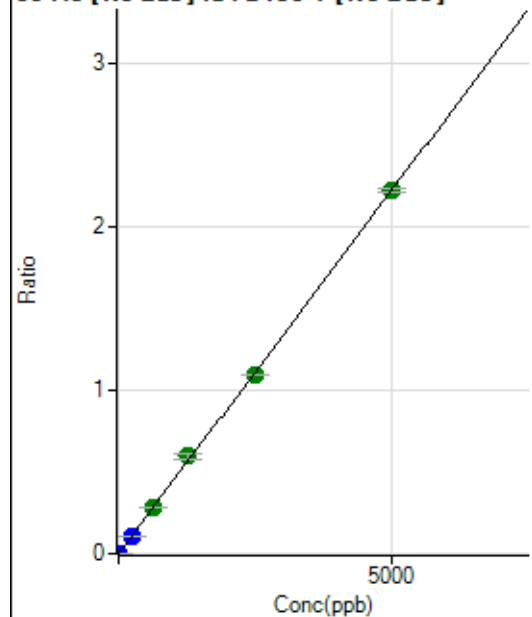
$$DL = 0.03024$$

$$BEC = 0.01925$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	18.1
2	☐	10.000	5.272	11035.23	0.0024	P	2.7
3	☐	250.000	247.865	539348.56	0.1100	P	0.9
4	☐	625.000	633.226	1397313.40	0.2810	A	1.7
5	☐	1250.000	1342.672	2919112.91	0.5958	A	5.4
6	☐	2500.000	2459.156	5534263.53	1.0912	A	0.8
7	☐	5000.000	4996.342	11625304.25	2.2170	A	1.0
8	☐			8005.32	0.0016	P	2.7

$$y = 4.4372\text{E-}004 * x + 1.7896\text{E-}005$$

$$R = 0.9998$$

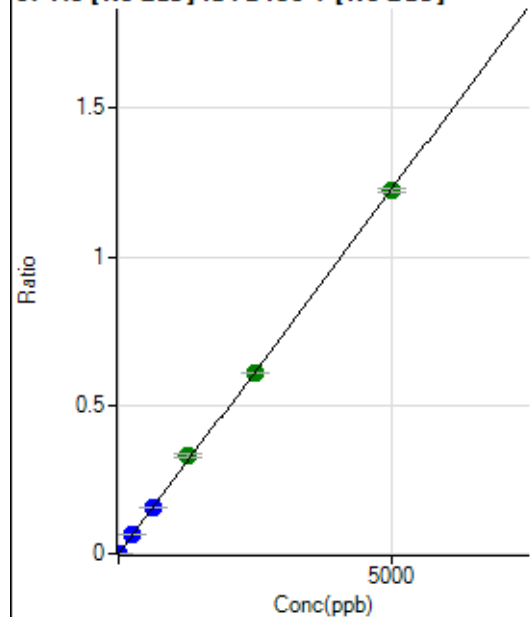
$$DL = 0.02188$$

$$BEC = 0.04033$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	113.
2	☐	10.000	5.249	6040.36	0.0013	P	4.8
3	☐	250.000	252.907	304262.30	0.0621	P	0.2
4	☐	625.000	638.844	779467.93	0.1567	P	1.1
5	☐	1250.000	1355.968	1630718.35	0.3327	A	4.1
6	☐	2500.000	2481.855	3088390.41	0.6089	A	1.0
7	☐	5000.000	4980.714	6407865.12	1.2220	A	1.2
8	☐			3831.18	0.0008	P	8.1

$$y = 2.4535\text{E-}004 * x + 2.3751\text{E-}006$$

$$R = 0.9997$$

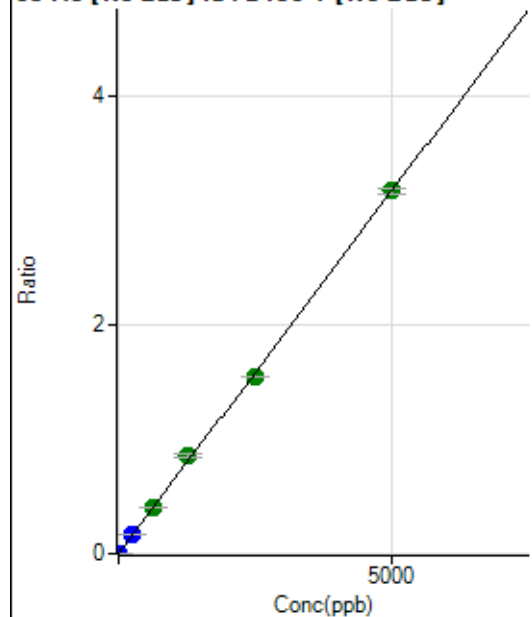
$$DL = 0.03301$$

$$BEC = 0.00968$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	46.5
2	☐	10.000	5.320	15851.08	0.0034	P	0.5
3	☐	250.000	254.113	790777.79	0.1613	P	1.1
4	☐	625.000	635.833	2007051.46	0.4035	A	1.0
5	☐	1250.000	1352.752	4206782.56	0.8585	A	5.3
6	☐	2500.000	2435.666	7840035.59	1.5458	A	0.5
7	☐	5000.000	5004.929	16655404.71	3.1764	A	1.6
8	☐			9545.21	0.0019	P	4.8

$$y = 6.3465\text{E-}004 * x + 9.5243\text{E-}006$$

$$R = 0.9996$$

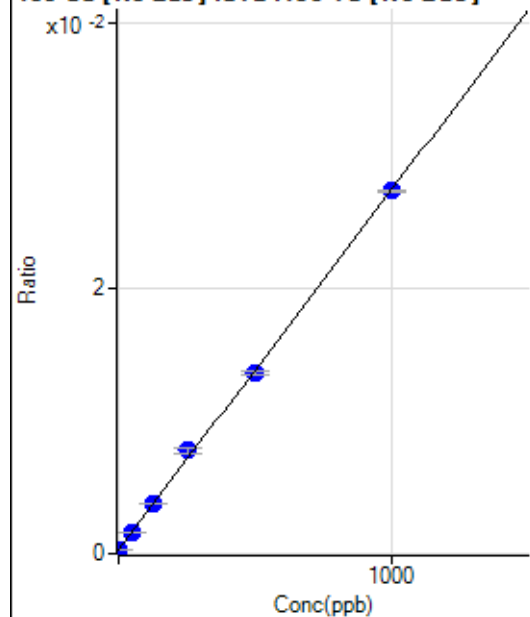
$$DL = 0.02095$$

$$BEC = 0.01501$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	991.74	0.0003	P	5.4
2	☐	1.000	-0.146	988.95	0.0003	P	12.5
3	☐	50.000	48.703	5626.30	0.0016	P	1.7
4	☐	125.000	127.898	13365.12	0.0038	P	1.3
5	☐	250.000	275.477	26712.40	0.0078	P	5.0
6	☐	500.000	491.509	49185.51	0.0136	P	1.5
7	☐	1000.000	997.580	102014.64	0.0274	P	0.2
8	☐			1083.41	0.0003	P	11.4

$$y = 2.7136\text{E-}005 * x + 2.9746\text{E-}004$$

$$R = 0.9996$$

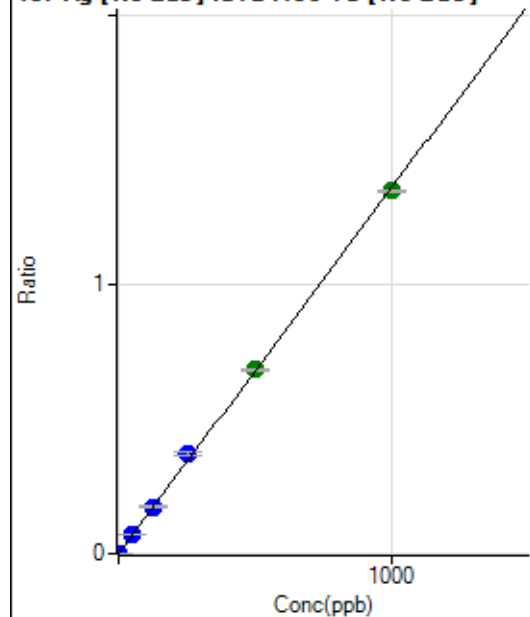
$$DL = 1.784$$

$$BEC = 10.96$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	59.8
2	☐	1.000	1.022	4720.41	0.0014	P	3.1
3	☐	50.000	50.315	237878.53	0.0685	P	1.0
4	☐	125.000	128.106	618113.18	0.1743	P	1.4
5	☐	250.000	273.649	1279354.06	0.3722	P	4.3
6	☐	500.000	503.514	2470738.92	0.6849	A	0.7
7	☐	1000.000	991.927	5029572.08	1.3493	A	0.7
8	☐			1422.33	0.0004	P	11.8

$$y = 0.0014 * x + 1.0920\text{E-}005$$

$$R = 0.9997$$

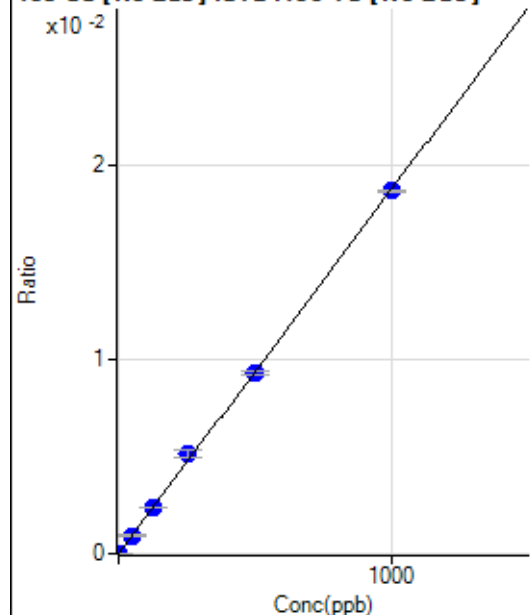
$$DL = 0.01439$$

$$BEC = 0.008027$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	55.9
2	☐	1.000	0.943	70.83	0.0000	P	23.1
3	☐	50.000	49.072	3210.13	0.0009	P	6.3
4	☐	125.000	127.172	8473.53	0.0024	P	0.3
5	☐	250.000	272.605	17572.43	0.0051	P	7.3
6	☐	500.000	496.593	33613.17	0.0093	P	1.6
7	☐	1000.000	995.827	69642.59	0.0187	P	0.8
8	☐			47.22	0.0000	P	46.2

$$y = 1.8758\text{E-}005 * x + 3.3140\text{E-}006$$

$$R = 0.9997$$

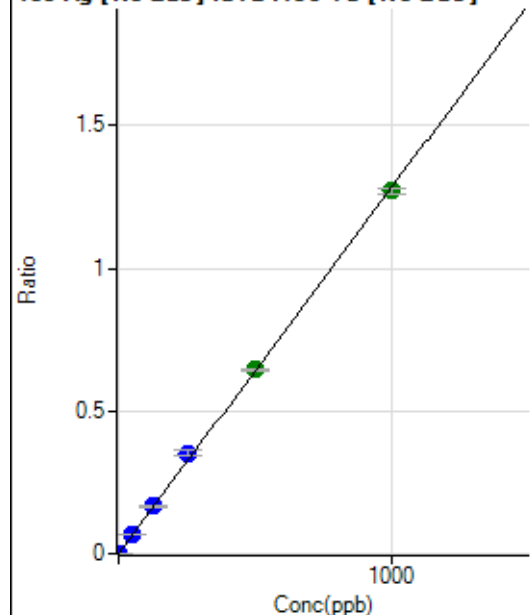
$$DL = 0.2965$$

$$BEC = 0.1767$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.0
2	☐	1.000	1.056	4573.10	0.0014	P	3.8
3	☐	50.000	51.144	227782.44	0.0655	P	2.2
4	☐	125.000	129.813	590035.96	0.1664	P	1.7
5	☐	250.000	275.498	1213301.81	0.3531	P	4.7
6	☐	500.000	503.202	2326292.59	0.6449	A	0.6
7	☐	1000.000	991.365	4735705.66	1.2705	A	1.6
8	☐			1375.10	0.0004	P	3.0

$$y = 0.0013 * x + 5.0255\text{E-}006$$

$$R = 0.9996$$

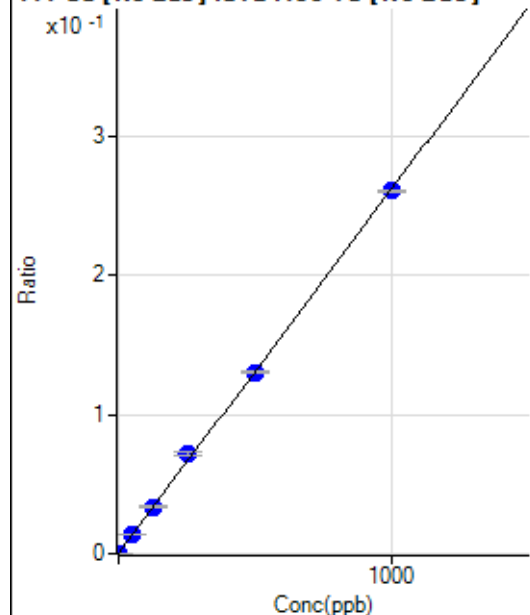
$$DL = 0.005997$$

$$BEC = 0.003921$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	691.99	0.0002	P	5.9
2	☐	1.000	0.905	1498.28	0.0004	P	2.6
3	☐	50.000	51.007	47175.94	0.0136	P	1.7
4	☐	125.000	128.065	119782.80	0.0338	P	1.5
5	☐	250.000	273.235	246844.23	0.0718	P	4.2
6	☐	500.000	496.819	470431.00	0.1304	P	1.1
7	☐	1000.000	995.348	973149.11	0.2611	P	0.2
8	☐			1076.73	0.0003	P	14.1

$$y = 2.6208\text{E-}004 * x + 2.0757\text{E-}004$$

$$R = 0.9997$$

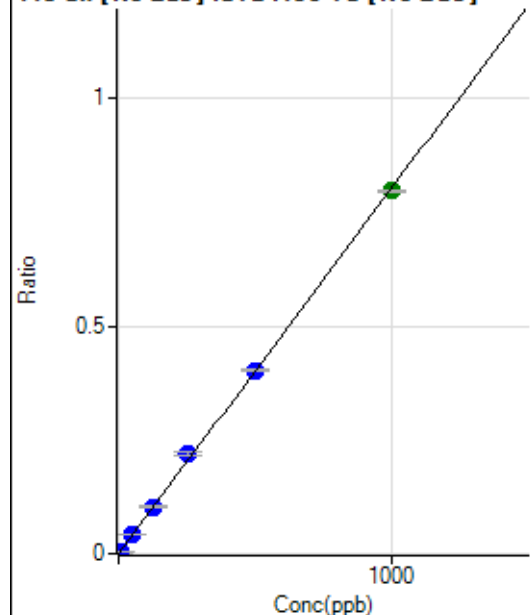
$$DL = 0.1409$$

$$BEC = 0.792$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0001	P	6.0
2	☐	5.000	5.049	13868.46	0.0041	P	0.3
3	☐	50.000	50.662	141411.89	0.0407	P	1.2
4	☐	125.000	128.774	366502.98	0.1033	P	1.0
5	☐	250.000	273.130	752967.47	0.2191	P	4.3
6	☐	500.000	501.382	1450555.48	0.4021	P	0.8
7	☐	1000.000	993.021	2968516.63	0.7964	A	0.6
8	☐			1900.18	0.0005	P	2.6

$$y = 8.0188\text{E-}004 * x + 6.8285\text{E-}005$$

$$R = 0.9997$$

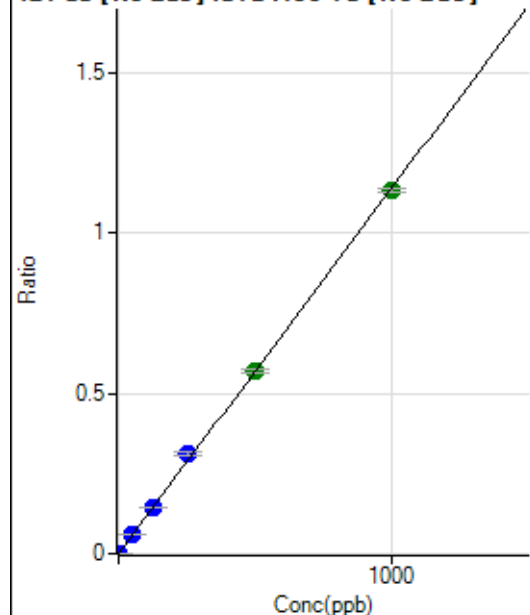
$$DL = 0.01534$$

$$BEC = 0.08516$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.1
2	☐	2.000	1.938	7460.56	0.0022	P	1.7
3	☐	50.000	50.567	200152.97	0.0576	P	1.7
4	☐	125.000	128.051	517319.71	0.1458	P	0.1
5	☐	250.000	273.317	1069508.97	0.3113	P	5.3
6	☐	500.000	500.542	2056468.38	0.5701	A	2.3
7	☐	1000.000	993.490	4217651.88	1.1315	A	1.2
8	☐			2408.62	0.0007	P	4.6

$$y = 0.0011 * x + 6.7130E-006$$

$$R = 0.9997$$

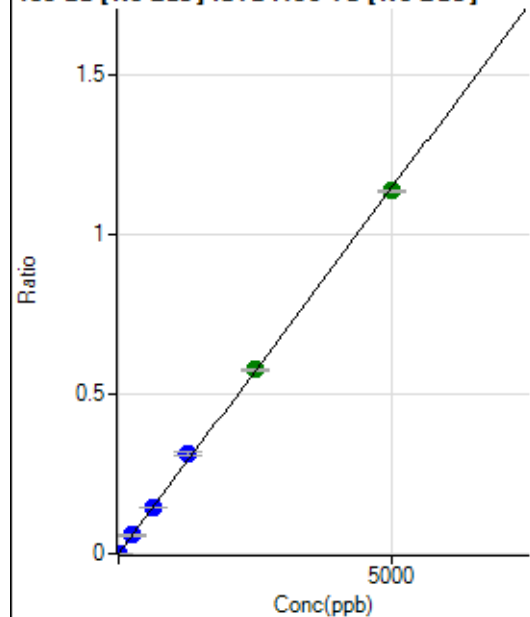
$$DL = 0.01028$$

$$BEC = 0.005894$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	98.5
2	☐	10.000	10.207	7891.41	0.0023	P	1.5
3	☐	250.000	250.927	199908.28	0.0575	P	1.0
4	☐	625.000	633.229	514907.75	0.1452	P	1.5
5	☐	1250.000	1365.725	1076230.38	0.3131	P	3.9
6	☐	2500.000	2516.397	2080929.89	0.5769	A	1.6
7	☐	5000.000	4961.795	4240021.19	1.1375	A	0.3
8	☐			7777.42	0.0022	P	2.0

$$y = 2.2925E-004 * x + 2.4693E-006$$

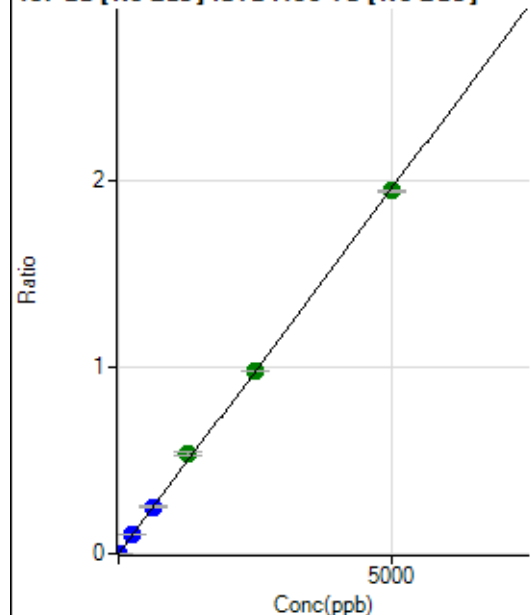
$$R = 0.9997$$

$$DL = 0.03182$$

$$BEC = 0.01077$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.6
2	☐	10.000	10.112	13340.25	0.0040	P	3.9
3	☐	250.000	251.813	342101.59	0.0984	P	1.1
4	☐	625.000	643.123	891709.70	0.2514	P	1.3
5	☐	1250.000	1358.733	1825930.34	0.5312	A	3.8
6	☐	2500.000	2497.960	3522458.93	0.9765	A	0.3
7	☐	5000.000	4971.480	7244248.77	1.9434	A	0.3
8	☐			13479.26	0.0039	P	2.5

$$y = 3.9092E-004 * x + 6.7041E-006$$

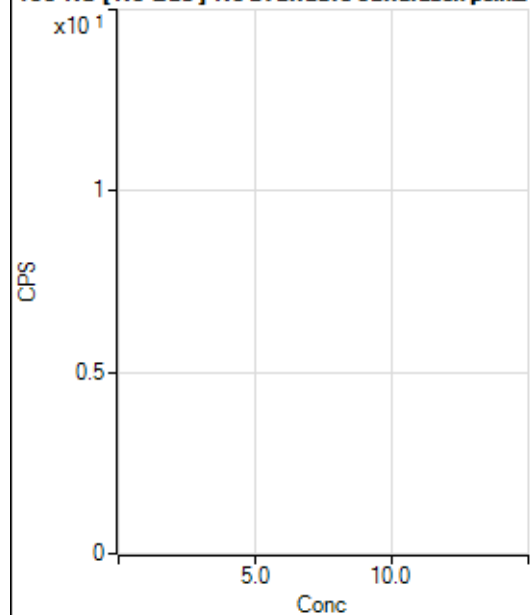
$$R = 0.9997$$

$$DL = 0.04042$$

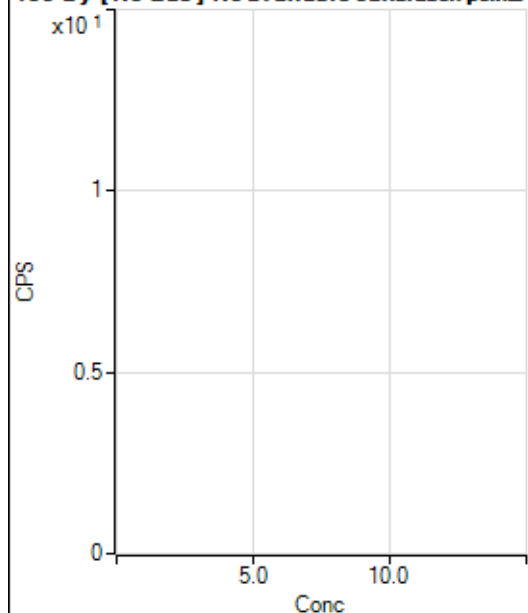
$$BEC = 0.01715$$

Weight: <None>

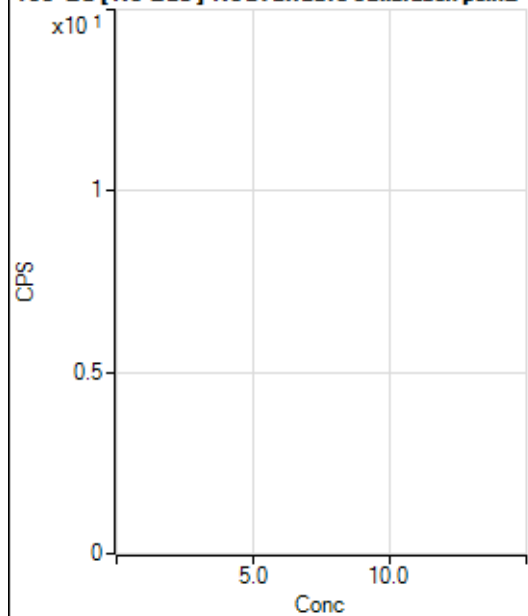
Min Conc: 0

150 Nd [No Gas] No available calibration points

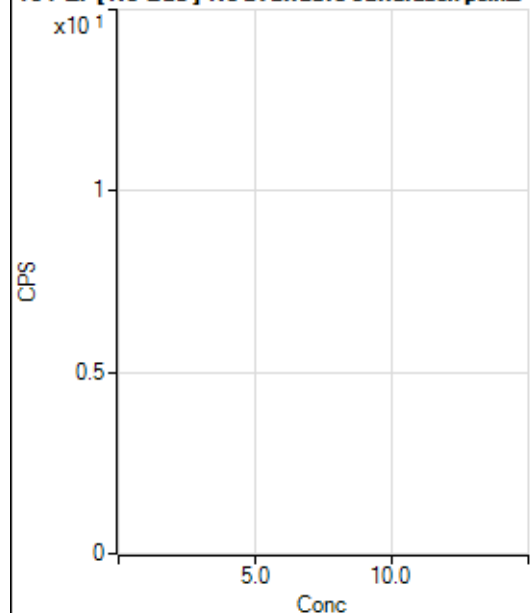
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	100.
2	☐			4.44		P	173.
3	☐			13.33		P	NaN
4	☐			26.67		P	66.1
5	☐			35.56		P	28.6
6	☐			95.56		P	20.1
7	☐			131.12		P	22.9
8	☐			42.22		P	24.1

156 Dy [No Gas] No available calibration points

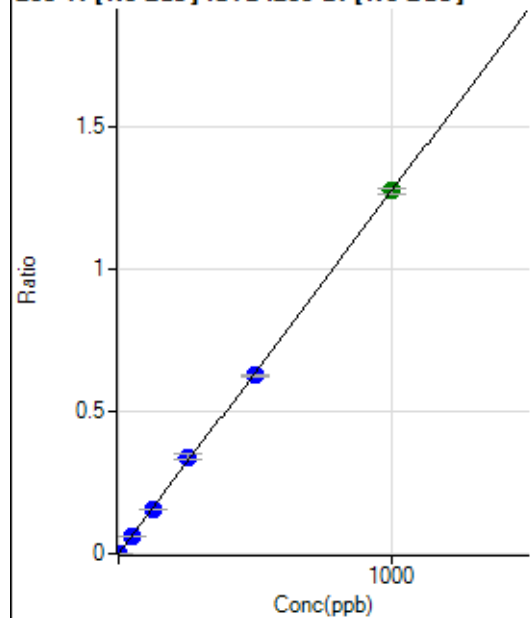
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.89		P	91.6
2	☐			8.33		P	173.
3	☐			16.66		P	86.6
4	☐			19.44		P	49.5
5	☐			25.00		P	88.2
6	☐			27.78		P	91.7
7	☐			72.23		P	13.3
8	☐			175.01		P	20.8

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.00		P	33.3
2	☐			27.78		P	17.3
3	☐			61.11		P	77.5
4	☐			27.78		P	45.8
5	☐			38.89		P	44.6
6	☐			33.34		P	43.3
7	☐			63.89		P	32.8
8	☐			202.78		P	23.4

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			22.22		P	57.3
2	☐			27.78		P	45.8
3	☐			22.22		P	21.6
4	☐			13.89		P	69.3
5	☐			5.55		P	86.6
6	☐			16.67		P	86.6
7	☐			13.89		P	69.3
8	☐			30.56		P	41.7

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	54.3
2	☐	1.000	0.927	2108.57	0.0012	P	5.6
3	☐	50.000	48.411	110826.37	0.0618	P	1.4
4	☐	125.000	122.397	286870.50	0.1561	P	1.6
5	☐	250.000	267.573	599196.21	0.3413	P	5.0
6	☐	500.000	491.064	1146145.29	0.6263	P	1.6
7	☐	1000.000	1000.480	2378242.96	1.2760	A	1.7
8	☐			1288.99	0.0008	P	14.0

$$y = 0.0013 * x + 2.2975E-005$$

$$R = 0.9998$$

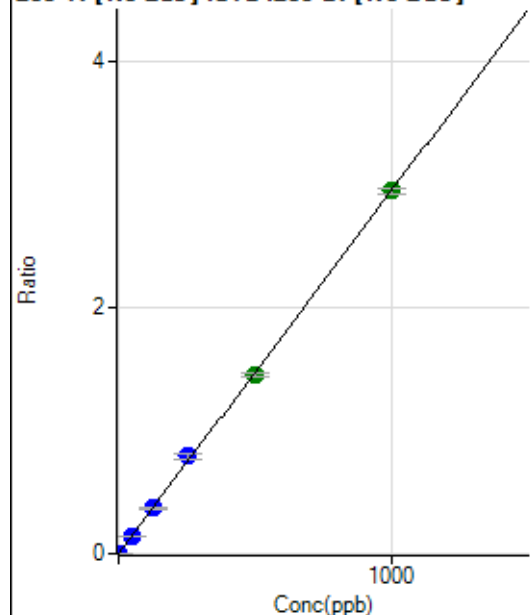
$$DL = 0.02936$$

$$BEC = 0.01801$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	61.6
2	☐	1.000	0.983	5156.73	0.0029	P	3.8
3	☐	50.000	49.337	261447.17	0.1457	P	0.9
4	☐	125.000	124.666	676340.86	0.3681	P	0.9
5	☐	250.000	268.922	1393920.92	0.7940	P	5.0
6	☐	500.000	491.768	2656614.81	1.4519	A	2.4
7	☐	1000.000	999.460	5499533.24	2.9507	A	1.6
8	☐			2805.94	0.0017	P	11.8

$$y = 0.0030 * x + 4.9047E-005$$

$$R = 0.9997$$

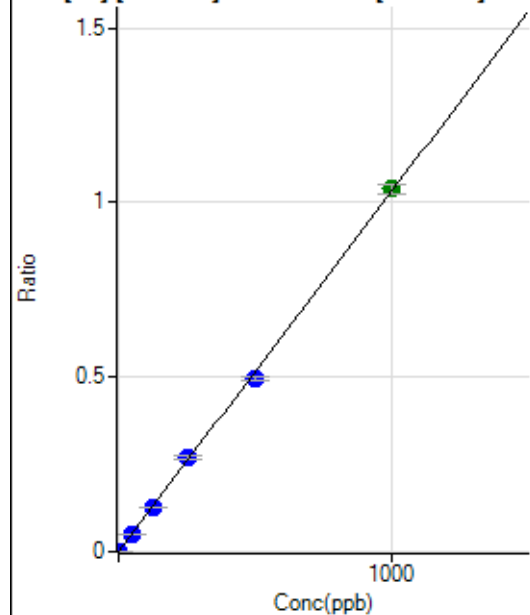
$$DL = 0.03071$$

$$BEC = 0.01661$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	15.2
2	☐	1.000	0.930	1750.15	0.0010	P	4.7
3	☐	50.000	48.444	89726.95	0.0500	P	1.5
4	☐	125.000	121.420	230178.85	0.1253	P	0.9
5	☐	250.000	261.747	473982.90	0.2700	P	5.3
6	☐	500.000	480.555	907040.04	0.4957	P	1.8
7	☐	1000.000	1007.311	1936129.41	1.0390	A	2.9
8	☐			8010.02	0.0047	P	1.7

$$y = 0.0010 * x + 4.2618E-005$$

$$R = 0.9996$$

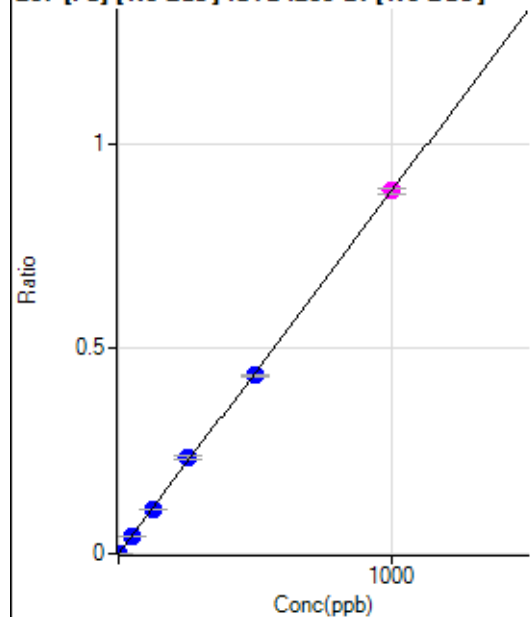
$$DL = 0.01882$$

$$BEC = 0.04132$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.37	0.0000	P	11.7
2	☐	1.000	0.967	1566.79	0.0009	P	6.9
3	☐	50.000	48.415	76917.80	0.0429	P	1.7
4	☐	125.000	123.166	200264.16	0.1090	P	1.4
5	☐	250.000	265.605	412479.83	0.2350	P	5.6
6	☐	500.000	491.262	795347.03	0.4346	P	0.7
7	☐	1000.000	1000.776	1650090.76	0.8853	M	1.7
8	☐			7244.75	0.0043	P	3.1

$$y = 8.8459\text{E-}004 * x + 4.1524\text{E-}005$$

$$R = 0.9998$$

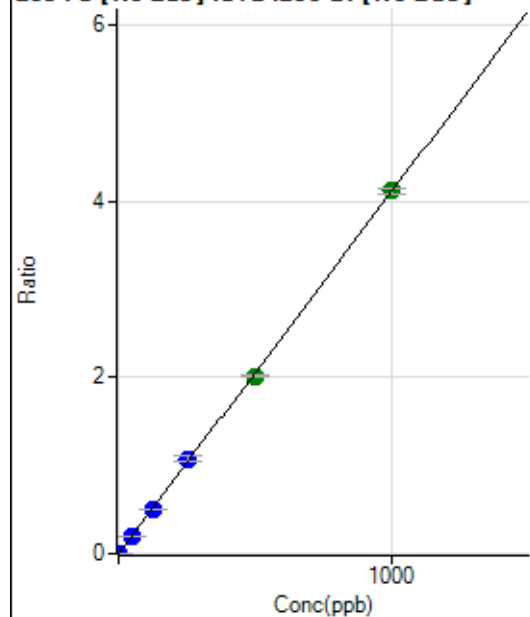
$$DL = 0.01642$$

$$BEC = 0.04694$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	248.15	0.0001	P	18.6
2	☐	1.000	0.953	7095.34	0.0041	P	4.1
3	☐	50.000	48.160	354989.71	0.1978	P	1.4
4	☐	125.000	121.364	915667.09	0.4983	P	1.6
5	☐	250.000	262.094	1889093.52	1.0760	P	5.2
6	☐	500.000	489.717	3679163.56	2.0104	A	0.9
7	☐	1000.000	1002.664	7671843.30	4.1161	A	1.3
8	☐			32796.51	0.0194	P	0.9

$$y = 0.0041 * x + 1.4637\text{E-}004$$

$$R = 0.9998$$

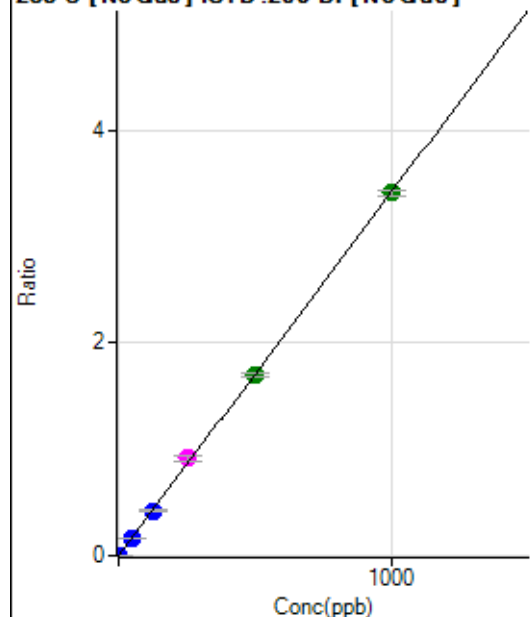
$$DL = 0.0199$$

$$BEC = 0.03566$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.6
2	☐	1.000	0.944	5670.86	0.0032	P	3.4
3	☐	50.000	49.115	301658.07	0.1681	P	1.6
4	☐	125.000	123.925	779397.20	0.4242	P	1.7
5	☐	250.000	267.611	1608517.28	0.9160	M	4.6
6	☐	500.000	496.291	3108509.71	1.6987	A	1.8
7	☐	1000.000	997.631	6364328.18	3.4147	A	1.7
8	☐			930.62	0.0005	P	3.0

$$y = 0.0034 * x + 1.1469E-005$$

$$R = 0.9998$$

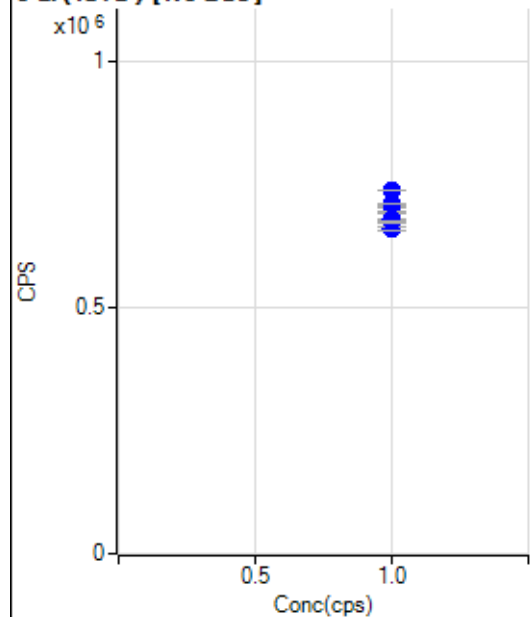
$$DL = 0.006594$$

$$BEC = 0.003351$$

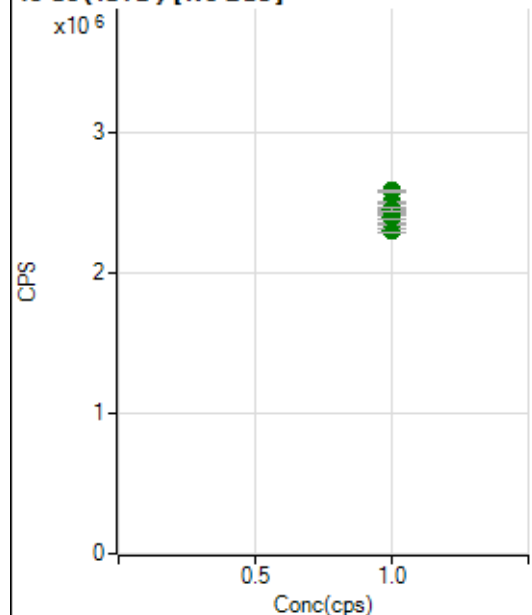
Weight: <None>

Min Conc: 0

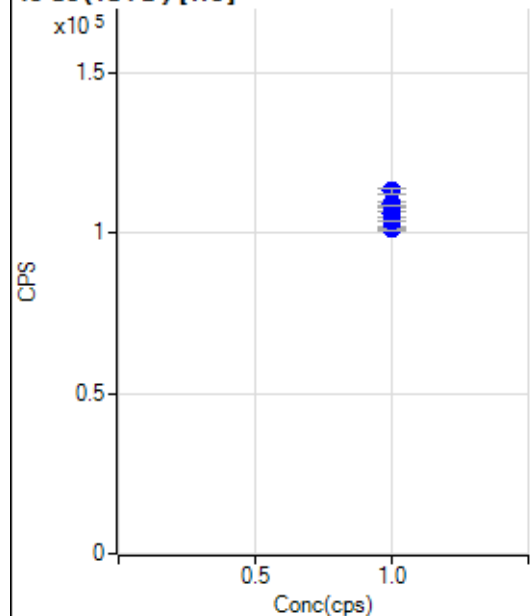
6 Li (ISTD) [No Gas]



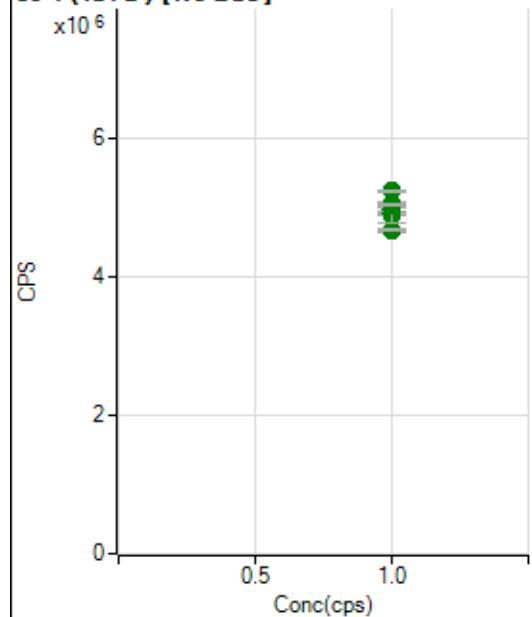
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		660578.30		P	1.1
2	☐	1.000		674892.83		P	0.9
3	☐	1.000		693025.00		P	0.5
4	☐	1.000		705370.89		P	0.6
5	☐	1.000		679692.61		P	4.8
6	☐	1.000		709790.36		P	0.4
7	☐	1.000		736202.63		P	0.1
8	☐	1.000		673446.91		P	0.3

45 Sc (ISTD) [No Gas]

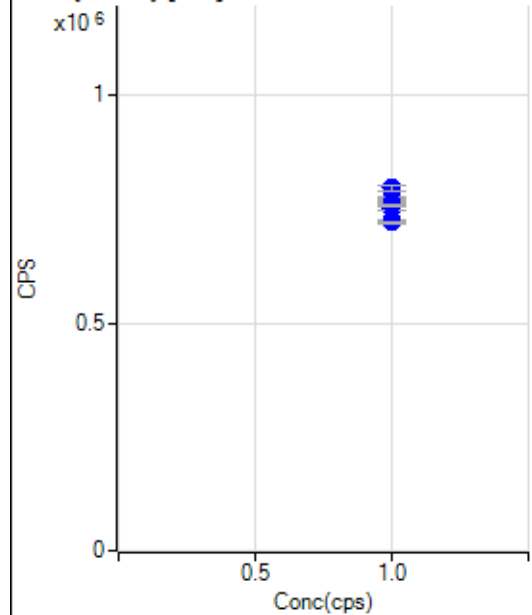
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2298488.99		A	0.9
2	☐	1.000		2348320.90		A	1.1
3	☐	1.000		2391391.82		A	1.2
4	☐	1.000		2436288.02		A	0.8
5	☐	1.000		2432833.47		A	4.7
6	☐	1.000		2500988.07		A	0.7
7	☐	1.000		2582873.73		A	0.5
8	☐	1.000		2452275.71		A	1.0

45 Sc (ISTD) [He]

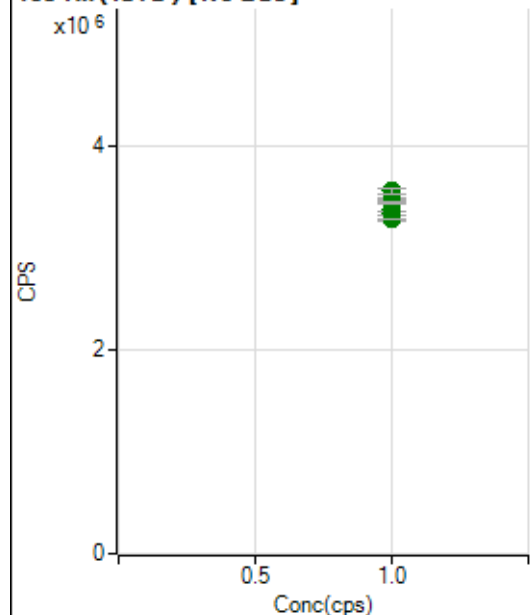
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		101684.19		P	0.5
2	☐	1.000		101149.62		P	0.7
3	☐	1.000		105845.79		P	1.9
4	☐	1.000		108129.92		P	0.3
5	☐	1.000		108985.12		P	1.1
6	☐	1.000		108440.73		P	0.2
7	☐	1.000		113076.15		P	1.9
8	☐	1.000		103689.40		P	0.6

89 Y (ISTD) [No Gas]

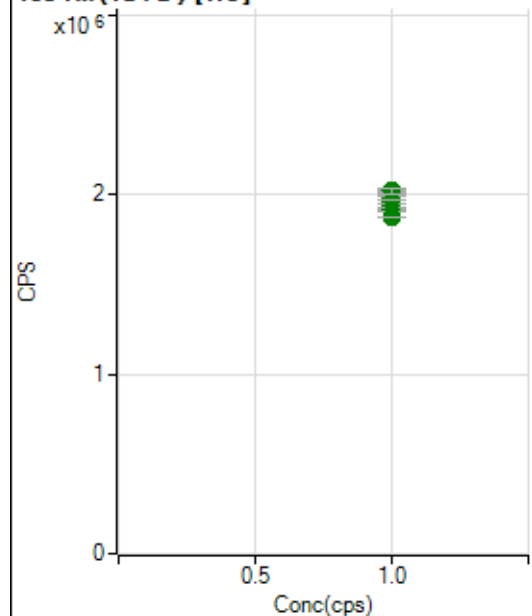
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4661756.01		A	1.3
2	☐	1.000		4681404.37		A	1.0
3	☐	1.000		4903208.50		A	0.7
4	☐	1.000		4973264.55		A	1.2
5	☐	1.000		4908203.47		A	4.9
6	☐	1.000		5071964.82		A	1.0
7	☐	1.000		5243983.05		A	0.8
8	☐	1.000		5044401.11		A	0.8

89 Y (ISTD) [He]

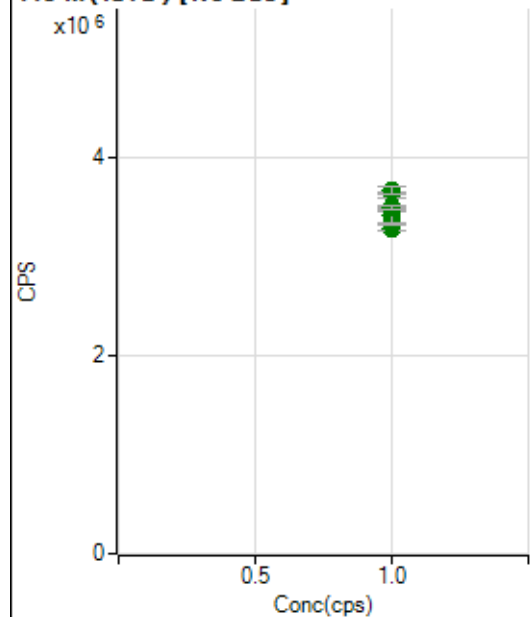
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		725385.52		P	0.9
2	☐	1.000		721410.94		P	0.6
3	☐	1.000		751044.61		P	1.0
4	☐	1.000		771921.04		P	0.9
5	☐	1.000		776682.26		P	0.7
6	☐	1.000		766735.81		P	0.8
7	☐	1.000		797543.37		P	1.5
8	☐	1.000		759448.05		P	0.5

103 Rh (ISTD) [No Gas]

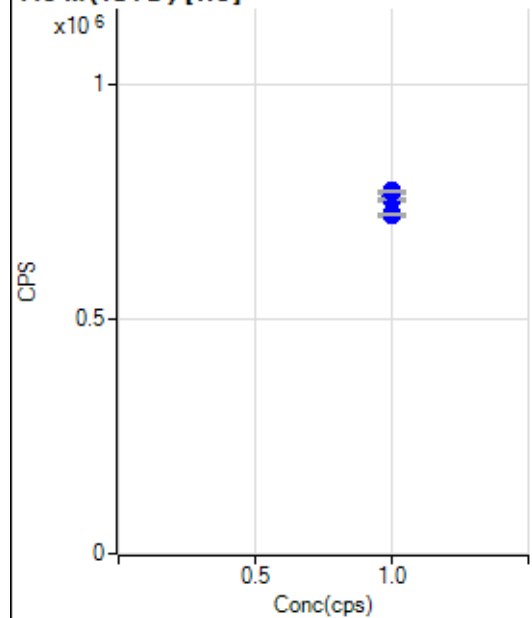
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3298089.59		A	1.6
2	☐	1.000		3348909.17		A	1.5
3	☐	1.000		3485157.81		A	0.7
4	☐	1.000		3476695.78		A	1.6
5	☐	1.000		3389216.11		A	5.8
6	☐	1.000		3454185.06		A	0.3
7	☐	1.000		3568044.44		A	1.4
8	☐	1.000		3289986.88		A	0.1

103 Rh (ISTD) [He]

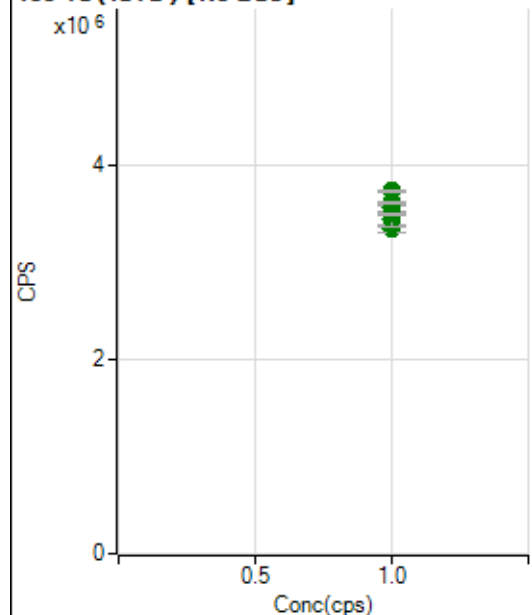
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1936145.02		A	1.3
2	☐	1.000		1919411.20		A	1.0
3	☐	1.000		1961656.38		A	1.2
4	☐	1.000		2006553.74		A	1.5
5	☐	1.000		2008362.96		A	0.6
6	☐	1.000		1980687.21		A	1.0
7	☐	1.000		2022463.41		A	1.5
8	☐	1.000		1876092.23		A	0.5

115 In (ISTD) [No Gas]

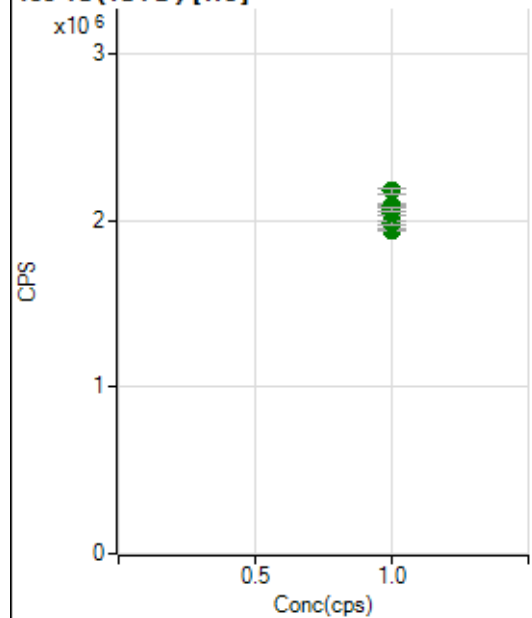
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3282200.15		A	1.4
2	☐	1.000		3322460.61		A	0.0
3	☐	1.000		3459711.74		A	0.4
4	☐	1.000		3473009.27		A	1.0
5	☐	1.000		3412548.43		A	4.8
6	☐	1.000		3490663.45		A	1.4
7	☐	1.000		3614711.80		A	1.6
8	☐	1.000		3656592.18		A	2.1

115 In (ISTD) [He]

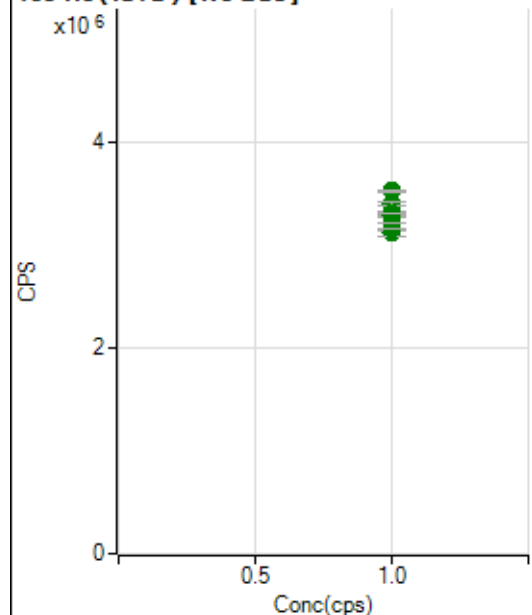
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		722315.90		P	0.6
2	☐	1.000		725313.57		P	0.4
3	☐	1.000		753458.60		P	0.8
4	☐	1.000		769685.16		P	0.8
5	☐	1.000		764758.77		P	1.1
6	☐	1.000		757769.94		P	0.8
7	☐	1.000		772281.30		P	0.7
8	☐	1.000		774522.28		P	0.4

159 Tb (ISTD) [No Gas]

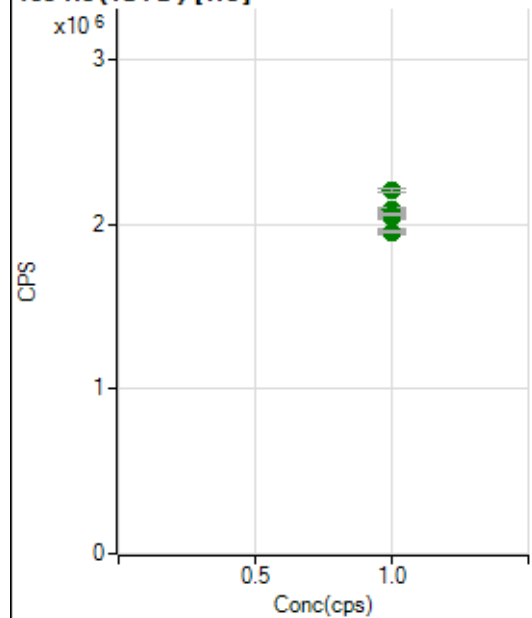
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3336966.86		A	2.5
2	☐	1.000		3368834.81		A	0.7
3	☐	1.000		3475108.59		A	0.3
4	☐	1.000		3547128.84		A	1.4
5	☐	1.000		3441314.01		A	4.5
6	☐	1.000		3607238.21		A	0.3
7	☐	1.000		3727558.97		A	0.4
8	☐	1.000		3490356.89		A	0.9

159 Tb (ISTD) [He]

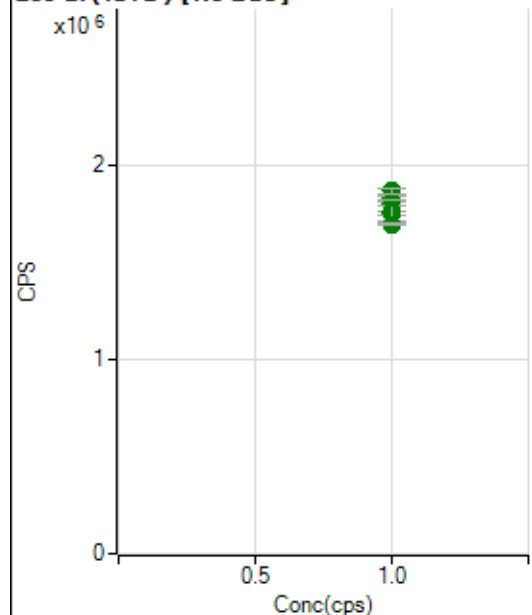
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1944077.91		A	0.4
2	☐	1.000		1980069.07		A	1.1
3	☐	1.000		2040953.89		A	1.2
4	☐	1.000		2080105.84		A	0.7
5	☐	1.000		2088063.51		A	1.0
6	☐	1.000		2078227.94		A	0.4
7	☐	1.000		2177447.59		A	1.3
8	☐	1.000		2067825.66		A	1.1

165 Ho (ISTD) [No Gas]

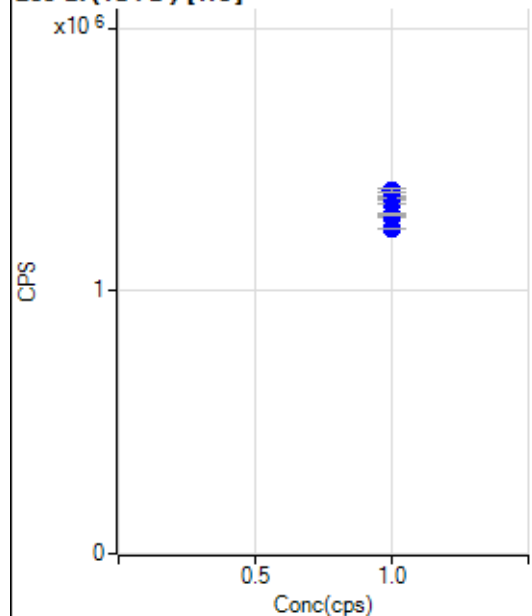
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3111367.93		A	1.7
2	☐	1.000		3148783.27		A	0.1
3	☐	1.000		3272569.63		A	0.7
4	☐	1.000		3306323.29		A	1.3
5	☐	1.000		3291637.21		A	4.6
6	☐	1.000		3389361.40		A	1.2
7	☐	1.000		3518776.25		A	0.6
8	☐	1.000		3302134.54		A	0.4

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1951537.07		A	1.5
2	☐	1.000		1951875.59		A	0.9
3	☐	1.000		2036421.72		A	0.4
4	☐	1.000		2086172.16		A	0.6
5	☐	1.000		2087980.26		A	0.2
6	☐	1.000		2091651.62		A	1.1
7	☐	1.000		2200793.75		A	1.0
8	☐	1.000		2058444.61		A	1.1

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1694232.79		A	0.9
2	☐	1.000		1748104.77		A	1.5
3	☐	1.000		1794450.11		A	1.0
4	☐	1.000		1837480.30		A	0.4
5	☐	1.000		1758875.65		A	5.5
6	☐	1.000		1830140.04		A	1.1
7	☐	1.000		1864142.66		A	1.7
8	☐	1.000		1693022.39		A	0.9

209 Bi (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1282941.80		P	0.5
2	☐	1.000		1290390.89		P	0.2
3	☐	1.000		1331194.63		P	0.4
4	☐	1.000		1357456.39		P	0.8
5	☐	1.000		1352128.11		P	0.7
6	☐	1.000		1353801.46		P	0.3
7	☐	1.000		1379764.68		P	0.9
8	☐	1.000		1235647.62		P	0.3

US EPA Tune Check Report

Operator Name ICPMS
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8020620-MS.b
Acq. Date-Time 2020-02-06 12:53:38
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2370	23698.31			1.344	5.000
24		39197	391969.19			1.402	5.000
25		5467	54666.85			1.360	5.000
26		6516	65163.62			1.233	5.000
59		30637	306374.46			1.300	5.000
113		3104	31043.17			1.961	5.000
115		38592	385921.98			0.975	5.000
206		5976	59764.16			1.318	5.000
207		5364	53639.89			1.754	5.000
208		12628	126280.72			1.527	5.000
220		1	6.80			39.116	

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

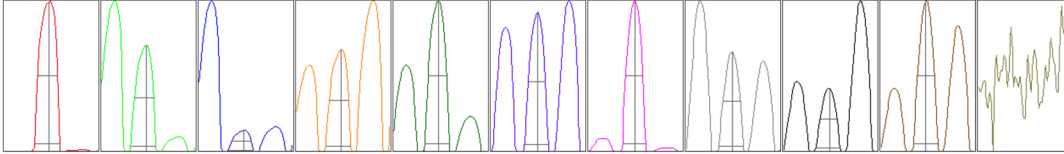
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2413	2345	2335	2370	2387
24	40063	38588	38912	39161	39262
25	5577	5386	5432	5435	5504
26	6658	6460	6496	6481	6487
59	31133	30229	30294	30577	30953
113	3191	3036	3067	3091	3137
115	38958	38383	38065	38923	38633
206	6036	5935	5883	5951	6077
207	5382	5354	5237	5346	5501
208	12692	12571	12373	12601	12903

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3911.20	8.95	8.90 - 9.10	
24	68330.91	23.95	23.90 - 24.10	
25	9132.80	24.95	24.90 - 25.10	
26	10878.47	25.95	25.90 - 26.10	
59	54709.79	58.95	58.90 - 59.10	
113	6094.25	113.00	112.90 - 113.10	
115	75744.94	115.00	114.90 - 115.10	
206	11330.49	206.00	205.90 - 206.10	
207	10251.19	207.00	206.90 - 207.10	
208	24572.16	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.789	0.900	
24	0.62	0.791	0.900	
25	0.63	0.784	0.900	
26	0.63	0.789	0.900	
59	0.58	0.782	0.900	
113	0.53	0.760	0.900	
115	0.53	0.728	0.900	
206	0.55	0.779	0.900	
207	0.54	0.768	0.900	
208	0.53	0.777	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.50 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.4 V	Deflect	15.0 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.1 mm
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EM

Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8639	86388.73			0.783	
89		7511	75108.88			0.373	
205		6721	67205.91			0.840	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8558	8681	8605	8619	8731
89	7511	7471	7544	7499	7529
205	6811	6718	6720	6656	6699

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.50 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.4 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.1 mm		
EM					
Discriminator	3.9 mV	Analog HV	2168 V	Pulse HV	1119 V

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:31:03	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.13	0.15	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.05	-0.13	0.08	0.00	N/A	ppb
Boron	10-1	0.28	-0.11	-0.17	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	0.49	0.17	-0.66	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.11	0.08	0.00	N/A	ppb
Cadmium	111-1	0.03	0.02	-0.05	0.00	N/A	ppb
Calcium	43-1	1.75	-4.64	2.89	0.00	N/A	ppb
Calcium	44-1	-5.76	7.77	-2.01	0.00	N/A	ppb
Chromium	52-1	0.09	-0.04	-0.04	0.00	N/A	ppb
Cobalt	59-1	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-1	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-1	-4.64	10.41	-5.77	0.00	N/A	ppb
Iron	56-1	2.02	2.38	-4.40	0.00	N/A	ppb
Iron	57-1	-1.13	-0.04	1.17	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.04	0.06	-0.02	0.00	N/A	ppb
Manganese	55-1	-0.05	0.01	0.04	0.00	N/A	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:31:03	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-1	-28.10	-25.24	-26.03	-26.45		ppb
Potassium	39-1	-4.14	3.57	0.57	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-1.03	0.00	1.04	0.00	N/A	ppb
Selenium	77-1	-0.11	-0.30	0.41	0.00	N/A	ppb
Selenium	78-1	4.02	-3.78	-0.23	0.00	N/A	ppb
Silicon	28-1	1.30	0.42	-1.71	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	0.38	1.28	-1.66	0.00	N/A	ppb
Strontium	86-1	0.03	0.01	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	221.20	270.75	-14.58	159.12	95.81	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.15	0.14	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.01	-0.02	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-1	-0.04	-0.08	0.12	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	90-1	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:34:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.96	21.76	21.37	21.36	1.87	ppb
Antimony	121-1	1.95	1.96	1.90	1.94	1.70	ppb
Arsenic	75-1	1.05	0.96	1.07	1.03	5.57	ppb
Barium	135-1	10.36	10.05	10.22	10.21	1.52	ppb
Barium	137-1	10.54	9.75	10.04	10.11	3.93	ppb
Beryllium	9-1	1.00	1.04	1.01	1.02	1.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	19.72	21.85	22.63	21.40	7.04	ppb
Boron	10-1	17.96	22.41	23.67	21.34	14.06	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.81	1.41	-1.04	-0.15		ppb
Cadmium	108-1	0.94	1.20	0.69	0.94	27.43	ppb
Cadmium	111-1	0.85	0.94	0.92	0.91	4.92	ppb
Calcium	43-1	512.98	522.63	530.52	522.05	1.68	ppb
Calcium	44-1	520.56	525.32	533.86	526.58	1.28	ppb
Chromium	52-1	1.99	1.94	1.82	1.92	4.70	ppb
Cobalt	59-1	1.03	1.02	1.06	1.04	2.08	ppb
Copper	63-1	1.93	2.05	2.04	2.00	3.14	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-1	38.32	43.02	53.13	44.82	16.88	ppb
Iron	56-1	38.58	48.86	35.92	41.12	16.62	ppb
Iron	57-1	55.63	55.05	56.46	55.71	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.89	0.98	0.93	4.92	ppb
Lead	207-1	1.04	0.90	0.96	0.97	7.25	ppb
Lead	208-1	0.95	0.91	1.00	0.95	4.23	ppb
Lithium	6-1				102		%
Magnesium	24-1	528.92	528.87	527.34	528.38	0.17	ppb
Manganese	55-1	0.98	0.96	1.00	0.98	2.14	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:34:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.47	5.40	5.26	5.37	1.99	ppb
Molybdenum	95-1	5.43	5.44	5.41	5.42	0.32	ppb
Molybdenum	96-1	5.43	5.24	5.15	5.27	2.72	ppb
Molybdenum	97-1	5.52	5.19	5.03	5.25	4.79	ppb
Molybdenum	98-1	5.35	5.32	5.29	5.32	0.54	ppb
Neodymium	150-1						cps
Nickel	60-1	1.17	1.21	1.12	1.17	3.58	ppb
Phosphorus	31-1	25.68	25.54	28.15	26.45	5.56	ppb
Potassium	39-1	459.95	479.92	515.21	485.03	5.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	5.80	5.21	6.18	5.73	8.53	ppb
Selenium	77-1	5.03	3.68	6.43	5.04	27.24	ppb
Selenium	78-1	-11.07	15.69	7.51	4.04	339.28	ppb
Silicon	28-1	5.49	9.76	7.82	7.69	27.78	ppb
Silver	109-1	1.02	1.05	1.10	1.06	3.79	ppb
Silver	107-1	1.01	1.06	0.99	1.02	3.13	ppb
Sodium	23-1	503.67	512.18	520.06	511.97	1.60	ppb
Strontium	86-1	0.98	0.94	0.92	0.95	3.36	ppb
Strontium	88-1	0.99	0.99	1.03	1.00	2.39	ppb
Sulfur	34-1	-1055.86	320.87	257.62	-159.12		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	205-1	1.01	0.99	0.94	0.98	3.84	ppb
Thallium	203-1	0.87	0.97	0.95	0.93	5.73	ppb
Tin	118-1	5.06	5.03	5.05	5.05	0.29	ppb
Titanium	47-1	5.15	4.92	4.89	4.99	2.92	ppb
Uranium	238-1	0.91	0.98	0.94	0.94	3.39	ppb
Vanadium	51-1	5.33	5.28	5.41	5.34	1.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-1	1.65	1.53	1.64	1.61	4.14	ppb
Zirconium	91-1	1.03	0.91	1.06	1.00	8.22	ppb
Zirconium	90-1	1.10	0.99	1.00	1.03	5.82	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:37:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1016.65	1035.86	1035.18	1029.23	1.06	ppb
Antimony	121-1	51.15	49.57	50.99	50.57	1.71	ppb
Arsenic	75-1	49.55	50.06	49.53	49.71	0.61	ppb
Barium	135-1	253.61	249.01	250.16	250.93	0.95	ppb
Barium	137-1	254.02	248.87	252.54	251.81	1.05	ppb
Beryllium	9-1	50.01	50.03	50.03	50.02	0.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	44.42	47.68	51.57	47.89	7.47	ppb
Boron	10-1	42.46	46.72	51.51	46.90	9.66	ppb
Bromine	81-1						cps
Cadmium	106-1	49.51	47.57	49.04	48.70	2.08	ppb
Cadmium	108-1	51.70	45.66	49.85	49.07	6.30	ppb
Cadmium	111-1	51.40	50.02	51.60	51.01	1.68	ppb
Calcium	43-1	5366.35	5453.19	5267.15	5362.23	1.74	ppb
Calcium	44-1	5434.60	5418.08	5446.58	5433.09	0.26	ppb
Chromium	52-1	51.42	52.03	52.57	52.01	1.11	ppb
Cobalt	59-1	51.75	52.12	51.47	51.78	0.62	ppb
Copper	63-1	102.56	104.39	102.12	103.02	1.17	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-1	2727.74	2811.72	2793.93	2777.79	1.59	ppb
Iron	56-1	2579.81	2670.65	2674.77	2641.74	2.03	ppb
Iron	57-1	2701.23	2794.85	2724.32	2740.13	1.78	ppb
Krypton	83-1						cps
Lead	206-1	48.55	47.69	49.09	48.44	1.46	ppb
Lead	207-1	48.97	47.47	48.80	48.42	1.69	ppb
Lead	208-1	48.68	47.40	48.40	48.16	1.40	ppb
Lithium	6-1				105		%
Magnesium	24-1	5143.24	5260.76	5214.38	5206.13	1.14	ppb
Manganese	55-1	101.31	105.25	106.21	104.26	2.49	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:37:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.54	253.47	256.53	253.51	1.18	ppb
Molybdenum	95-1	248.49	247.79	249.94	248.74	0.44	ppb
Molybdenum	96-1	246.26	246.91	250.42	247.86	0.90	ppb
Molybdenum	97-1	253.12	252.39	253.21	252.91	0.18	ppb
Molybdenum	98-1	251.83	253.12	257.39	254.11	1.15	ppb
Neodymium	150-1						cps
Nickel	60-1	52.65	51.79	51.45	51.96	1.19	ppb
Phosphorus	31-1	991.03	1020.62	999.97	1003.87	1.51	ppb
Potassium	39-1	2543.17	2573.69	2549.93	2555.60	0.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	48.40	50.95	52.67	50.67	4.23	ppb
Selenium	77-1	43.26	52.30	47.66	47.74	9.47	ppb
Selenium	78-1	20.80	35.83	38.48	31.70	30.07	ppb
Silicon	28-1	61.86	78.30	67.93	69.36	11.98	ppb
Silver	109-1	52.43	50.34	50.66	51.14	2.20	ppb
Silver	107-1	50.83	49.82	50.29	50.31	1.00	ppb
Sodium	23-1	5182.37	5320.03	5265.31	5255.90	1.32	ppb
Strontium	86-1	50.00	47.60	49.53	49.04	2.59	ppb
Strontium	88-1	50.34	50.31	49.97	50.21	0.42	ppb
Sulfur	34-1	49.23	932.48	352.57	444.76	100.90	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	205-1	49.21	48.96	49.84	49.34	0.92	ppb
Thallium	203-1	48.99	47.64	48.60	48.41	1.44	ppb
Tin	118-1	51.36	50.16	50.47	50.66	1.23	ppb
Titanium	47-1	251.93	252.58	253.71	252.74	0.36	ppb
Uranium	238-1	49.79	48.27	49.28	49.11	1.58	ppb
Vanadium	51-1	51.89	52.35	52.27	52.17	0.48	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-1	104.87	109.47	104.87	106.40	2.50	ppb
Zirconium	91-1	49.10	49.09	50.49	49.56	1.63	ppb
Zirconium	90-1	49.18	50.86	51.89	50.64	2.71	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:40:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2539.93	2564.67	2555.03	2553.21	0.49	ppb
Antimony	121-1	127.86	128.06	128.23	128.05	0.14	ppb
Arsenic	75-1	128.27	124.83	127.44	126.85	1.42	ppb
Barium	135-1	643.07	624.39	632.22	633.23	1.48	ppb
Barium	137-1	648.17	633.11	648.09	643.12	1.35	ppb
Beryllium	9-1	124.67	124.31	124.80	124.60	0.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	109.58	122.74	132.15	121.49	9.33	ppb
Boron	10-1	109.52	123.74	134.68	122.65	10.29	ppb
Bromine	81-1						cps
Cadmium	106-1	129.74	126.00	127.95	127.90	1.46	ppb
Cadmium	108-1	127.59	126.94	126.99	127.17	0.29	ppb
Cadmium	111-1	130.01	126.03	128.15	128.07	1.55	ppb
Calcium	43-1	13661.52	13862.61	13621.13	13715.09	0.94	ppb
Calcium	44-1	13159.49	13341.07	13195.84	13232.13	0.73	ppb
Chromium	52-1	129.25	130.87	129.71	129.94	0.64	ppb
Cobalt	59-1	130.64	130.09	133.19	131.31	1.26	ppb
Copper	63-1	259.29	258.80	258.13	258.74	0.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-1	6655.55	6728.72	6721.89	6702.06	0.60	ppb
Iron	56-1	6508.19	6597.47	6469.13	6524.93	1.01	ppb
Iron	57-1	6667.52	6746.89	6707.12	6707.18	0.59	ppb
Krypton	83-1						cps
Lead	206-1	122.69	121.10	120.46	121.42	0.94	ppb
Lead	207-1	125.13	122.72	121.65	123.17	1.45	ppb
Lead	208-1	123.29	121.47	119.33	121.36	1.63	ppb
Lithium	6-1				107		%
Magnesium	24-1	12993.77	12929.60	12853.35	12925.57	0.54	ppb
Manganese	55-1	254.78	257.27	253.82	255.29	0.70	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:40:03	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	648.51	643.45	639.11	643.69	0.73	ppb
Molybdenum	95-1	636.89	623.62	638.10	632.87	1.27	ppb
Molybdenum	96-1	641.65	620.72	637.31	633.23	1.74	ppb
Molybdenum	97-1	642.51	630.92	643.10	638.84	1.07	ppb
Molybdenum	98-1	639.37	639.60	628.53	635.83	0.99	ppb
Neodymium	150-1						cps
Nickel	60-1	130.57	128.32	130.32	129.74	0.95	ppb
Phosphorus	31-1	2549.93	2551.49	2549.02	2550.15	0.05	ppb
Potassium	39-1	6482.64	6465.73	6481.53	6476.63	0.15	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	130.26	128.30	128.40	128.99	0.86	ppb
Selenium	77-1	124.98	121.83	130.97	125.93	3.69	ppb
Selenium	78-1	106.53	98.56	109.49	104.86	5.39	ppb
Silicon	28-1	119.06	134.32	149.84	134.41	11.45	ppb
Silver	109-1	130.28	127.36	131.80	129.81	1.74	ppb
Silver	107-1	129.55	126.18	128.59	128.11	1.36	ppb
Sodium	23-1	13120.85	13100.66	13272.27	13164.59	0.71	ppb
Strontium	86-1	126.86	126.93	126.34	126.71	0.26	ppb
Strontium	88-1	128.73	125.68	127.70	127.37	1.22	ppb
Sulfur	34-1	1527.33	1152.19	1483.69	1387.73	14.78	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	205-1	125.68	124.95	123.37	124.67	0.95	ppb
Thallium	203-1	124.51	120.78	121.90	122.40	1.56	ppb
Tin	118-1	129.86	127.28	129.18	128.77	1.04	ppb
Titanium	47-1	637.33	638.06	637.90	637.77	0.06	ppb
Uranium	238-1	126.39	122.65	122.74	123.92	1.72	ppb
Vanadium	51-1	130.40	129.82	130.19	130.14	0.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-1	255.27	260.87	256.28	257.47	1.16	ppb
Zirconium	91-1	127.22	122.95	126.19	125.45	1.78	ppb
Zirconium	90-1	130.19	126.02	127.42	127.88	1.66	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:43:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5239.90	5625.93	5117.16	5327.66	4.98	ppb
Antimony	121-1	263.23	289.97	266.75	273.32	5.32	ppb
Arsenic	75-1	254.36	283.92	262.30	266.86	5.73	ppb
Barium	135-1	1315.73	1421.69	1359.75	1365.73	3.90	ppb
Barium	137-1	1306.55	1410.78	1358.87	1358.73	3.84	ppb
Beryllium	9-1	266.50	286.67	264.35	272.51	4.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	236.87	283.98	272.84	264.56	9.31	ppb
Boron	10-1	235.43	284.43	274.84	264.90	9.80	ppb
Bromine	81-1						cps
Cadmium	106-1	260.52	289.12	276.78	275.48	5.21	ppb
Cadmium	108-1	253.33	292.97	271.51	272.61	7.28	ppb
Cadmium	111-1	263.04	285.55	271.11	273.24	4.17	ppb
Calcium	43-1	27812.92	30308.71	27517.16	28546.26	5.37	ppb
Calcium	44-1	26980.97	29412.75	26869.20	27754.31	5.18	ppb
Chromium	52-1	259.91	281.18	263.01	268.03	4.29	ppb
Cobalt	59-1	261.79	288.97	260.62	270.46	5.93	ppb
Copper	63-1	516.65	567.66	515.50	533.27	5.59	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-1	13421.15	14889.00	13490.87	13933.67	5.94	ppb
Iron	56-1	13252.08	14602.96	13147.69	13667.58	5.94	ppb
Iron	57-1	13298.22	14686.16	13358.47	13780.95	5.69	ppb
Krypton	83-1						cps
Lead	206-1	253.20	277.73	254.31	261.75	5.29	ppb
Lead	207-1	255.88	282.83	258.11	265.61	5.63	ppb
Lead	208-1	253.26	277.65	255.37	262.09	5.16	ppb
Lithium	6-1				103		%
Magnesium	24-1	26431.57	28669.65	26355.52	27152.24	4.84	ppb
Manganese	55-1	512.63	561.99	513.63	529.42	5.33	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:43:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1294.89	1425.22	1322.93	1347.68	5.09	ppb
Molybdenum	95-1	1295.28	1434.52	1330.69	1353.50	5.35	ppb
Molybdenum	96-1	1290.56	1424.93	1312.53	1342.67	5.37	ppb
Molybdenum	97-1	1312.38	1418.90	1336.62	1355.97	4.12	ppb
Molybdenum	98-1	1285.68	1429.14	1343.44	1352.75	5.34	ppb
Neodymium	150-1						cps
Nickel	60-1	264.27	289.16	261.18	271.54	5.65	ppb
Phosphorus	31-1	5193.81	5598.79	5269.63	5354.08	4.02	ppb
Potassium	39-1	13264.48	14241.01	13310.54	13605.34	4.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	253.81	284.94	261.69	266.81	6.07	ppb
Selenium	77-1	253.77	278.88	261.05	264.57	4.88	ppb
Selenium	78-1	233.00	300.45	253.63	262.36	13.17	ppb
Silicon	28-1	265.28	319.54	277.20	287.34	9.92	ppb
Silver	109-1	265.20	290.17	271.13	275.50	4.74	ppb
Silver	107-1	265.01	287.14	268.80	273.65	4.33	ppb
Sodium	23-1	27012.96	29126.07	26604.83	27581.29	4.91	ppb
Strontium	86-1	258.14	281.29	263.95	267.79	4.50	ppb
Strontium	88-1	258.03	280.74	261.59	266.79	4.58	ppb
Sulfur	34-1	3327.58	7034.06	3652.00	4671.21	43.94	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	205-1	261.49	284.50	260.77	268.92	5.02	ppb
Thallium	203-1	259.12	282.90	260.70	267.57	4.97	ppb
Tin	118-1	264.06	286.45	268.87	273.13	4.32	ppb
Titanium	47-1	1302.22	1419.76	1309.41	1343.80	4.90	ppb
Uranium	238-1	257.67	281.53	263.63	267.61	4.64	ppb
Vanadium	51-1	258.87	277.63	258.93	265.15	4.08	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-1	517.04	564.89	519.94	533.96	5.02	ppb
Zirconium	91-1	254.79	286.02	261.95	267.59	6.11	ppb
Zirconium	90-1	257.71	287.66	266.13	270.50	5.71	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:46:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10294.67	9946.79	10054.57	10098.68	1.76	ppb
Antimony	121-1	487.07	507.88	506.68	500.54	2.33	ppb
Arsenic	75-1	501.76	492.10	496.93	496.93	0.97	ppb
Barium	135-1	2517.79	2556.80	2474.59	2516.40	1.63	ppb
Barium	137-1	2506.63	2492.27	2494.98	2497.96	0.31	ppb
Beryllium	9-1	501.98	500.86	503.32	502.05	0.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	437.23	499.32	534.40	490.32	10.04	ppb
Boron	10-1	435.81	507.18	536.38	493.13	10.49	ppb
Bromine	81-1						cps
Cadmium	106-1	484.43	499.55	490.54	491.51	1.55	ppb
Cadmium	108-1	505.10	488.93	495.75	496.59	1.64	ppb
Cadmium	111-1	500.16	499.64	490.66	496.82	1.07	ppb
Calcium	43-1	54042.25	53105.36	53505.18	53550.93	0.88	ppb
Calcium	44-1	51652.39	51355.34	51893.56	51633.77	0.52	ppb
Chromium	52-1	495.01	500.90	491.38	495.76	0.97	ppb
Cobalt	59-1	512.10	489.59	493.27	498.32	2.42	ppb
Copper	63-1	996.08	1005.48	1006.19	1002.58	0.56	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-1	26202.34	26369.50	26005.08	26192.31	0.70	ppb
Iron	56-1	26211.01	26056.08	25607.89	25958.33	1.21	ppb
Iron	57-1	25972.44	25440.99	25434.92	25616.12	1.20	ppb
Krypton	83-1						cps
Lead	206-1	473.18	489.96	478.53	480.55	1.78	ppb
Lead	207-1	489.56	495.46	488.77	491.26	0.74	ppb
Lead	208-1	488.65	494.41	486.09	489.72	0.87	ppb
Lithium	6-1				107		%
Magnesium	24-1	50901.29	50679.77	50081.35	50554.14	0.84	ppb
Manganese	55-1	999.26	1002.95	987.45	996.55	0.81	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:46:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2482.68	2501.29	2492.10	2492.02	0.37	ppb
Molybdenum	95-1	2468.00	2475.53	2442.74	2462.09	0.70	ppb
Molybdenum	96-1	2476.27	2438.72	2462.48	2459.16	0.77	ppb
Molybdenum	97-1	2508.91	2473.98	2462.67	2481.85	0.97	ppb
Molybdenum	98-1	2447.60	2424.74	2434.66	2435.67	0.47	ppb
Neodymium	150-1						cps
Nickel	60-1	510.14	496.42	500.61	502.39	1.40	ppb
Phosphorus	31-1	10137.79	10002.53	9829.44	9989.92	1.55	ppb
Potassium	39-1	25416.97	25364.83	25555.98	25445.92	0.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	494.57	492.96	495.45	494.33	0.25	ppb
Selenium	77-1	503.97	481.26	501.78	495.67	2.53	ppb
Selenium	78-1	504.12	493.49	504.36	500.66	1.24	ppb
Silicon	28-1	523.77	519.09	530.46	524.44	1.09	ppb
Silver	109-1	499.92	504.97	504.71	503.20	0.57	ppb
Silver	107-1	499.59	506.66	504.29	503.51	0.71	ppb
Sodium	23-1	51726.06	51991.79	53014.54	52244.13	1.30	ppb
Strontium	86-1	502.28	493.51	500.56	498.78	0.93	ppb
Strontium	88-1	497.91	490.84	506.02	498.25	1.52	ppb
Sulfur	34-1	10128.02	8610.49	8675.61	9138.04	9.39	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	205-1	487.00	505.20	483.11	491.77	2.40	ppb
Thallium	203-1	491.79	498.63	482.77	491.06	1.62	ppb
Tin	118-1	497.41	505.63	501.10	501.38	0.82	ppb
Titanium	47-1	2533.07	2510.62	2561.27	2534.99	1.00	ppb
Uranium	238-1	494.78	506.12	487.97	496.29	1.85	ppb
Vanadium	51-1	495.56	500.03	498.52	498.04	0.46	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-1	1003.23	1007.45	994.16	1001.62	0.68	ppb
Zirconium	91-1	498.34	493.89	499.74	497.32	0.61	ppb
Zirconium	90-1	499.46	495.66	504.50	499.87	0.89	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:49:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20264.24	20347.56	20233.39	20281.73	0.29	ppb
Antimony	121-1	984.53	1007.45	988.49	993.49	1.23	ppb
Arsenic	75-1	997.76	1001.09	992.47	997.10	0.44	ppb
Barium	135-1	4952.12	4980.49	4952.77	4961.79	0.33	ppb
Barium	137-1	4953.09	4980.41	4980.94	4971.48	0.32	ppb
Beryllium	9-1	990.77	995.66	993.76	993.40	0.25	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	11-1	904.62	1027.04	1073.85	1001.83	8.72	ppb
Boron	10-1	905.60	1024.04	1071.12	1000.25	8.53	ppb
Bromine	81-1						cps
Cadmium	106-1	999.64	995.92	997.18	997.58	0.19	ppb
Cadmium	108-1	999.21	986.32	1001.95	995.83	0.84	ppb
Cadmium	111-1	992.59	996.36	997.10	995.35	0.24	ppb
Calcium	43-1	104618.86	104320.80	103410.07	104116.57	0.60	ppb
Calcium	44-1	104791.29	103687.93	103611.13	104030.12	0.63	ppb
Chromium	52-1	993.03	993.50	1004.14	996.89	0.63	ppb
Cobalt	59-1	991.58	994.08	998.88	994.85	0.37	ppb
Copper	63-1	1980.87	1972.75	2013.82	1989.15	1.09	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-1	52159.79	52136.44	53285.60	52527.28	1.25	ppb
Iron	56-1	51638.82	51105.29	52837.54	51860.55	1.71	ppb
Iron	57-1	52006.26	51241.67	52255.84	51834.59	1.02	ppb
Krypton	83-1						cps
Lead	206-1	1039.63	999.82	982.49	1007.31	2.91	ppb
Lead	207-1	1009.51	1011.57	981.24	1000.78	1.69	ppb
Lead	208-1	1016.52	1001.44	990.03	1002.66	1.33	ppb
Lithium	6-1				111		%
Magnesium	24-1	102693.77	101515.50	101656.24	101955.17	0.63	ppb
Manganese	55-1	1994.42	1964.21	2021.86	1993.50	1.45	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:49:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5064.94	4972.66	4893.60	4977.07	1.72	ppb
Molybdenum	95-1	5021.34	4997.07	4958.10	4992.17	0.64	ppb
Molybdenum	96-1	5012.05	5037.06	4939.91	4996.34	1.01	ppb
Molybdenum	97-1	4999.91	5029.90	4912.33	4980.71	1.23	ppb
Molybdenum	98-1	5024.68	5073.92	4916.19	5004.93	1.61	ppb
Neodymium	150-1						cps
Nickel	60-1	989.92	986.57	1001.70	992.73	0.80	ppb
Phosphorus	31-1	19840.05	19939.95	19950.18	19910.06	0.31	ppb
Potassium	39-1	51862.51	51789.59	51337.99	51663.36	0.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	1001.43	999.40	993.47	998.10	0.41	ppb
Selenium	77-1	1011.37	991.98	992.21	998.52	1.11	ppb
Selenium	78-1	993.56	1004.96	1001.53	1000.02	0.58	ppb
Silicon	28-1	968.19	980.75	980.02	976.32	0.72	ppb
Silver	109-1	985.64	978.82	1009.64	991.37	1.63	ppb
Silver	107-1	991.20	985.68	998.90	991.93	0.67	ppb
Sodium	23-1	102285.37	102490.66	104634.59	103136.88	1.26	ppb
Strontium	86-1	995.26	1007.93	984.79	995.99	1.16	ppb
Strontium	88-1	986.65	1003.81	998.65	996.37	0.88	ppb
Sulfur	34-1	21299.38	20796.95	19943.58	20679.97	3.31	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	205-1	1017.06	993.69	987.63	999.46	1.55	ppb
Thallium	203-1	1017.82	1000.47	983.14	1000.48	1.73	ppb
Tin	118-1	999.15	993.51	986.40	993.02	0.64	ppb
Titanium	47-1	4973.58	4951.82	4946.60	4957.33	0.29	ppb
Uranium	238-1	1014.80	997.19	980.91	997.63	1.70	ppb
Vanadium	51-1	988.63	996.28	1004.42	996.44	0.79	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-1	1963.28	1968.89	2036.18	1989.45	2.04	ppb
Zirconium	91-1	1004.44	1009.14	977.14	996.91	1.73	ppb
Zirconium	90-1	1000.11	1009.63	973.90	994.55	1.86	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:52:01	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98978.11	101770.21	98999.02	99915.78	1.61	ppb
Antimony	121-1	0.59	0.58	0.63	0.60	4.62	ppb
Arsenic	75-1	0.54	0.49	0.56	0.53	6.39	ppb
Barium	135-1	9.59	9.61	9.93	9.71	2.01	ppb
Barium	137-1	9.61	9.86	10.11	9.86	2.51	ppb
Beryllium	9-1	0.24	0.26	0.21	0.24	11.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	203.13	182.31	163.77	183.07	10.76	ppb
Boron	10-1	201.71	185.84	167.17	184.90	9.35	ppb
Bromine	81-1						cps
Cadmium	106-1	1.45	-1.01	0.96	0.47	277.53	ppb
Cadmium	108-1	0.27	0.92	0.46	0.55	61.12	ppb
Cadmium	111-1	0.52	0.20	0.43	0.38	43.14	ppb
Calcium	43-1	500474.03	491931.67	503425.07	498610.26	1.20	ppb
Calcium	44-1	501887.57	493493.92	501229.18	498870.22	0.94	ppb
Chromium	52-1	17.27	17.09	17.04	17.13	0.70	ppb
Cobalt	59-1	1.86	1.78	1.87	1.84	2.74	ppb
Copper	63-1	13.02	13.78	14.18	13.66	4.28	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-1	247693.49	251982.06	248193.11	249289.55	0.94	ppb
Iron	56-1	247680.49	250791.33	249924.35	249465.39	0.64	ppb
Iron	57-1	253035.13	247580.09	247865.55	249493.59	1.23	ppb
Krypton	83-1						cps
Lead	206-1	4.55	4.62	4.47	4.55	1.73	ppb
Lead	207-1	4.89	4.86	4.62	4.79	3.12	ppb
Lead	208-1	4.71	4.71	4.64	4.68	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-1	498815.88	499582.51	499901.24	499433.21	0.11	ppb
Manganese	55-1	9.74	9.75	9.59	9.69	0.93	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:52:01	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.70	2.51	2.42	2.54	5.45	ppb
Molybdenum	95-1	2.97	3.06	3.15	3.06	3.02	ppb
Molybdenum	96-1	3.63	3.54	3.44	3.54	2.72	ppb
Molybdenum	97-1	3.07	3.35	2.84	3.09	8.13	ppb
Molybdenum	98-1	3.05	3.05	2.80	2.97	4.81	ppb
Neodymium	150-1						cps
Nickel	60-1	12.13	12.32	12.34	12.27	0.93	ppb
Phosphorus	31-1	-18.11	-14.95	-13.28	-15.45		ppb
Potassium	39-1	247696.43	251945.02	249042.38	249561.28	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.95	-0.09	0.62	0.49	108.08	ppb
Selenium	77-1	0.50	2.14	0.64	1.09	82.94	ppb
Selenium	78-1	-1.15	-7.31	-7.86	-5.44		ppb
Silicon	28-1	44.39	31.42	22.26	32.69	34.01	ppb
Silver	109-1	0.30	0.31	0.30	0.30	3.02	ppb
Silver	107-1	0.26	0.28	0.33	0.29	12.09	ppb
Sodium	23-1	493481.75	501378.51	502139.62	498999.96	0.96	ppb
Strontium	86-1	1.92	1.94	1.63	1.83	9.41	ppb
Strontium	88-1	2.07	2.04	2.08	2.06	1.15	ppb
Sulfur	34-1	-3834.46	-4577.02	-4201.76	-4204.41		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	205-1	0.60	0.57	0.47	0.54	12.21	ppb
Thallium	203-1	0.59	0.66	0.49	0.58	14.46	ppb
Tin	118-1	0.60	0.57	0.60	0.59	2.94	ppb
Titanium	47-1	1.05	0.37	0.57	0.66	52.86	ppb
Uranium	238-1	0.15	0.16	0.16	0.16	3.06	ppb
Vanadium	51-1	0.33	0.32	0.33	0.33	2.62	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-1	32.88	31.90	32.24	32.34	1.54	ppb
Zirconium	91-1	0.40	0.30	0.33	0.34	14.41	ppb
Zirconium	90-1	0.29	0.29	0.27	0.28	4.51	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:02:23	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	495.63	493.81	506.17	498.54	1.34	ppb
Antimony	121-1	194.76	193.82	195.52	194.70	0.44	ppb
Arsenic	75-1	192.35	194.33	191.27	192.65	0.81	ppb
Barium	135-1	100.68	99.55	97.45	99.23	1.65	ppb
Barium	137-1	102.51	100.35	100.08	100.98	1.32	ppb
Beryllium	9-1	95.14	96.20	94.21	95.18	1.05	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	749.62	767.71	762.55	759.96	1.23	ppb
Boron	10-1	748.15	771.05	774.10	764.43	1.86	ppb
Bromine	81-1						cps
Cadmium	106-1	140.48	142.74	146.51	143.24	2.13	ppb
Cadmium	108-1	133.43	129.01	128.21	130.22	2.16	ppb
Cadmium	111-1	102.76	101.57	103.78	102.70	1.07	ppb
Calcium	43-1	2208.07	2301.96	2252.86	2254.30	2.08	ppb
Calcium	44-1	2103.82	2204.29	2197.51	2168.54	2.59	ppb
Chromium	52-1	96.65	97.16	100.22	98.01	1.97	ppb
Cobalt	59-1	99.17	101.20	102.98	101.12	1.89	ppb
Copper	63-1	98.60	100.13	99.69	99.47	0.79	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-1	2056.12	2077.51	2140.20	2091.28	2.09	ppb
Iron	56-1	1910.06	1943.79	1981.64	1945.16	1.84	ppb
Iron	57-1	1987.83	2032.97	2072.08	2030.96	2.08	ppb
Krypton	83-1						cps
Lead	206-1	196.72	199.38	199.79	198.63	0.84	ppb
Lead	207-1	192.41	192.65	193.78	192.95	0.38	ppb
Lead	208-1	192.96	193.11	195.37	193.81	0.70	ppb
Lithium	6-1				107		%
Magnesium	24-1	1153.69	1172.31	1154.93	1160.31	0.90	ppb
Manganese	55-1	98.09	99.87	99.82	99.26	1.02	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:02:23	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2388.73	2382.97	2439.23	2403.64	1.29	ppb
Molybdenum	95-1	2340.13	2387.43	2374.74	2367.43	1.03	ppb
Molybdenum	96-1	2339.30	2344.38	2366.69	2350.12	0.62	ppb
Molybdenum	97-1	2357.75	2401.31	2426.41	2395.16	1.45	ppb
Molybdenum	98-1	2374.69	2384.71	2363.24	2374.21	0.45	ppb
Neodymium	150-1						cps
Nickel	60-1	98.38	99.63	98.32	98.78	0.75	ppb
Phosphorus	31-1	-30.02	-28.78	-24.47	-27.76		ppb
Potassium	39-1	1918.91	1955.90	1977.83	1950.88	1.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	194.57	200.08	193.07	195.91	1.88	ppb
Selenium	77-1	194.08	199.52	194.44	196.01	1.55	ppb
Selenium	78-1	185.22	187.68	189.63	187.51	1.18	ppb
Silicon	28-1	480.98	513.87	551.82	515.55	6.88	ppb
Silver	109-1	49.41	48.42	48.86	48.90	1.01	ppb
Silver	107-1	48.12	48.33	48.58	48.34	0.48	ppb
Sodium	23-1	1918.02	1994.48	2049.58	1987.36	3.32	ppb
Strontium	86-1	466.83	465.63	461.77	464.74	0.57	ppb
Strontium	88-1	464.10	466.41	473.31	467.94	1.02	ppb
Sulfur	34-1	-1643.76	-1711.88	-1222.92	-1526.19		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	205-1	198.74	197.88	200.93	199.19	0.79	ppb
Thallium	203-1	192.56	196.83	196.46	195.28	1.21	ppb
Tin	118-1	484.90	474.85	480.98	480.24	1.05	ppb
Titanium	47-1	2347.90	2449.07	2458.15	2418.37	2.53	ppb
Uranium	238-1	464.87	459.11	471.77	465.25	1.36	ppb
Vanadium	51-1	95.84	98.06	99.87	97.92	2.06	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-1	188.43	192.10	193.26	191.26	1.32	ppb
Zirconium	91-1	486.99	487.32	488.69	487.67	0.18	ppb
Zirconium	90-1	488.94	492.75	490.76	490.81	0.39	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:05:12 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.54	-0.57	-0.45	-0.52		ppb
Antimony	121-1	0.02	0.02	0.01	0.01	47.79	ppb
Arsenic	75-1	0.03	0.01	0.00	0.01	146.71	ppb
Barium	135-1	0.02	0.00	0.01	0.01	99.99	ppb
Barium	137-1	0.00	0.01	0.00	0.00	426.67	ppb
Beryllium	9-1	0.05	0.08	0.03	0.06	46.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	34.84	34.15	33.46	34.15	2.02	ppb
Boron	10-1	34.08	35.06	31.15	33.43	6.08	ppb
Bromine	81-1						cps
Cadmium	106-1	0.07	-0.38	-1.03	-0.45		ppb
Cadmium	108-1	-0.05	-0.11	-0.05	-0.07		ppb
Cadmium	111-1	0.06	-0.01	-0.06	0.00		ppb
Calcium	43-1	0.29	-2.01	-10.60	-4.11		ppb
Calcium	44-1	1.87	-2.14	2.79	0.84	313.24	ppb
Chromium	52-1	-0.07	-0.08	-0.05	-0.07		ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	63.42	ppb
Copper	63-1	0.06	-0.01	0.02	0.02	146.98	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-1	-19.26	-21.59	-19.70	-20.19		ppb
Iron	56-1	-27.24	-25.66	-19.84	-24.25		ppb
Iron	57-1	-10.90	-20.48	-6.72	-12.70		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.04	0.02	55.70	ppb
Lead	207-1	-0.01	0.01	0.01	0.01	202.50	ppb
Lead	208-1	0.02	0.02	0.03	0.02	30.11	ppb
Lithium	6-1				107		%
Magnesium	24-1	-1.43	-1.27	-1.17	-1.29		ppb
Manganese	55-1	0.02	0.08	0.05	0.05	54.22	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:05:12	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.11	0.08	0.10	19.04	ppb
Molybdenum	95-1	0.10	0.15	0.08	0.11	33.95	ppb
Molybdenum	96-1	0.14	0.12	0.08	0.11	25.96	ppb
Molybdenum	97-1	0.14	0.08	0.08	0.10	37.57	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	4.53	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.05	-0.05	-0.06	-0.05		ppb
Phosphorus	31-1	-27.62	-28.56	-21.79	-25.99		ppb
Potassium	39-1	-7.78	-16.17	-7.75	-10.57		ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.71	-0.39	0.19	-0.30		ppb
Selenium	77-1	-0.15	-0.66	0.72	-0.03		ppb
Selenium	78-1	-7.85	-2.13	-7.43	-5.80		ppb
Silicon	28-1	17.95	15.71	19.14	17.60	9.89	ppb
Silver	109-1	0.00	0.00	0.00	0.00	38.59	ppb
Silver	107-1	0.00	0.01	0.00	0.00	185.06	ppb
Sodium	23-1	7.94	3.52	10.16	7.20	46.93	ppb
Strontium	86-1	0.08	-0.07	0.07	0.02	355.51	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	25.37	ppb
Sulfur	34-1	-1669.41	-2270.05	-1442.20	-1793.89		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	205-1	0.12	0.12	0.13	0.12	4.09	ppb
Thallium	203-1	0.16	0.14	0.16	0.15	5.26	ppb
Tin	118-1	0.03	0.03	0.02	0.03	23.83	ppb
Titanium	47-1	-0.04	-0.06	-0.08	-0.06		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	47.07	ppb
Vanadium	51-1	0.01	-0.01	0.01	0.00	244.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-1	-0.50	-0.53	-0.57	-0.53		ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	68.82	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:08:03	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	92960.07	90491.88	88161.61	90537.85	2.65	ppb
Antimony	121-1	1.03	1.05	1.12	1.07	4.73	ppb
Arsenic	75-1	0.72	0.93	1.15	0.93	22.63	ppb
Barium	135-1	1.38	1.11	1.16	1.22	11.65	ppb
Barium	137-1	1.23	1.50	1.28	1.33	10.81	ppb
Beryllium	9-1	0.30	0.33	0.35	0.33	6.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	33.10	31.91	30.33	31.78	4.38	ppb
Boron	10-1	33.50	29.35	31.25	31.37	6.63	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.07	-1.37	-2.52	-1.65		ppb
Cadmium	108-1	7.11	8.34	8.45	7.96	9.35	ppb
Cadmium	111-1	0.16	0.15	0.07	0.13	37.27	ppb
Calcium	43-1	104202.39	101297.83	100243.37	101914.53	2.01	ppb
Calcium	44-1	101147.41	97330.77	98249.73	98909.30	2.01	ppb
Chromium	52-1	20.29	19.92	20.22	20.14	0.97	ppb
Cobalt	59-1	1.25	1.16	1.14	1.19	4.98	ppb
Copper	63-1	8.59	8.40	8.40	8.46	1.34	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-1	102061.20	97762.35	98197.94	99340.50	2.38	ppb
Iron	56-1	98860.25	97481.08	98297.77	98213.04	0.71	ppb
Iron	57-1	101109.37	97592.25	96445.02	98382.22	2.47	ppb
Krypton	83-1						cps
Lead	206-1	4.53	4.46	4.57	4.52	1.16	ppb
Lead	207-1	4.22	4.09	3.86	4.06	4.47	ppb
Lead	208-1	4.25	4.18	4.20	4.21	0.91	ppb
Lithium	6-1				110		%
Magnesium	24-1	100792.49	96864.59	94491.53	97382.87	3.27	ppb
Manganese	55-1	7.38	7.24	7.42	7.35	1.27	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:08:03	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1367.53	1346.28	1331.78	1348.53	1.33	ppb
Molybdenum	95-1	1948.52	1877.56	1863.60	1896.56	2.40	ppb
Molybdenum	96-1	1868.43	1806.71	1777.92	1817.69	2.54	ppb
Molybdenum	97-1	1990.13	1844.87	1875.86	1903.62	4.02	ppb
Molybdenum	98-1	1928.23	1842.05	1838.44	1869.58	2.72	ppb
Neodymium	150-1						cps
Nickel	60-1	5.29	5.14	5.16	5.20	1.61	ppb
Phosphorus	31-1	94975.54	92435.60	92210.46	93207.20	1.65	ppb
Potassium	39-1	101183.40	96842.53	94624.61	97550.18	3.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.16	-0.28	-0.06	-0.06		ppb
Selenium	77-1	4.36	4.58	6.03	4.99	18.17	ppb
Selenium	78-1	7.10	-15.42	-0.39	-2.90		ppb
Silicon	28-1	71.32	58.45	54.37	61.38	14.41	ppb
Silver	109-1	0.02	0.02	0.03	0.02	17.97	ppb
Silver	107-1	0.02	0.02	0.01	0.02	27.83	ppb
Sodium	23-1	103524.54	100314.74	98520.65	100786.64	2.52	ppb
Strontium	86-1	32.44	32.98	32.68	32.70	0.83	ppb
Strontium	88-1	33.56	32.71	33.04	33.10	1.30	ppb
Sulfur	34-1	91626.66	89450.62	85188.07	88755.12	3.69	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	205-1	0.18	0.27	0.30	0.25	25.19	ppb
Thallium	203-1	0.19	0.25	0.28	0.24	19.06	ppb
Tin	118-1	0.25	0.23	0.29	0.26	11.43	ppb
Titanium	47-1	1964.70	1932.10	1883.18	1926.66	2.13	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.56	ppb
Vanadium	51-1	0.26	0.29	0.39	0.31	20.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-1	10.64	10.22	10.42	10.43	2.02	ppb
Zirconium	91-1	0.04	0.02	0.05	0.04	48.48	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	49.78	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:10:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	89573.48	87767.03	87452.84	88264.45	1.30	ppb
Antimony	121-1	19.89	20.21	20.45	20.18	1.41	ppb
Arsenic	75-1	20.34	20.37	20.43	20.38	0.23	ppb
Barium	135-1	20.31	20.14	20.35	20.27	0.55	ppb
Barium	137-1	20.66	20.92	21.61	21.06	2.34	ppb
Beryllium	9-1	19.27	19.02	18.67	18.99	1.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	79.76	84.35	86.11	83.41	3.93	ppb
Boron	10-1	78.48	84.05	85.99	82.84	4.71	ppb
Bromine	81-1						cps
Cadmium	106-1	21.01	21.80	22.17	21.66	2.75	ppb
Cadmium	108-1	29.18	27.90	29.36	28.81	2.76	ppb
Cadmium	111-1	18.88	19.12	18.84	18.94	0.80	ppb
Calcium	43-1	101355.04	100943.91	100683.78	100994.24	0.34	ppb
Calcium	44-1	99185.97	98455.09	97134.78	98258.62	1.06	ppb
Chromium	52-1	39.43	38.58	38.24	38.75	1.58	ppb
Cobalt	59-1	20.85	20.49	20.29	20.54	1.37	ppb
Copper	63-1	28.04	27.50	28.15	27.90	1.26	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-1	98238.71	97505.85	97037.19	97593.91	0.62	ppb
Iron	56-1	97338.50	95800.20	97248.09	96795.60	0.89	ppb
Iron	57-1	97497.16	97524.89	98205.84	97742.63	0.41	ppb
Krypton	83-1						cps
Lead	206-1	24.43	23.45	23.73	23.87	2.11	ppb
Lead	207-1	23.07	22.37	23.27	22.90	2.05	ppb
Lead	208-1	23.11	22.69	22.77	22.86	0.97	ppb
Lithium	6-1				112		%
Magnesium	24-1	97569.76	94161.18	95270.48	95667.14	1.82	ppb
Manganese	55-1	26.57	26.13	26.07	26.26	1.04	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:10:52	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1403.93	1441.71	1414.00	1419.88	1.38	ppb
Molybdenum	95-1	1895.17	1904.58	1852.15	1883.97	1.48	ppb
Molybdenum	96-1	1806.54	1806.70	1809.28	1807.51	0.09	ppb
Molybdenum	97-1	1905.79	1902.57	1922.48	1910.28	0.56	ppb
Molybdenum	98-1	1923.77	1876.03	1870.03	1889.94	1.56	ppb
Neodymium	150-1						cps
Nickel	60-1	24.67	23.85	23.86	24.13	1.95	ppb
Phosphorus	31-1	93679.27	91527.86	91399.21	92202.11	1.39	ppb
Potassium	39-1	98332.55	98162.30	95942.60	97479.15	1.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	19.16	20.76	17.36	19.10	8.90	ppb
Selenium	77-1	27.25	26.14	29.08	27.49	5.39	ppb
Selenium	78-1	12.24	12.91	9.37	11.50	16.34	ppb
Silicon	28-1	118.92	91.67	96.08	102.22	14.31	ppb
Silver	109-1	18.50	18.60	18.59	18.56	0.31	ppb
Silver	107-1	17.88	18.32	18.49	18.23	1.73	ppb
Sodium	23-1	100149.40	97409.04	99296.32	98951.59	1.42	ppb
Strontium	86-1	83.82	81.27	82.00	82.36	1.59	ppb
Strontium	88-1	82.99	82.49	81.88	82.45	0.67	ppb
Sulfur	34-1	87575.17	83835.81	82544.13	84651.70	3.09	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	205-1	19.82	19.68	20.07	19.85	0.99	ppb
Thallium	203-1	20.41	19.47	19.75	19.88	2.45	ppb
Tin	118-1	50.26	50.47	50.79	50.51	0.53	ppb
Titanium	47-1	1984.96	1961.46	1947.71	1964.71	0.96	ppb
Uranium	238-1	50.73	50.05	49.67	50.15	1.08	ppb
Vanadium	51-1	19.99	19.78	19.86	19.88	0.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-1	31.30	29.60	30.33	30.41	2.80	ppb
Zirconium	91-1	52.46	50.94	52.07	51.82	1.53	ppb
Zirconium	90-1	53.29	51.39	52.28	52.32	1.81	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:13:42	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50930.71	51915.55	54369.26	52405.17	3.38	ppb
Antimony	121-1	477.98	490.61	506.19	491.59	2.87	ppb
Arsenic	75-1	475.22	467.22	494.46	478.96	2.92	ppb
Barium	135-1	2414.38	2464.01	2627.20	2501.86	4.45	ppb
Barium	137-1	2436.73	2464.48	2585.54	2495.58	3.17	ppb
Beryllium	9-1	494.25	489.12	506.56	496.64	1.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	11-1	432.44	502.12	560.30	498.29	12.85	ppb
Boron	10-1	437.35	498.19	562.53	499.35	12.54	ppb
Bromine	81-1						cps
Cadmium	106-1	469.89	472.35	479.73	473.99	1.08	ppb
Cadmium	108-1	476.46	475.39	507.62	486.49	3.76	ppb
Cadmium	111-1	469.02	478.05	494.08	480.38	2.64	ppb
Calcium	43-1	243527.62	246586.80	255147.63	248420.68	2.42	ppb
Calcium	44-1	242111.02	248284.17	254581.47	248325.55	2.51	ppb
Chromium	52-1	495.93	497.64	512.91	502.16	1.86	ppb
Cobalt	59-1	483.28	493.43	507.31	494.67	2.44	ppb
Copper	63-1	943.21	962.09	997.36	967.56	2.84	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				114		%
Iron	54-1	121602.18	124604.37	128348.86	124851.80	2.71	ppb
Iron	56-1	121614.09	122095.44	127028.68	123579.40	2.43	ppb
Iron	57-1	120752.22	123094.16	128701.93	124182.77	3.29	ppb
Krypton	83-1						cps
Lead	206-1	474.86	482.24	492.11	483.07	1.79	ppb
Lead	207-1	481.24	492.83	505.05	493.04	2.41	ppb
Lead	208-1	489.21	497.29	508.87	498.46	1.98	ppb
Lithium	6-1				112		%
Magnesium	24-1	245745.82	247713.96	257228.42	250229.40	2.45	ppb
Manganese	55-1	974.62	980.66	1014.82	990.03	2.19	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:13:42	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2427.96	2424.13	2577.89	2476.66	3.54	ppb
Molybdenum	95-1	2417.97	2411.12	2510.59	2446.56	2.27	ppb
Molybdenum	96-1	2363.89	2399.54	2565.40	2442.94	4.40	ppb
Molybdenum	97-1	2407.27	2467.60	2583.21	2486.03	3.60	ppb
Molybdenum	98-1	2365.11	2415.83	2515.89	2432.28	3.15	ppb
Neodymium	150-1						cps
Nickel	60-1	477.35	486.63	499.72	487.90	2.30	ppb
Phosphorus	31-1	9868.15	9810.11	10188.16	9955.47	2.05	ppb
Potassium	39-1	121982.01	123459.76	129692.07	125044.61	3.27	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	470.95	466.51	492.56	476.67	2.92	ppb
Selenium	77-1	478.83	468.44	504.47	483.91	3.83	ppb
Selenium	78-1	448.71	424.23	506.05	459.67	9.14	ppb
Silicon	28-1	503.33	519.40	563.15	528.62	5.86	ppb
Silver	109-1	487.25	496.54	519.50	501.10	3.31	ppb
Silver	107-1	485.21	481.40	508.82	491.81	3.02	ppb
Sodium	23-1	246916.73	250351.50	253248.26	250172.16	1.27	ppb
Strontium	86-1	479.08	471.53	498.58	483.06	2.89	ppb
Strontium	88-1	482.98	482.45	510.76	492.06	3.29	ppb
Sulfur	34-1	5412.92	5774.09	7543.17	6243.40	18.26	ppb
Terbium	159-1				112		%
Terbium	159-2				115		%
Thallium	205-1	489.72	499.36	517.17	502.08	2.77	ppb
Thallium	203-1	477.92	484.65	505.24	489.27	2.91	ppb
Tin	118-1	482.00	496.51	506.31	494.94	2.47	ppb
Titanium	47-1	2465.70	2497.91	2665.03	2542.88	4.21	ppb
Uranium	238-1	502.63	507.84	525.48	511.98	2.34	ppb
Vanadium	51-1	496.10	495.71	515.61	502.47	2.27	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-1	944.52	956.60	996.08	965.74	2.79	ppb
Zirconium	91-1	479.76	469.51	501.06	483.45	3.33	ppb
Zirconium	90-1	489.77	486.76	507.63	494.72	2.28	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:18:15 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.28	-0.19	-0.16	-0.21		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	27.33	ppb
Arsenic	75-1	0.13	0.13	0.11	0.12	10.01	ppb
Barium	135-1	0.01	0.02	0.05	0.03	79.03	ppb
Barium	137-1	0.03	-0.01	0.01	0.01	144.12	ppb
Beryllium	9-1	0.04	0.06	0.07	0.06	25.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	11-1	43.06	41.38	39.47	41.31	4.34	ppb
Boron	10-1	42.93	40.66	42.37	41.99	2.82	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.27	-0.49	-1.77	-1.17		ppb
Cadmium	108-1	0.13	-0.12	-0.05	-0.01		ppb
Cadmium	111-1	-0.06	0.01	-0.08	-0.05		ppb
Calcium	43-1	-5.10	-9.89	-6.20	-7.06		ppb
Calcium	44-1	25.44	25.46	38.30	29.73	24.94	ppb
Chromium	52-1	-0.06	0.01	0.00	-0.02		ppb
Cobalt	59-1	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-1	0.12	0.12	0.10	0.11	10.56	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-1	-47.68	-33.60	-29.27	-36.85		ppb
Iron	56-1	-15.83	-11.61	1.77	-8.56		ppb
Iron	57-1	-27.23	-23.19	-23.16	-24.53		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.07	0.06	31.53	ppb
Lead	207-1	0.03	0.01	0.04	0.03	53.37	ppb
Lead	208-1	0.06	0.04	0.05	0.05	20.00	ppb
Lithium	6-1				109		%
Magnesium	24-1	-1.25	-0.85	-0.23	-0.78		ppb
Manganese	55-1	-0.07	-0.12	-0.07	-0.09		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:18:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.06	0.07	0.07	11.70	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	15.86	ppb
Molybdenum	96-1	-0.01	0.04	0.02	0.02	131.12	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.06	12.02	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	26.16	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	-0.03	0.08	0.02	257.96	ppb
Phosphorus	31-1	-38.18	-34.63	-32.61	-35.14		ppb
Potassium	39-1	-36.52	-19.83	-8.62	-21.66		ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.21	-0.76	-0.60	-0.38		ppb
Selenium	77-1	0.48	0.96	1.44	0.96	50.10	ppb
Selenium	78-1	-18.41	-16.74	-30.04	-21.73		ppb
Silicon	28-1	-14.46	-8.45	-7.08	-10.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.91	ppb
Silver	107-1	0.00	0.01	0.00	0.00	210.58	ppb
Sodium	23-1	15.43	14.72	17.45	15.87	8.93	ppb
Strontium	86-1	0.07	-0.15	-0.02	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	49.54	ppb
Sulfur	34-1	-4966.83	-4021.99	-3288.14	-4092.32		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	205-1	0.12	0.12	0.14	0.13	8.93	ppb
Thallium	203-1	0.16	0.18	0.09	0.14	31.45	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.19	0.10	-0.11	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.03	0.03	0.03	0.03	8.66	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-1	-0.50	-0.54	-0.38	-0.47		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	299.19	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:31:12	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.61	20.13	20.68	20.47	1.48	ppb
Antimony	121-1	1.99	1.89	1.95	1.94	2.48	ppb
Arsenic	75-1	1.06	0.98	1.06	1.03	4.82	ppb
Barium	135-1	10.60	9.40	9.49	9.83	6.83	ppb
Barium	137-1	10.34	10.00	9.85	10.06	2.53	ppb
Beryllium	9-1	0.91	0.97	0.91	0.93	3.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	11-1	32.06	36.92	38.10	35.69	8.95	ppb
Boron	10-1	33.67	35.14	38.65	35.82	7.14	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.43	1.44	0.01	-0.33		ppb
Cadmium	108-1	0.60	0.86	0.82	0.76	18.37	ppb
Cadmium	111-1	0.74	0.96	0.99	0.90	15.15	ppb
Calcium	43-1	531.66	530.70	519.96	527.44	1.23	ppb
Calcium	44-1	543.05	554.16	531.94	543.05	2.05	ppb
Chromium	52-1	2.06	1.98	1.83	1.96	5.77	ppb
Cobalt	59-1	0.97	1.03	1.00	1.00	2.71	ppb
Copper	63-1	2.00	2.11	1.99	2.03	3.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-1	48.13	55.23	23.63	42.33	39.17	ppb
Iron	56-1	54.62	57.26	36.24	49.37	23.20	ppb
Iron	57-1	48.59	46.84	47.38	47.60	1.89	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.96	0.92	0.96	4.46	ppb
Lead	207-1	1.00	0.88	0.84	0.91	9.51	ppb
Lead	208-1	0.97	0.99	0.91	0.95	4.34	ppb
Lithium	6-1				105		%
Magnesium	24-1	506.81	518.22	505.78	510.27	1.35	ppb
Manganese	55-1	0.94	1.06	0.80	0.93	14.14	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:31:12	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.23	5.21	5.09	5.18	1.44	ppb
Molybdenum	95-1	5.32	5.08	5.28	5.23	2.38	ppb
Molybdenum	96-1	4.88	5.21	5.10	5.06	3.29	ppb
Molybdenum	97-1	4.88	5.04	5.31	5.08	4.31	ppb
Molybdenum	98-1	5.09	5.22	5.37	5.23	2.68	ppb
Neodymium	150-1						cps
Nickel	60-1	1.06	1.12	1.03	1.07	4.17	ppb
Phosphorus	31-1	14.69	12.17	8.36	11.74	27.15	ppb
Potassium	39-1	473.25	470.58	426.09	456.64	5.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	5.88	5.25	6.34	5.82	9.38	ppb
Selenium	77-1	4.50	5.18	4.62	4.77	7.57	ppb
Selenium	78-1	0.85	-6.52	-22.73	-9.47		ppb
Silicon	28-1	5.83	7.71	-9.81	1.25	772.37	ppb
Silver	109-1	1.07	1.05	1.05	1.06	1.29	ppb
Silver	107-1	1.09	1.05	0.98	1.04	5.29	ppb
Sodium	23-1	506.19	505.09	493.69	501.65	1.38	ppb
Strontium	86-1	0.82	0.94	0.90	0.89	6.77	ppb
Strontium	88-1	0.98	0.98	0.98	0.98	0.22	ppb
Sulfur	34-1	-2543.87	-2555.78	-4214.09	-3104.58		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	205-1	1.01	1.01	0.97	1.00	2.26	ppb
Thallium	203-1	0.90	0.95	1.03	0.96	6.50	ppb
Tin	118-1	5.22	5.14	5.09	5.15	1.23	ppb
Titanium	47-1	4.69	4.96	4.48	4.71	5.08	ppb
Uranium	238-1	0.94	0.95	0.84	0.91	6.63	ppb
Vanadium	51-1	5.19	5.28	5.16	5.21	1.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-1	2.11	1.76	1.97	1.95	9.13	ppb
Zirconium	91-1	0.93	0.96	1.06	0.98	6.78	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	1.32	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:35:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	735.15	773.26	782.03	763.48	3.26	ppb
Antimony	121-1	17.28	17.54	18.39	17.74	3.27	ppb
Arsenic	75-1	32.86	34.20	36.03	34.36	4.63	ppb
Barium	135-1	2122.01	2161.97	2223.87	2169.28	2.37	ppb
Barium	137-1	2083.59	2134.92	2252.68	2157.06	4.02	ppb
Beryllium	9-1	3.82	3.84	4.38	4.01	7.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	955.16	1216.66	1442.86	1204.89	20.26	ppb
Boron	10-1	972.62	1198.29	1430.88	1200.60	19.09	ppb
Bromine	81-1						cps
Cadmium	106-1	12.18	11.40	10.10	11.23	9.36	ppb
Cadmium	108-1	13.53	13.43	15.19	14.05	7.05	ppb
Cadmium	111-1	13.67	14.61	14.61	14.29	3.80	ppb
Calcium	43-1	-14.52	-2.01	-4.11	-6.88		ppb
Calcium	44-1	1.62	9.68	26.34	12.55	100.45	ppb
Chromium	52-1	30.56	31.23	32.85	31.55	3.74	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00		ppb
Copper	63-1	245.98	246.35	263.58	251.97	3.99	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-1	475.08	491.47	540.34	502.30	6.76	ppb
Iron	56-1	440.62	457.48	491.05	463.05	5.54	ppb
Iron	57-1	466.43	465.87	511.11	481.14	5.40	ppb
Krypton	83-1						cps
Lead	206-1	40.19	41.47	44.32	41.99	5.04	ppb
Lead	207-1	40.28	41.51	45.30	42.36	6.18	ppb
Lead	208-1	39.76	40.86	44.14	41.59	5.48	ppb
Lithium	6-1				106		%
Magnesium	24-1	-1.79	-1.58	-1.27	-1.54		ppb
Manganese	55-1	592.44	601.55	632.07	608.69	3.41	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:35:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	46.80	48.98	51.23	49.00	4.52	ppb
Molybdenum	95-1	65.27	69.09	71.46	68.61	4.55	ppb
Molybdenum	96-1	61.97	65.46	68.91	65.44	5.30	ppb
Molybdenum	97-1	65.64	68.95	71.95	68.85	4.59	ppb
Molybdenum	98-1	65.56	68.24	72.94	68.91	5.42	ppb
Neodymium	150-1						cps
Nickel	60-1	381.69	387.10	412.35	393.71	4.16	ppb
Phosphorus	31-1	-42.39	-39.56	-29.36	-37.11		ppb
Potassium	39-1	-46.13	-47.79	-2.44	-32.12		ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	76.68	78.64	83.85	79.72	4.65	ppb
Selenium	77-1	75.64	74.74	85.70	78.69	7.73	ppb
Selenium	78-1	37.11	63.93	106.05	69.03	50.34	ppb
Silicon	28-1	31.65	40.14	55.11	42.30	28.08	ppb
Silver	109-1	222.05	223.47	235.17	226.90	3.17	ppb
Silver	107-1	223.51	223.72	233.03	226.76	2.40	ppb
Sodium	23-1	10.12	14.57	23.71	16.13	42.92	ppb
Strontium	86-1	0.01	-0.15	0.21	0.03	687.07	ppb
Strontium	88-1	0.04	0.03	0.04	0.04	16.10	ppb
Sulfur	34-1	-3511.06	-3260.77	-1757.15	-2842.99		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	205-1	7.66	7.53	8.31	7.83	5.30	ppb
Thallium	203-1	7.43	7.63	8.26	7.78	5.58	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.07	0.02	-0.35	-0.08		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	340.61	344.78	354.65	346.68	2.08	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-1	1623.65	1655.75	1726.54	1668.65	3.15	ppb
Zirconium	91-1	0.06	0.05	0.07	0.06	10.76	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	17.31	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:37:53	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	753.20	743.05	740.36	745.54	0.91	ppb
Antimony	121-1	16.84	17.13	16.95	16.97	0.87	ppb
Arsenic	75-1	33.59	34.36	33.74	33.90	1.20	ppb
Barium	135-1	2061.50	2114.91	2096.82	2091.08	1.30	ppb
Barium	137-1	2029.94	2095.89	2104.34	2076.72	1.96	ppb
Beryllium	9-1	3.85	3.79	3.89	3.84	1.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	1149.35	1351.50	1476.41	1325.75	12.45	ppb
Boron	10-1	1159.11	1378.87	1499.49	1345.82	12.82	ppb
Bromine	81-1						cps
Cadmium	106-1	10.61	13.36	12.26	12.08	11.46	ppb
Cadmium	108-1	14.43	12.80	13.35	13.52	6.14	ppb
Cadmium	111-1	13.96	14.12	13.74	13.94	1.35	ppb
Calcium	43-1	-11.29	-0.32	-6.85	-6.15		ppb
Calcium	44-1	17.64	18.35	19.48	18.49	5.02	ppb
Chromium	52-1	31.66	31.53	31.07	31.42	0.99	ppb
Cobalt	59-1	0.01	0.02	-0.01	0.01	155.85	ppb
Copper	63-1	253.06	253.46	252.32	252.94	0.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-1	507.05	508.03	483.09	499.39	2.83	ppb
Iron	56-1	485.20	473.25	449.76	469.40	3.84	ppb
Iron	57-1	503.15	485.40	474.06	487.54	3.01	ppb
Krypton	83-1						cps
Lead	206-1	40.34	41.56	41.28	41.06	1.55	ppb
Lead	207-1	40.65	41.50	40.90	41.01	1.07	ppb
Lead	208-1	40.29	40.95	40.64	40.63	0.82	ppb
Lithium	6-1				106		%
Magnesium	24-1	-1.47	-1.39	-1.64	-1.50		ppb
Manganese	55-1	618.85	617.46	600.34	612.22	1.68	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:37:53	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.32	48.60	49.59	48.84	1.36	ppb
Molybdenum	95-1	67.31	66.71	67.40	67.14	0.56	ppb
Molybdenum	96-1	64.21	64.30	63.65	64.05	0.55	ppb
Molybdenum	97-1	68.34	67.37	67.32	67.68	0.85	ppb
Molybdenum	98-1	68.01	67.32	67.65	67.66	0.51	ppb
Neodymium	150-1						cps
Nickel	60-1	393.54	387.60	393.60	391.58	0.88	ppb
Phosphorus	31-1	-34.46	-39.87	-39.87	-38.07		ppb
Potassium	39-1	-26.17	-39.59	-31.44	-32.40		ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	77.86	75.92	77.32	77.03	1.30	ppb
Selenium	77-1	78.58	74.46	84.15	79.06	6.15	ppb
Selenium	78-1	62.83	65.48	70.68	66.33	6.02	ppb
Silicon	28-1	49.93	45.33	41.10	45.45	9.72	ppb
Silver	109-1	217.65	218.03	216.81	217.50	0.29	ppb
Silver	107-1	214.55	218.32	213.82	215.56	1.12	ppb
Sodium	23-1	18.20	17.36	16.36	17.31	5.33	ppb
Strontium	86-1	-0.17	-0.12	-0.02	-0.10		ppb
Strontium	88-1	0.04	0.05	0.04	0.04	13.66	ppb
Sulfur	34-1	-2863.73	-3435.28	-3039.68	-3112.90		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	205-1	7.83	7.83	7.69	7.78	1.03	ppb
Thallium	203-1	7.37	7.63	7.47	7.49	1.72	ppb
Tin	118-1	-0.03	0.02	-0.02	-0.01		ppb
Titanium	47-1	-0.08	-0.08	-0.01	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	137.70	ppb
Vanadium	51-1	357.24	342.01	343.29	347.51	2.43	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-1	1671.94	1655.20	1658.98	1662.04	0.53	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	17.72	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	46.58	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BL	Instrumnet Name :	P8
Client Sample ID :	PB126564BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:40:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.47	-0.49	-0.48	-0.48		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	12.74	ppb
Arsenic	75-1	0.02	0.03	0.03	0.02	23.84	ppb
Barium	135-1	0.34	0.25	0.13	0.24	43.91	ppb
Barium	137-1	0.22	0.19	0.21	0.21	6.72	ppb
Beryllium	9-1	0.03	0.06	0.04	0.04	37.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	270.14	248.37	232.48	250.33	7.55	ppb
Boron	10-1	278.29	243.34	228.91	250.18	10.15	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.60	-1.01	-0.55	-1.39		ppb
Cadmium	108-1	0.08	-0.05	-0.11	-0.03		ppb
Cadmium	111-1	-0.19	-0.06	-0.02	-0.09		ppb
Calcium	43-1	-23.75	-3.41	-3.97	-10.38		ppb
Calcium	44-1	7.06	12.84	18.33	12.74	44.24	ppb
Chromium	52-1	-0.07	-0.19	-0.06	-0.11		ppb
Cobalt	59-1	0.00	-0.01	0.00	0.00		ppb
Copper	63-1	0.06	0.01	0.05	0.04	64.68	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-1	-8.49	-7.19	-4.71	-6.80		ppb
Iron	56-1	-13.33	-3.82	3.00	-4.72		ppb
Iron	57-1	-2.77	-4.55	0.06	-2.42		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.01	28.02	ppb
Lead	207-1	0.02	0.05	0.02	0.03	51.18	ppb
Lead	208-1	0.02	0.02	0.03	0.02	15.72	ppb
Lithium	6-1				103		%
Magnesium	24-1	-1.87	-1.88	-1.86	-1.87		ppb
Manganese	55-1	-0.05	0.00	-0.04	-0.03		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BL	Instrumnet Name :	P8
Client Sample ID :	PB126564BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:40:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.04	0.07	0.06	31.33	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	24.07	ppb
Molybdenum	96-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.05	0.00	0.02	135.22	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	21.61	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.04	0.01	-0.10	-0.04		ppb
Phosphorus	31-1	-41.43	-41.98	-40.33	-41.25		ppb
Potassium	39-1	-48.31	-50.76	-32.04	-43.70		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	2.11	1.17	2.55	1.95	36.20	ppb
Selenium	77-1	0.92	-0.32	0.90	0.50	142.63	ppb
Selenium	78-1	6.62	-0.75	-0.62	1.75	240.90	ppb
Silicon	28-1	-13.54	-8.97	-9.51	-10.67		ppb
Silver	109-1	0.02	0.02	0.03	0.02	21.90	ppb
Silver	107-1	0.01	0.02	0.03	0.02	40.54	ppb
Sodium	23-1	-0.79	0.73	1.52	0.49	241.59	ppb
Strontium	86-1	0.08	-0.15	0.11	0.01	1098.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	361.01	ppb
Sulfur	34-1	-3888.98	-3701.22	-3322.79	-3637.66		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	205-1	0.04	0.04	0.01	0.03	45.33	ppb
Thallium	203-1	0.02	0.03	0.04	0.03	41.07	ppb
Tin	118-1	-0.01	0.01	-0.02	-0.01		ppb
Titanium	47-1	0.09	-0.31	-0.12	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.03	0.02	0.03	0.03	22.27	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-1	-0.39	-0.40	-0.29	-0.36		ppb
Zirconium	91-1	0.04	0.02	-0.01	0.02	146.00	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BS	Instrumnet Name :	P8
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:43:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10002.79	9926.93	9732.91	9887.54	1.41	ppb
Antimony	121-1	497.93	495.48	497.22	496.88	0.25	ppb
Arsenic	75-1	492.64	485.05	496.74	491.48	1.21	ppb
Barium	135-1	2492.18	2493.77	2466.52	2484.16	0.62	ppb
Barium	137-1	2462.93	2450.27	2440.37	2451.19	0.46	ppb
Beryllium	9-1	489.59	496.14	490.01	491.91	0.75	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	500.75	565.69	606.34	557.59	9.55	ppb
Boron	10-1	502.33	557.68	604.37	554.80	9.21	ppb
Bromine	81-1						cps
Cadmium	106-1	483.63	489.60	493.28	488.84	1.00	ppb
Cadmium	108-1	505.69	488.23	492.90	495.61	1.82	ppb
Cadmium	111-1	495.17	491.84	490.61	492.54	0.48	ppb
Calcium	43-1	53054.27	52593.60	52391.34	52679.74	0.64	ppb
Calcium	44-1	50499.58	51008.01	50255.10	50587.56	0.76	ppb
Chromium	52-1	501.49	484.12	492.07	492.56	1.77	ppb
Cobalt	59-1	494.88	487.02	493.32	491.74	0.85	ppb
Copper	63-1	993.04	961.51	971.35	975.30	1.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-1	26081.95	25400.46	25377.62	25620.01	1.56	ppb
Iron	56-1	25569.24	25309.40	25017.44	25298.69	1.09	ppb
Iron	57-1	25307.47	25264.17	24861.76	25144.47	0.98	ppb
Krypton	83-1						cps
Lead	206-1	480.72	477.29	467.00	475.01	1.50	ppb
Lead	207-1	487.11	483.71	482.99	484.60	0.45	ppb
Lead	208-1	486.38	481.57	479.58	482.51	0.72	ppb
Lithium	6-1				108		%
Magnesium	24-1	50525.28	49700.76	49692.00	49972.68	0.96	ppb
Manganese	55-1	981.47	958.96	976.56	972.33	1.22	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BS	Instrumnet Name :	P8
Client Sample ID :	PB126564BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:43:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2463.60	2439.31	2480.33	2461.08	0.84	ppb
Molybdenum	95-1	2444.14	2391.56	2516.37	2450.69	2.56	ppb
Molybdenum	96-1	2416.20	2394.91	2480.98	2430.70	1.84	ppb
Molybdenum	97-1	2444.24	2420.09	2514.47	2459.60	1.99	ppb
Molybdenum	98-1	2487.17	2440.90	2484.64	2470.90	1.05	ppb
Neodymium	150-1						cps
Nickel	60-1	499.06	489.20	493.16	493.81	1.00	ppb
Phosphorus	31-1	9638.03	9660.31	9676.73	9658.36	0.20	ppb
Potassium	39-1	25379.64	24810.40	24704.74	24964.93	1.45	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	494.68	489.76	496.92	493.79	0.74	ppb
Selenium	77-1	512.29	509.67	491.82	504.59	2.21	ppb
Selenium	78-1	493.89	488.62	510.75	497.75	2.32	ppb
Silicon	28-1	493.74	504.10	521.47	506.44	2.77	ppb
Silver	109-1	510.21	492.88	493.58	498.89	1.97	ppb
Silver	107-1	494.97	488.59	496.52	493.36	0.85	ppb
Sodium	23-1	50874.68	50223.91	50808.09	50635.56	0.71	ppb
Strontium	86-1	496.28	492.21	502.10	496.87	1.00	ppb
Strontium	88-1	500.45	490.78	491.27	494.17	1.10	ppb
Sulfur	34-1	7479.49	7149.38	7276.77	7301.88	2.28	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	205-1	486.86	495.20	480.51	487.52	1.51	ppb
Thallium	203-1	487.70	487.78	477.24	484.24	1.25	ppb
Tin	118-1	499.15	492.80	500.10	497.35	0.80	ppb
Titanium	47-1	2455.30	2491.50	2437.41	2461.40	1.12	ppb
Uranium	238-1	496.97	495.11	488.40	493.49	0.91	ppb
Vanadium	51-1	491.79	489.59	488.77	490.05	0.32	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-1	1002.68	981.23	967.88	983.93	1.78	ppb
Zirconium	91-1	497.55	485.70	496.20	493.15	1.31	ppb
Zirconium	90-1	500.07	484.85	500.33	495.08	1.79	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:46:23	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50591.87	51987.11	52138.45	51572.48	1.65	ppb
Antimony	121-1	495.43	508.18	498.08	500.56	1.34	ppb
Arsenic	75-1	472.62	475.04	484.73	477.46	1.34	ppb
Barium	135-1	2530.09	2550.88	2458.22	2513.06	1.93	ppb
Barium	137-1	2506.57	2536.73	2452.25	2498.52	1.71	ppb
Beryllium	9-1	503.33	499.57	496.49	499.79	0.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	604.77	655.68	681.55	647.33	6.03	ppb
Boron	10-1	609.12	655.89	682.70	649.24	5.74	ppb
Bromine	81-1						cps
Cadmium	106-1	481.91	481.60	472.98	478.83	1.06	ppb
Cadmium	108-1	496.44	480.64	482.29	486.46	1.79	ppb
Cadmium	111-1	477.26	489.14	484.14	483.51	1.23	ppb
Calcium	43-1	245232.12	250292.70	246178.15	247234.33	1.09	ppb
Calcium	44-1	243076.78	248789.09	245853.03	245906.30	1.16	ppb
Chromium	52-1	497.36	503.08	491.03	497.16	1.21	ppb
Cobalt	59-1	485.35	496.63	484.32	488.76	1.40	ppb
Copper	63-1	957.49	964.17	959.58	960.41	0.36	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-1	123108.49	125825.18	123116.17	124016.62	1.26	ppb
Iron	56-1	122579.26	124757.35	123977.66	123771.42	0.89	ppb
Iron	57-1	120975.90	124220.68	121972.29	122389.62	1.36	ppb
Krypton	83-1						cps
Lead	206-1	483.57	477.46	474.79	478.61	0.94	ppb
Lead	207-1	492.64	487.64	482.59	487.62	1.03	ppb
Lead	208-1	493.72	492.69	485.29	490.56	0.94	ppb
Lithium	6-1				107		%
Magnesium	24-1	240620.59	249675.22	244424.32	244906.71	1.86	ppb
Manganese	55-1	975.34	999.52	977.25	984.04	1.37	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:46:23	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2395.74	2442.16	2435.87	2424.59	1.04	ppb
Molybdenum	95-1	2398.53	2435.92	2449.12	2427.86	1.08	ppb
Molybdenum	96-1	2341.23	2428.36	2479.39	2416.32	2.89	ppb
Molybdenum	97-1	2374.30	2434.33	2439.24	2415.96	1.50	ppb
Molybdenum	98-1	2363.24	2418.33	2428.89	2403.49	1.47	ppb
Neodymium	150-1						cps
Nickel	60-1	485.01	486.74	479.75	483.83	0.75	ppb
Phosphorus	31-1	9687.29	9836.50	9832.04	9785.28	0.87	ppb
Potassium	39-1	124374.45	124996.31	125211.24	124860.67	0.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	481.77	470.26	477.48	476.50	1.22	ppb
Selenium	77-1	462.18	468.53	464.14	464.95	0.70	ppb
Selenium	78-1	462.34	463.58	480.90	468.94	2.21	ppb
Silicon	28-1	516.58	535.31	533.85	528.58	1.97	ppb
Silver	109-1	484.27	491.30	494.29	489.95	1.05	ppb
Silver	107-1	485.15	494.76	492.08	490.66	1.01	ppb
Sodium	23-1	244767.61	247787.43	245255.31	245936.78	0.66	ppb
Strontium	86-1	484.06	478.45	483.09	481.87	0.62	ppb
Strontium	88-1	478.95	488.22	487.40	484.86	1.06	ppb
Sulfur	34-1	7665.90	7949.38	7364.22	7659.83	3.82	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	205-1	493.70	495.18	484.29	491.06	1.20	ppb
Thallium	203-1	485.48	481.57	477.73	481.60	0.80	ppb
Tin	118-1	501.33	502.68	495.93	499.98	0.71	ppb
Titanium	47-1	2487.15	2504.57	2490.35	2494.02	0.37	ppb
Uranium	238-1	489.98	501.88	499.72	497.19	1.27	ppb
Vanadium	51-1	483.26	500.72	489.19	491.06	1.81	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-1	954.15	966.36	954.20	958.24	0.73	ppb
Zirconium	91-1	474.91	480.47	481.54	478.98	0.74	ppb
Zirconium	90-1	486.52	484.36	490.49	487.13	0.64	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:49:29	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.87	1.28	1.27	1.47	23.30	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	25.68	ppb
Arsenic	75-1	0.06	0.03	0.05	0.05	32.75	ppb
Barium	135-1	0.19	0.17	0.23	0.20	16.95	ppb
Barium	137-1	0.14	0.09	0.10	0.11	27.03	ppb
Beryllium	9-1	0.07	0.14	0.09	0.10	34.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	137.75	129.60	126.36	131.23	4.47	ppb
Boron	10-1	136.34	128.07	124.69	129.70	4.62	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.56	-2.71	0.41	-0.95		ppb
Cadmium	108-1	0.02	0.14	-0.05	0.04	265.01	ppb
Cadmium	111-1	0.05	-0.14	0.08	0.00		ppb
Calcium	43-1	-7.77	2.54	0.82	-1.47		ppb
Calcium	44-1	26.77	30.44	30.75	29.32	7.56	ppb
Chromium	52-1	-0.12	-0.10	-0.04	-0.09		ppb
Cobalt	59-1	0.06	0.00	0.02	0.02	121.24	ppb
Copper	63-1	0.14	0.10	0.18	0.14	29.31	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-1	9.77	8.02	23.26	13.68	60.95	ppb
Iron	56-1	19.13	20.86	33.88	24.62	32.75	ppb
Iron	57-1	7.75	-2.05	12.26	5.99	122.12	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	12.32	ppb
Lead	207-1	0.08	0.05	0.02	0.05	57.66	ppb
Lead	208-1	0.07	0.06	0.06	0.06	4.40	ppb
Lithium	6-1				102		%
Magnesium	24-1	6.04	5.32	5.08	5.48	9.09	ppb
Manganese	55-1	0.02	0.05	0.11	0.06	77.05	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:49:29	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.19	0.18	0.20	12.95	ppb
Molybdenum	95-1	0.17	0.17	0.18	0.17	4.66	ppb
Molybdenum	96-1	0.17	0.17	0.13	0.16	13.64	ppb
Molybdenum	97-1	0.18	0.14	0.13	0.15	18.08	ppb
Molybdenum	98-1	0.14	0.15	0.15	0.14	3.00	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.05	0.04	-0.03	-0.02		ppb
Phosphorus	31-1	-40.62	-37.23	-37.18	-38.34		ppb
Potassium	39-1	-6.79	-18.46	0.38	-8.29		ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	-0.26	1.42	0.80	0.65	129.84	ppb
Selenium	77-1	0.01	0.53	0.20	0.25	105.45	ppb
Selenium	78-1	2.02	-5.16	0.36	-0.93		ppb
Silicon	28-1	3.94	-0.22	9.99	4.57	112.29	ppb
Silver	109-1	0.05	0.03	0.04	0.04	15.10	ppb
Silver	107-1	0.04	0.06	0.03	0.04	38.66	ppb
Sodium	23-1	21.68	20.00	23.10	21.59	7.17	ppb
Strontium	86-1	0.08	0.09	0.10	0.09	10.55	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	18.93	ppb
Sulfur	34-1	-3663.66	-3930.58	-2385.31	-3326.52		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	205-1	0.27	0.27	0.22	0.25	11.49	ppb
Thallium	203-1	0.28	0.27	0.19	0.25	19.59	ppb
Tin	118-1	0.05	0.00	0.02	0.03	97.62	ppb
Titanium	47-1	0.15	0.16	-0.07	0.08	160.06	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.71	ppb
Vanadium	51-1	0.04	0.03	0.03	0.03	25.39	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-1	-0.18	-0.30	-0.37	-0.28		ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	61.78	ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	80.48	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : PB126613BL Instrumnet Name : P8
 Client Sample ID : PB126613BL Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:52:20 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.33	0.20	0.35	0.29	27.04	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	21.35	ppb
Arsenic	75-1	0.03	0.01	0.02	0.02	57.01	ppb
Barium	135-1	0.11	0.10	0.06	0.09	29.85	ppb
Barium	137-1	0.11	0.08	0.04	0.08	43.06	ppb
Beryllium	9-1	0.08	0.07	0.08	0.08	10.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	11-1	84.35	82.39	78.69	81.81	3.51	ppb
Boron	10-1	88.00	81.55	80.26	83.27	4.98	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.97	-2.28	-2.55	-1.93		ppb
Cadmium	108-1	0.08	0.13	-0.05	0.05	179.15	ppb
Cadmium	111-1	-0.03	-0.13	-0.14	-0.10		ppb
Calcium	43-1	4.70	-0.83	-2.55	0.44	858.58	ppb
Calcium	44-1	-1.63	16.36	5.36	6.70	135.43	ppb
Chromium	52-1	-0.19	-0.03	-0.14	-0.12		ppb
Cobalt	59-1	0.00	0.02	0.02	0.01	60.71	ppb
Copper	63-1	0.11	0.09	0.05	0.08	41.55	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-1	-14.10	-0.49	-16.73	-10.44		ppb
Iron	56-1	-3.79	12.77	6.40	5.12	162.96	ppb
Iron	57-1	-8.58	-3.13	-4.56	-5.42		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	5.03	ppb
Lead	207-1	0.03	0.03	0.03	0.03	7.48	ppb
Lead	208-1	0.04	0.04	0.03	0.04	22.12	ppb
Lithium	6-1				106		%
Magnesium	24-1	2.86	2.32	2.81	2.66	11.13	ppb
Manganese	55-1	-0.08	-0.09	0.05	-0.04		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126613BL	Instrumnet Name :	P8
Client Sample ID :	PB126613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:52:20	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.07	0.14	0.10	35.48	ppb
Molybdenum	95-1	0.12	0.07	0.11	0.10	26.46	ppb
Molybdenum	96-1	0.10	0.06	0.07	0.08	30.54	ppb
Molybdenum	97-1	0.18	0.09	0.07	0.11	56.97	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	6.60	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	-0.05	-0.01	-0.02		ppb
Phosphorus	31-1	-34.88	-39.18	-39.88	-37.98		ppb
Potassium	39-1	-41.39	-26.94	-38.09	-35.47		ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.72	0.61	0.05	-0.02		ppb
Selenium	77-1	0.48	0.16	0.01	0.22	110.16	ppb
Selenium	78-1	-22.52	-12.53	-8.07	-14.37		ppb
Silicon	28-1	-15.06	-5.39	-13.11	-11.19		ppb
Silver	109-1	0.01	0.02	0.03	0.02	54.64	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.75	ppb
Sodium	23-1	5.25	10.61	5.66	7.17	41.62	ppb
Strontium	86-1	-0.17	0.03	0.01	-0.04		ppb
Strontium	88-1	0.01	0.02	0.02	0.02	11.93	ppb
Sulfur	34-1	-3489.97	-2902.74	-3506.60	-3299.77		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	205-1	0.15	0.14	0.11	0.13	16.54	ppb
Thallium	203-1	0.15	0.14	0.12	0.14	9.35	ppb
Tin	118-1	0.02	-0.02	-0.01	0.00		ppb
Titanium	47-1	0.19	-0.08	0.02	0.04	316.03	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	39.17	ppb
Vanadium	51-1	0.03	0.01	0.01	0.02	71.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-1	-0.38	-0.31	-0.50	-0.40		ppb
Zirconium	91-1	0.04	0.01	0.00	0.01	161.08	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.01	274.79	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : PB126613BS Instrumnet Name : P8
 Client Sample ID : PB126613BS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:55:08 DataFile Name : 029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9914.09	10018.23	9890.32	9940.88	0.68	ppb
Antimony	121-1	489.10	496.75	506.45	497.43	1.75	ppb
Arsenic	75-1	487.52	492.41	488.27	489.40	0.54	ppb
Barium	135-1	2442.43	2441.85	2505.31	2463.20	1.48	ppb
Barium	137-1	2466.85	2421.00	2458.13	2448.66	0.99	ppb
Beryllium	9-1	498.42	490.65	491.22	493.43	0.88	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	11-1	428.44	487.60	531.73	482.59	10.74	ppb
Boron	10-1	416.36	490.43	510.73	472.51	10.51	ppb
Bromine	81-1						cps
Cadmium	106-1	485.15	505.76	491.11	494.00	2.15	ppb
Cadmium	108-1	496.23	500.97	496.51	497.91	0.53	ppb
Cadmium	111-1	492.53	493.28	494.67	493.49	0.22	ppb
Calcium	43-1	51740.35	52432.58	53079.95	52417.63	1.28	ppb
Calcium	44-1	50070.41	50790.03	50924.02	50594.82	0.91	ppb
Chromium	52-1	493.55	496.05	483.43	491.01	1.36	ppb
Cobalt	59-1	492.04	510.81	493.12	498.66	2.11	ppb
Copper	63-1	985.16	989.41	981.70	985.42	0.39	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	54-1	25885.87	25711.29	25547.33	25714.83	0.66	ppb
Iron	56-1	25410.95	25117.73	25439.35	25322.68	0.70	ppb
Iron	57-1	25662.40	25722.05	25328.23	25570.90	0.83	ppb
Krypton	83-1						cps
Lead	206-1	484.07	477.10	467.11	476.09	1.79	ppb
Lead	207-1	495.97	481.64	475.08	484.23	2.21	ppb
Lead	208-1	493.02	481.77	477.63	484.14	1.65	ppb
Lithium	6-1				112		%
Magnesium	24-1	49390.11	50911.88	49858.87	50053.62	1.56	ppb
Manganese	55-1	974.24	970.67	958.22	967.71	0.87	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126613BS	Instrumnet Name :	P8
Client Sample ID :	PB126613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:55:08	DataFile Name :	029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2441.61	2482.32	2444.54	2456.16	0.92	ppb
Molybdenum	95-1	2432.27	2434.11	2391.40	2419.26	1.00	ppb
Molybdenum	96-1	2408.40	2412.65	2404.25	2408.44	0.17	ppb
Molybdenum	97-1	2416.09	2462.24	2437.41	2438.58	0.95	ppb
Molybdenum	98-1	2410.51	2409.46	2402.10	2407.36	0.19	ppb
Neodymium	150-1						cps
Nickel	60-1	489.04	501.05	489.78	493.29	1.36	ppb
Phosphorus	31-1	9596.45	9778.52	9696.43	9690.47	0.94	ppb
Potassium	39-1	25013.63	25436.72	24886.99	25112.44	1.15	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	486.45	497.49	485.62	489.85	1.35	ppb
Selenium	77-1	504.48	491.70	477.62	491.26	2.73	ppb
Selenium	78-1	452.12	473.14	469.84	465.03	2.43	ppb
Silicon	28-1	473.82	500.42	508.82	494.35	3.70	ppb
Silver	109-1	490.95	488.71	501.75	493.80	1.41	ppb
Silver	107-1	494.30	498.26	511.21	501.26	1.76	ppb
Sodium	23-1	50590.76	51862.50	50930.05	51127.77	1.29	ppb
Strontium	86-1	485.29	494.12	488.58	489.33	0.91	ppb
Strontium	88-1	482.27	489.96	480.90	484.38	1.01	ppb
Sulfur	34-1	7397.27	7874.56	7335.45	7535.76	3.92	ppb
Terbium	159-1				113		%
Terbium	159-2				115		%
Thallium	205-1	492.53	481.92	484.76	486.40	1.13	ppb
Thallium	203-1	488.85	480.36	472.44	480.55	1.71	ppb
Tin	118-1	489.60	499.72	508.74	499.35	1.92	ppb
Titanium	47-1	2468.80	2480.01	2484.13	2477.65	0.32	ppb
Uranium	238-1	489.56	484.37	478.32	484.08	1.16	ppb
Vanadium	51-1	487.98	497.13	485.40	490.17	1.26	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-1	975.01	986.82	982.83	981.55	0.61	ppb
Zirconium	91-1	489.53	489.26	486.77	488.52	0.31	ppb
Zirconium	90-1	486.98	486.98	487.35	487.10	0.04	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:02:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	25.75	25.79	25.83	25.79	0.14	ppb
Antimony	121-1	0.12	0.22	0.22	0.19	32.17	ppb
Arsenic	75-1	1.10	1.51	1.82	1.48	24.58	ppb
Barium	135-1	15.79	16.23	15.95	15.99	1.39	ppb
Barium	137-1	16.19	16.03	15.62	15.94	1.86	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	9.79	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	11-1	65.18	65.65	67.27	66.03	1.66	ppb
Boron	10-1	65.24	67.58	67.17	66.66	1.88	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.86	-1.51	0.01	-0.79		ppb
Cadmium	108-1	-0.12	-0.06	0.06	-0.04		ppb
Cadmium	111-1	0.02	-0.01	0.09	0.03	144.60	ppb
Calcium	43-1	24386.50	24808.02	25162.71	24785.74	1.57	ppb
Calcium	44-1	23445.83	24064.09	24184.37	23898.10	1.66	ppb
Chromium	52-1	0.56	0.79	0.94	0.76	25.66	ppb
Cobalt	59-1	0.07	0.05	0.06	0.06	17.50	ppb
Copper	63-1	27.64	28.35	28.96	28.32	2.33	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	54-1	-99.69	-81.33	-74.26	-85.09		ppb
Iron	56-1	-51.32	-35.58	-25.95	-37.62		ppb
Iron	57-1	-0.74	4.33	8.71	4.10	115.47	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.22	0.19	0.23	21.07	ppb
Lead	207-1	0.33	0.26	0.28	0.29	12.75	ppb
Lead	208-1	0.31	0.26	0.24	0.27	12.72	ppb
Lithium	6-1				115		%
Magnesium	24-1	13616.69	14586.52	14158.71	14120.64	3.44	ppb
Manganese	55-1	-0.08	0.00	0.03	-0.02		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:02:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.21	0.19	0.22	17.89	ppb
Molybdenum	95-1	0.20	0.24	0.21	0.22	9.45	ppb
Molybdenum	96-1	0.19	0.23	0.18	0.20	12.35	ppb
Molybdenum	97-1	0.25	0.15	0.20	0.20	27.19	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	1.64	ppb
Neodymium	150-1						cps
Nickel	60-1	4.87	5.30	5.16	5.11	4.35	ppb
Phosphorus	31-1	246.92	255.94	256.72	253.19	2.15	ppb
Potassium	39-1	1868.32	1971.11	2002.54	1947.32	3.60	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	-1.62	-0.32	-0.38	-0.77		ppb
Selenium	77-1	10.47	12.08	11.97	11.51	7.81	ppb
Selenium	78-1	-41.79	-31.96	-37.60	-37.12		ppb
Silicon	28-1	9065.89	8981.73	9120.61	9056.08	0.77	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.08	ppb
Silver	107-1	0.04	0.04	0.05	0.04	18.64	ppb
Sodium	23-1	19680.38	20294.03	20411.97	20128.79	1.95	ppb
Strontium	86-1	72.41	73.21	71.98	72.53	0.86	ppb
Strontium	88-1	72.52	74.64	72.78	73.31	1.58	ppb
Sulfur	34-1	3105.15	5028.72	5153.33	4429.07	25.93	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	205-1	0.26	0.39	0.51	0.39	32.20	ppb
Thallium	203-1	0.31	0.43	0.48	0.41	21.39	ppb
Tin	118-1	0.44	0.40	0.40	0.41	5.67	ppb
Titanium	47-1	0.01	-0.02	0.30	0.10	177.41	ppb
Uranium	238-1	0.30	0.24	0.27	0.27	10.74	ppb
Vanadium	51-1	0.41	0.61	0.74	0.59	28.27	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-1	41.69	41.81	42.00	41.83	0.37	ppb
Zirconium	91-1	0.00	0.02	0.05	0.02	109.74	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	49.51	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01DUP Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWDU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:05:08 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	26.26	26.12	26.40	26.26	0.52	ppb
Antimony	121-1	0.19	0.21	0.20	0.20	5.62	ppb
Arsenic	75-1	2.18	2.47	2.87	2.51	13.96	ppb
Barium	135-1	16.11	15.54	15.93	15.86	1.84	ppb
Barium	137-1	16.35	15.61	16.33	16.10	2.63	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	22.86	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Boron	11-1	53.21	52.89	54.13	53.41	1.20	ppb
Boron	10-1	56.99	52.82	57.39	55.73	4.54	ppb
Bromine	81-1						cps
Cadmium	106-1	0.19	-1.15	0.35	-0.20		ppb
Cadmium	108-1	-0.12	-0.12	0.30	0.02	1145.20	ppb
Cadmium	111-1	0.07	0.03	0.10	0.07	55.86	ppb
Calcium	43-1	24816.25	24483.04	25200.98	24833.42	1.45	ppb
Calcium	44-1	24044.07	24045.82	24199.23	24096.37	0.37	ppb
Chromium	52-1	0.74	0.88	0.98	0.87	14.22	ppb
Cobalt	59-1	0.03	0.04	0.03	0.03	14.98	ppb
Copper	63-1	28.21	27.88	28.59	28.23	1.25	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-1	-87.39	-92.22	-82.03	-87.22		ppb
Iron	56-1	-18.83	-15.64	-6.43	-13.64		ppb
Iron	57-1	-0.06	-5.43	5.04	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.18	0.27	0.22	22.39	ppb
Lead	207-1	0.19	0.18	0.21	0.19	7.42	ppb
Lead	208-1	0.20	0.19	0.22	0.20	8.60	ppb
Lithium	6-1				116		%
Magnesium	24-1	14003.53	13768.78	14150.17	13974.16	1.38	ppb
Manganese	55-1	-0.07	-0.07	0.04	-0.03		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01DUP	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWDU	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:05:08	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.19	0.10	0.12	58.00	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.13	4.70	ppb
Molybdenum	96-1	0.13	0.13	0.12	0.13	5.71	ppb
Molybdenum	97-1	0.14	0.11	0.06	0.10	39.97	ppb
Molybdenum	98-1	0.14	0.13	0.11	0.13	13.15	ppb
Neodymium	150-1						cps
Nickel	60-1	5.18	5.43	5.33	5.31	2.37	ppb
Phosphorus	31-1	241.84	246.36	258.79	249.00	3.53	ppb
Potassium	39-1	1922.97	1887.80	1973.21	1927.99	2.23	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	-0.03	0.92	-0.27	0.21	303.72	ppb
Selenium	77-1	18.95	20.83	21.81	20.53	7.07	ppb
Selenium	78-1	-39.95	-41.67	-50.74	-44.12		ppb
Silicon	28-1	9060.63	9018.14	9149.03	9075.93	0.74	ppb
Silver	109-1	0.05	0.06	0.08	0.07	23.12	ppb
Silver	107-1	0.08	0.07	0.07	0.07	8.15	ppb
Sodium	23-1	19809.09	20172.11	20257.68	20079.63	1.19	ppb
Strontium	86-1	72.74	74.46	71.76	72.98	1.87	ppb
Strontium	88-1	74.18	75.24	72.56	73.99	1.82	ppb
Sulfur	34-1	3812.36	3007.13	3388.39	3402.63	11.84	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	205-1	0.19	0.20	0.25	0.21	14.64	ppb
Thallium	203-1	0.21	0.20	0.25	0.22	13.78	ppb
Tin	118-1	0.33	0.30	0.33	0.32	6.63	ppb
Titanium	47-1	0.19	0.14	0.23	0.19	24.29	ppb
Uranium	238-1	0.27	0.27	0.28	0.27	1.91	ppb
Vanadium	51-1	0.94	1.09	1.31	1.11	16.56	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-1	41.35	42.12	41.29	41.59	1.12	ppb
Zirconium	91-1	0.05	0.04	0.01	0.03	62.40	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	68.73	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01LX5	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-06 15:12:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4.82	4.37	4.49	4.56	5.14	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.34	ppb
Arsenic	75-1	0.66	0.73	0.76	0.72	6.88	ppb
Barium	135-1	3.18	2.93	3.17	3.09	4.58	ppb
Barium	137-1	2.89	3.23	3.18	3.10	5.94	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	26.34	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	11-1	27.16	28.00	28.55	27.90	2.51	ppb
Boron	10-1	27.25	27.57	27.34	27.39	0.60	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.91	-1.90	-1.65	-1.48		ppb
Cadmium	108-1	-0.05	0.07	-0.18	-0.05		ppb
Cadmium	111-1	-0.04	-0.11	-0.10	-0.08		ppb
Calcium	43-1	4972.71	4888.82	4790.70	4884.08	1.87	ppb
Calcium	44-1	4968.10	4908.58	4855.89	4910.85	1.14	ppb
Chromium	52-1	0.26	0.23	0.14	0.21	27.96	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00		ppb
Copper	63-1	5.65	5.63	5.65	5.64	0.17	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-1	-33.36	-52.35	-57.26	-47.66		ppb
Iron	56-1	6.28	7.76	-3.88	3.39	187.11	ppb
Iron	57-1	-17.24	-21.98	-27.10	-22.11		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.05	0.05	15.30	ppb
Lead	207-1	0.05	0.05	0.07	0.06	22.11	ppb
Lead	208-1	0.05	0.07	0.06	0.06	12.71	ppb
Lithium	6-1				109		%
Magnesium	24-1	2795.02	2718.42	2616.27	2709.90	3.31	ppb
Manganese	55-1	-0.10	-0.17	-0.14	-0.14		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01LX5	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-06 15:12:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	34.13	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	62.27	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	36.11	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	38.24	ppb
Molybdenum	98-1	0.04	0.01	0.04	0.03	62.85	ppb
Neodymium	150-1						cps
Nickel	60-1	0.96	1.19	0.95	1.03	13.34	ppb
Phosphorus	31-1	14.05	9.47	9.39	10.97	24.35	ppb
Potassium	39-1	329.51	286.50	291.89	302.63	7.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.63	-0.48	0.11	0.08	651.55	ppb
Selenium	77-1	3.94	5.38	4.36	4.56	16.33	ppb
Selenium	78-1	-29.80	-33.52	-45.44	-36.25		ppb
Silicon	28-1	1771.72	1715.46	1673.20	1720.13	2.87	ppb
Silver	109-1	0.02	0.03	0.01	0.02	44.77	ppb
Silver	107-1	0.01	0.02	0.01	0.01	53.01	ppb
Sodium	23-1	4037.90	3921.34	3796.19	3918.48	3.08	ppb
Strontium	86-1	14.27	14.24	13.96	14.16	1.19	ppb
Strontium	88-1	14.62	14.39	14.42	14.48	0.84	ppb
Sulfur	34-1	-2970.71	-4120.06	-4568.31	-3886.36		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	205-1	0.01	0.02	0.03	0.02	56.41	ppb
Thallium	203-1	0.02	-0.01	0.04	0.02	164.71	ppb
Tin	118-1	0.09	0.04	0.03	0.06	51.78	ppb
Titanium	47-1	0.18	-0.17	-0.01	0.00		ppb
Uranium	238-1	0.05	0.03	0.06	0.05	25.28	ppb
Vanadium	51-1	0.40	0.39	0.46	0.42	8.35	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-1	8.22	8.24	7.81	8.09	2.97	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	218.55	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01MS Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWMS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:15:38 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1772.60	1802.79	1833.01	1802.80	1.68	ppb
Antimony	121-1	722.74	706.06	689.20	706.00	2.38	ppb
Arsenic	75-1	728.23	737.89	778.24	748.12	3.55	ppb
Barium	135-1	208.57	202.66	205.20	205.48	1.44	ppb
Barium	137-1	206.32	206.96	202.28	205.18	1.24	ppb
Beryllium	9-1	177.87	178.63	180.77	179.09	0.84	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Boron	11-1	216.98	260.96	291.42	256.45	14.59	ppb
Boron	10-1	215.22	259.00	289.75	254.66	14.71	ppb
Bromine	81-1						cps
Cadmium	106-1	158.56	164.05	167.70	163.43	2.81	ppb
Cadmium	108-1	177.99	175.92	181.50	178.47	1.58	ppb
Cadmium	111-1	189.71	184.71	188.49	187.64	1.39	ppb
Calcium	43-1	25200.78	25103.52	25141.94	25148.75	0.19	ppb
Calcium	44-1	24603.52	24411.49	24520.08	24511.70	0.39	ppb
Chromium	52-1	375.33	372.71	386.55	378.20	1.94	ppb
Cobalt	59-1	188.27	193.18	195.03	192.16	1.82	ppb
Copper	63-1	311.01	319.52	324.73	318.42	2.18	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-1	3114.79	3169.19	3213.93	3165.97	1.57	ppb
Iron	56-1	2908.49	3014.81	2884.67	2935.99	2.36	ppb
Iron	57-1	3042.87	3092.45	3096.49	3077.27	0.97	ppb
Krypton	83-1						cps
Lead	206-1	929.18	955.77	930.21	938.39	1.60	ppb
Lead	207-1	927.45	934.16	922.70	928.10	0.62	ppb
Lead	208-1	925.46	936.17	926.19	929.27	0.64	ppb
Lithium	6-1				118		%
Magnesium	24-1	15273.97	15353.09	15580.06	15402.37	1.03	ppb
Manganese	55-1	184.45	190.34	188.87	187.89	1.63	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01MS	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:15:38	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	266.99	270.13	278.62	271.91	2.21	ppb
Molybdenum	95-1	368.82	375.65	390.86	378.44	2.98	ppb
Molybdenum	96-1	354.19	361.57	371.73	362.50	2.43	ppb
Molybdenum	97-1	369.42	376.39	399.73	381.85	4.16	ppb
Molybdenum	98-1	371.11	377.45	386.60	378.39	2.06	ppb
Neodymium	150-1						cps
Nickel	60-1	484.94	480.87	486.05	483.95	0.56	ppb
Phosphorus	31-1	5811.54	5993.60	5930.73	5911.96	1.56	ppb
Potassium	39-1	11431.45	11316.89	11492.96	11413.77	0.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	1847.52	1902.01	1974.89	1908.14	3.35	ppb
Selenium	77-1	1871.88	1860.36	1978.39	1903.55	3.42	ppb
Selenium	78-1	1823.67	1926.46	2015.37	1921.83	4.99	ppb
Silicon	28-1	9426.31	9513.00	9739.15	9559.49	1.69	ppb
Silver	109-1	71.84	70.91	71.84	71.53	0.75	ppb
Silver	107-1	71.12	68.96	70.94	70.34	1.70	ppb
Sodium	23-1	22167.37	22096.18	22913.38	22392.31	2.02	ppb
Strontium	86-1	254.74	257.42	271.75	261.30	3.50	ppb
Strontium	88-1	256.38	260.12	267.77	261.42	2.22	ppb
Sulfur	34-1	2857.30	3223.61	3637.12	3239.35	12.04	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	205-1	1845.27	1827.64	1813.19	1828.70	0.88	ppb
Thallium	203-1	1798.47	1847.62	1780.86	1808.99	1.91	ppb
Tin	118-1	675.46	662.90	654.64	664.34	1.58	ppb
Titanium	47-1	190.90	194.48	196.85	194.08	1.54	ppb
Uranium	238-1	0.29	0.26	0.27	0.27	5.67	ppb
Vanadium	51-1	281.88	288.64	294.05	288.19	2.12	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-1	223.21	231.28	230.37	228.29	1.94	ppb
Zirconium	91-1	0.28	0.20	0.23	0.24	16.99	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	7.69	ppb

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01MSD Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWMS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:18:28 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1800.20	1781.51	1799.13	1793.61	0.59	ppb
Antimony	121-1	690.64	697.14	682.48	690.08	1.06	ppb
Arsenic	75-1	738.62	742.86	767.60	749.69	2.09	ppb
Barium	135-1	206.28	206.16	210.88	207.78	1.30	ppb
Barium	137-1	207.96	206.63	210.28	208.29	0.89	ppb
Beryllium	9-1	176.94	172.22	176.63	175.26	1.50	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Boron	11-1	254.91	293.07	309.39	285.79	9.78	ppb
Boron	10-1	264.34	289.61	307.55	287.17	7.56	ppb
Bromine	81-1						cps
Cadmium	106-1	157.26	161.16	170.86	163.09	4.29	ppb
Cadmium	108-1	171.48	171.70	186.68	176.62	4.93	ppb
Cadmium	111-1	188.60	189.43	195.64	191.22	2.01	ppb
Calcium	43-1	25357.55	25206.31	25754.64	25439.50	1.11	ppb
Calcium	44-1	24340.47	24635.28	24657.72	24544.49	0.72	ppb
Chromium	52-1	386.87	372.03	376.38	378.42	2.02	ppb
Cobalt	59-1	190.18	187.09	192.54	189.93	1.44	ppb
Copper	63-1	312.53	312.80	326.57	317.30	2.53	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-1	3090.19	3081.50	3064.73	3078.81	0.42	ppb
Iron	56-1	2901.04	2886.59	2894.52	2894.05	0.25	ppb
Iron	57-1	3035.81	3035.05	3062.25	3044.37	0.51	ppb
Krypton	83-1						cps
Lead	206-1	926.56	913.62	940.67	926.95	1.46	ppb
Lead	207-1	907.97	910.18	928.93	915.69	1.26	ppb
Lead	208-1	917.07	922.11	933.71	924.30	0.92	ppb
Lithium	6-1				121		%
Magnesium	24-1	15357.76	15430.36	15272.00	15353.37	0.52	ppb
Manganese	55-1	187.64	183.43	188.04	186.37	1.37	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01MSD	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:18:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	262.09	266.27	276.37	268.24	2.74	ppb
Molybdenum	95-1	369.01	373.85	382.34	375.07	1.80	ppb
Molybdenum	96-1	357.98	357.65	365.40	360.35	1.22	ppb
Molybdenum	97-1	374.92	373.57	384.41	377.63	1.56	ppb
Molybdenum	98-1	371.45	372.98	386.61	377.01	2.21	ppb
Neodymium	150-1						cps
Nickel	60-1	479.55	477.20	484.50	480.42	0.78	ppb
Phosphorus	31-1	5958.54	5815.48	5745.74	5839.92	1.86	ppb
Potassium	39-1	11299.73	11172.86	11367.57	11280.06	0.88	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	1875.76	1893.86	1924.01	1897.87	1.28	ppb
Selenium	77-1	1884.71	1934.63	1938.65	1919.33	1.57	ppb
Selenium	78-1	1932.95	1919.89	1952.75	1935.20	0.85	ppb
Silicon	28-1	9649.15	9426.44	9452.34	9509.31	1.28	ppb
Silver	109-1	72.16	71.56	73.39	72.37	1.29	ppb
Silver	107-1	70.66	71.60	72.55	71.60	1.32	ppb
Sodium	23-1	22311.29	22281.59	22117.59	22236.82	0.47	ppb
Strontium	86-1	254.52	256.89	262.63	258.01	1.62	ppb
Strontium	88-1	259.57	257.43	261.08	259.36	0.71	ppb
Sulfur	34-1	2054.95	1656.66	1939.98	1883.86	10.88	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	205-1	1774.66	1784.66	1849.08	1802.80	2.24	ppb
Thallium	203-1	1780.33	1803.68	1854.26	1812.76	2.08	ppb
Tin	118-1	647.97	674.52	662.77	661.75	2.01	ppb
Titanium	47-1	190.70	192.44	191.79	191.64	0.46	ppb
Uranium	238-1	0.31	0.24	0.28	0.27	13.45	ppb
Vanadium	51-1	286.71	288.01	279.62	284.78	1.59	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-1	229.54	228.18	231.04	229.59	0.62	ppb
Zirconium	91-1	0.24	0.21	0.28	0.24	15.01	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.69	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01A	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:21:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1990.83	1840.59	1808.14	1879.85	5.18	ppb
Antimony	121-1	759.84	682.23	685.87	709.32	6.17	ppb
Arsenic	75-1	839.71	752.84	750.69	781.08	6.50	ppb
Barium	135-1	226.04	204.66	205.57	212.09	5.70	ppb
Barium	137-1	228.09	204.68	209.31	214.03	5.79	ppb
Beryllium	9-1	190.50	175.72	172.09	179.44	5.44	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Boron	11-1	288.42	298.94	313.47	300.28	4.19	ppb
Boron	10-1	294.71	299.37	310.67	301.59	2.72	ppb
Bromine	81-1						cps
Cadmium	106-1	182.50	169.52	161.41	171.14	6.22	ppb
Cadmium	108-1	192.69	175.26	173.29	180.41	5.92	ppb
Cadmium	111-1	210.16	188.81	186.24	195.07	6.73	ppb
Calcium	43-1	27949.27	26104.42	25448.18	26500.62	4.89	ppb
Calcium	44-1	26512.99	24544.56	24668.57	25242.04	4.37	ppb
Chromium	52-1	440.62	395.64	384.82	407.03	7.27	ppb
Cobalt	59-1	213.61	199.44	188.68	200.58	6.23	ppb
Copper	63-1	354.68	338.05	318.01	336.91	5.45	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-1	3592.99	3282.95	3120.61	3332.18	7.20	ppb
Iron	56-1	3224.30	3005.89	2953.62	3061.27	4.69	ppb
Iron	57-1	3384.62	3154.57	3068.71	3202.64	5.10	ppb
Krypton	83-1						cps
Lead	206-1	1039.62	942.56	921.25	967.81	6.52	ppb
Lead	207-1	1016.75	967.00	909.06	964.27	5.59	ppb
Lead	208-1	1017.67	937.29	912.26	955.74	5.76	ppb
Lithium	6-1				120		%
Magnesium	24-1	17071.75	15659.35	15428.75	16053.28	5.54	ppb
Manganese	55-1	207.97	193.69	189.25	196.97	4.97	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01A	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:21:16	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	306.32	269.36	272.02	282.57	7.30	ppb
Molybdenum	95-1	421.94	381.56	378.22	393.91	6.18	ppb
Molybdenum	96-1	407.61	366.38	363.32	379.10	6.53	ppb
Molybdenum	97-1	431.17	384.09	376.70	397.32	7.44	ppb
Molybdenum	98-1	426.22	381.78	380.39	396.13	6.58	ppb
Neodymium	150-1						cps
Nickel	60-1	538.79	500.57	479.95	506.44	5.90	ppb
Phosphorus	31-1	6347.12	6028.84	5877.85	6084.60	3.94	ppb
Potassium	39-1	12671.55	11704.55	11296.95	11891.02	5.94	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	2131.65	1910.57	1897.51	1979.91	6.65	ppb
Selenium	77-1	2142.13	1964.04	1878.04	1994.74	6.75	ppb
Selenium	78-1	2180.12	1937.72	1934.16	2017.33	6.99	ppb
Silicon	28-1	10529.09	9669.23	9653.69	9950.67	5.03	ppb
Silver	109-1	78.39	71.51	70.75	73.55	5.72	ppb
Silver	107-1	78.73	71.04	70.02	73.26	6.50	ppb
Sodium	23-1	24572.04	22901.48	22455.25	23309.59	4.79	ppb
Strontium	86-1	293.62	260.95	262.49	272.35	6.77	ppb
Strontium	88-1	288.65	259.77	260.95	269.79	6.06	ppb
Sulfur	34-1	6352.62	2978.28	2630.43	3987.11	51.57	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	205-1	2011.74	1805.11	1798.56	1871.80	6.48	ppb
Thallium	203-1	2014.76	1829.67	1814.23	1886.22	5.92	ppb
Tin	118-1	732.79	661.90	661.89	685.53	5.97	ppb
Titanium	47-1	216.80	197.84	196.82	203.82	5.52	ppb
Uranium	238-1	0.29	0.25	0.25	0.26	9.47	ppb
Vanadium	51-1	320.06	291.27	295.35	302.23	5.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-1	257.06	237.47	231.55	242.03	5.52	ppb
Zirconium	91-1	0.20	0.23	0.17	0.20	15.39	ppb
Zirconium	90-1	0.09	0.06	0.08	0.07	20.60	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:24:11	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	53655.26	51498.48	51728.65	52294.13	2.26	ppb
Antimony	121-1	454.46	460.05	475.14	463.22	2.31	ppb
Arsenic	75-1	485.31	472.98	482.70	480.33	1.35	ppb
Barium	135-1	2495.26	2510.73	2540.81	2515.60	0.92	ppb
Barium	137-1	2443.10	2475.23	2464.07	2460.80	0.66	ppb
Beryllium	9-1	476.56	486.15	484.30	482.33	1.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	11-1	489.14	565.06	596.44	550.21	10.03	ppb
Boron	10-1	498.09	571.60	585.98	551.89	8.54	ppb
Bromine	81-1						cps
Cadmium	106-1	466.49	470.73	476.80	471.34	1.10	ppb
Cadmium	108-1	492.60	470.32	486.98	483.30	2.40	ppb
Cadmium	111-1	470.59	470.75	488.19	476.51	2.12	ppb
Calcium	43-1	254308.32	243903.19	242707.74	246973.08	2.58	ppb
Calcium	44-1	248437.74	244924.46	239756.48	244372.89	1.79	ppb
Chromium	52-1	517.91	484.82	498.19	500.31	3.33	ppb
Cobalt	59-1	499.20	479.93	485.93	488.35	2.02	ppb
Copper	63-1	977.31	933.05	975.92	962.09	2.62	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	54-1	129539.55	120326.56	122847.67	124237.93	3.83	ppb
Iron	56-1	124582.18	121319.02	122015.78	122638.99	1.40	ppb
Iron	57-1	126031.74	119967.47	122612.03	122870.41	2.47	ppb
Krypton	83-1						cps
Lead	206-1	487.09	485.79	474.75	482.54	1.41	ppb
Lead	207-1	488.02	494.11	477.86	486.66	1.69	ppb
Lead	208-1	490.68	494.60	482.48	489.26	1.26	ppb
Lithium	6-1				115		%
Magnesium	24-1	250830.06	241324.18	241058.16	244404.13	2.28	ppb
Manganese	55-1	1000.79	954.58	976.69	977.35	2.37	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:24:11	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2408.76	2461.23	2490.70	2453.56	1.69	ppb
Molybdenum	95-1	2414.64	2432.67	2467.19	2438.17	1.10	ppb
Molybdenum	96-1	2427.81	2426.81	2470.88	2441.83	1.03	ppb
Molybdenum	97-1	2465.06	2475.32	2483.09	2474.49	0.37	ppb
Molybdenum	98-1	2461.61	2434.56	2455.38	2450.52	0.58	ppb
Neodymium	150-1						cps
Nickel	60-1	499.99	477.30	482.94	486.74	2.43	ppb
Phosphorus	31-1	10112.47	9578.93	9838.14	9843.18	2.71	ppb
Potassium	39-1	129502.33	121380.14	124758.20	125213.56	3.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	481.81	470.93	478.07	476.94	1.16	ppb
Selenium	77-1	492.31	495.93	488.23	492.16	0.78	ppb
Selenium	78-1	462.33	447.08	467.31	458.91	2.30	ppb
Silicon	28-1	516.81	508.66	534.69	520.05	2.56	ppb
Silver	109-1	489.77	500.22	497.34	495.78	1.09	ppb
Silver	107-1	485.05	482.38	483.44	483.62	0.28	ppb
Sodium	23-1	253306.53	236127.32	246484.90	245306.25	3.53	ppb
Strontium	86-1	490.64	481.58	481.83	484.69	1.06	ppb
Strontium	88-1	484.53	483.78	488.19	485.50	0.49	ppb
Sulfur	34-1	8430.06	6165.96	6694.02	7096.68	16.69	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	205-1	487.68	494.60	499.29	493.86	1.18	ppb
Thallium	203-1	485.03	485.94	483.13	484.70	0.30	ppb
Tin	118-1	501.78	494.46	494.99	497.08	0.82	ppb
Titanium	47-1	2515.95	2455.37	2472.59	2481.30	1.26	ppb
Uranium	238-1	498.54	510.92	505.12	504.86	1.23	ppb
Vanadium	51-1	502.18	483.86	487.68	491.24	1.97	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-1	984.06	947.54	954.36	961.98	2.02	ppb
Zirconium	91-1	484.07	487.10	492.57	487.91	0.88	ppb
Zirconium	90-1	488.22	488.64	497.68	491.51	1.09	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:26:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.47	1.12	2.74	1.78	48.05	ppb
Antimony	121-1	0.09	0.05	0.08	0.07	32.28	ppb
Arsenic	75-1	0.61	0.52	0.44	0.53	16.26	ppb
Barium	135-1	0.06	0.03	0.06	0.05	35.90	ppb
Barium	137-1	0.02	0.07	0.03	0.04	54.00	ppb
Beryllium	9-1	0.06	0.09	0.13	0.09	34.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	11-1	98.26	91.82	88.51	92.86	5.34	ppb
Boron	10-1	97.28	91.08	87.57	91.98	5.35	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.51	-0.95	-0.92	-1.13		ppb
Cadmium	108-1	-0.11	-0.05	-0.11	-0.09		ppb
Cadmium	111-1	-0.02	0.01	0.00	-0.01		ppb
Calcium	43-1	-4.61	-5.88	-10.82	-7.10		ppb
Calcium	44-1	6.69	6.03	-2.97	3.25	166.19	ppb
Chromium	52-1	0.02	-0.05	-0.02	-0.01		ppb
Cobalt	59-1	0.01	0.00	0.01	0.01	85.63	ppb
Copper	63-1	0.08	0.13	0.12	0.11	26.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-1	-0.09	-1.61	-6.26	-2.65		ppb
Iron	56-1	12.09	15.72	25.38	17.73	38.73	ppb
Iron	57-1	-3.22	-5.47	-1.17	-3.29		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.06	0.08	22.94	ppb
Lead	207-1	0.06	0.06	0.06	0.06	5.01	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.62	ppb
Lithium	6-1				109		%
Magnesium	24-1	2.15	1.68	8.21	4.02	90.75	ppb
Manganese	55-1	-0.03	-0.04	-0.14	-0.07		ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:26:59	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.13	0.08	0.12	30.27	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	11.31	ppb
Molybdenum	96-1	0.12	0.09	0.10	0.11	13.09	ppb
Molybdenum	97-1	0.17	0.14	0.10	0.14	27.86	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.09	8.40	ppb
Neodymium	150-1						cps
Nickel	60-1	0.09	0.11	-0.01	0.06	100.06	ppb
Phosphorus	31-1	-34.49	-37.72	-39.39	-37.20		ppb
Potassium	39-1	-38.86	-33.75	-35.20	-35.94		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.94	0.76	0.46	0.72	33.52	ppb
Selenium	77-1	2.41	3.59	3.31	3.10	19.87	ppb
Selenium	78-1	-3.93	-9.77	4.34	-3.12		ppb
Silicon	28-1	5.28	2.71	1.07	3.02	70.15	ppb
Silver	109-1	0.07	0.06	0.08	0.07	10.03	ppb
Silver	107-1	0.09	0.83	0.06	0.33	132.18	ppb
Sodium	23-1	26.82	26.59	19.66	24.35	16.70	ppb
Strontium	86-1	-0.07	0.20	0.22	0.12	138.30	ppb
Strontium	88-1	0.02	0.00	0.02	0.01	63.95	ppb
Sulfur	34-1	-3225.27	-2941.03	-2989.80	-3052.04		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	205-1	0.30	0.31	0.28	0.29	4.65	ppb
Thallium	203-1	0.32	0.28	0.30	0.30	7.42	ppb
Tin	118-1	0.02	0.03	0.06	0.04	51.35	ppb
Titanium	47-1	0.13	-0.02	-0.10	0.01	2221.79	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	39.35	ppb
Vanadium	51-1	0.15	0.16	0.17	0.16	6.43	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-1	0.06	-0.15	-0.07	-0.05		ppb
Zirconium	91-1	-0.01	0.04	0.00	0.01	315.96	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	155.22	ppb

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S0	Instrument Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:31:03	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7977	9186	8578	8581	7.05	cps
Antimony	121-1	25	33	8	22	57.29	cps
Arsenic	75-1	43	47	63	51	20.96	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	17	42	8	22	78.07	cps
Beryllium	9-1	14	32	14	20	51.94	cps
Bismuth	209-1	1691510	1681294	1709895	1694233	0.86	cps
Bismuth	209-2	1288364	1275352	1285109	1282942	0.53	cps
Boron	11-1	382	348	398	376	6.79	cps
Boron	10-1	102	86	84	91	10.88	cps
Bromine	81-1	3009	2742	3000	2917	5.20	cps
Cadmium	106-1	1017	1000	958	992	3.03	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Cadmium	111-1	707	705	663	692	3.58	cps
Calcium	43-1	500	433	517	483	9.12	cps
Calcium	44-1	53216	55023	54378	54206	1.69	cps
Chromium	52-1	14116	13115	13348	13526	3.87	cps
Cobalt	59-1	258	192	325	258	25.80	cps
Copper	63-1	1208	1242	1292	1247	3.36	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Erbium	164-1	33	8	25	22	57.29	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Holmium	165-1	3067185	3094953	3171966	3111368	1.74	cps
Holmium	165-2	1983357	1942997	1928257	1951537	1.46	cps
Indium	115-1	3278210	3237519	3330872	3282200	1.43	cps
Indium	115-2	722694	717563	726690	722316	0.63	cps
Iron	54-1	262126	266621	264341	264363	0.85	cps
Iron	56-1	3051056	3032288	3035728	3039691	0.33	cps
Iron	57-1	41377	41277	42213	41623	1.23	cps
Krypton	83-1	1070	993	947	1003	6.21	cps
Lead	206-1	83	61	72	72	15.39	cps
Lead	207-1	61	72	78	70	12.06	cps
Lead	208-1	283	194	267	248	19.04	cps
Lithium	6-1	653568	660615	667552	660578	1.06	cps
Magnesium	24-1	16076	16276	16284	16212	0.73	cps
Manganese	55-1	18846	19263	19831	19314	2.56	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:31:03	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	83	75	75	78	6.19	cps
Molybdenum	95-1	25	58	25	36	53.29	cps
Molybdenum	96-1	92	67	92	83	17.32	cps
Molybdenum	97-1	8	25	0	11	114.58	cps
Molybdenum	98-1	42	67	25	44	47.19	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Nickel	60-1	433	442	417	431	2.96	cps
Phosphorus	31-1	29146	29656	29973	29592	1.41	cps
Potassium	39-1	4479017	4489432	4551125	4506525	0.86	cps
Rhodium	103-1	3303074	3243501	3347694	3298090	1.58	cps
Rhodium	103-2	1933583	1912267	1962585	1936145	1.30	cps
Scandium	45-1	2295980	2279879	2319608	2298489	0.87	cps
Scandium	45-2	102029	101958	101065	101684	0.53	cps
Selenium	82-1	385	456	517	453	14.60	cps
Selenium	77-1	33	25	58	39	44.62	cps
Selenium	78-1	65461	65946	66164	65857	0.55	cps
Silicon	28-1	597032	591261	597669	595321	0.59	cps
Silver	109-1	17	25	8	17	50.01	cps
Silver	107-1	58	33	17	36	58.07	cps
Sodium	23-1	851419	849534	850723	850558	0.11	cps
Strontium	86-1	1500	1508	1450	1486	2.12	cps
Strontium	88-1	25	67	58	50	44.10	cps
Sulfur	34-1	434722	432230	436501	434485	0.49	cps
Terbium	159-1	3271678	3310386	3428837	3336967	2.45	cps
Terbium	159-2	1951293	1943524	1937416	1944078	0.36	cps
Thallium	205-1	42	67	142	83	62.45	cps
Thallium	203-1	17	58	42	39	53.93	cps
Tin	118-1	217	242	225	228	5.59	cps
Titanium	47-1	908	817	992	906	9.67	cps
Uranium	238-1	33	8	17	19	65.47	cps
Vanadium	51-1	617	400	625	547	23.31	cps
Yttrium	89-1	4593102	4706603	4685563	4661756	1.30	cps
Yttrium	89-2	724592	719143	732421	725386	0.92	cps
Zinc	66-1	967	917	1158	1014	12.58	cps
Zirconium	91-1	50	67	42	53	24.12	cps
Zirconium	90-1	192	233	408	278	41.39	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:34:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	106455	108152	106456	107021	0.91	cps
Antimony	121-1	7544	7577	7260	7461	2.33	cps
Arsenic	75-1	1270	1153	1303	1242	6.34	cps
Barium	135-1	8053	7786	7836	7891	1.80	cps
Barium	137-1	13982	12898	13140	13340	4.27	cps
Beryllium	9-1	624	636	630	630	0.95	cps
Bismuth	209-1	1727705	1777040	1739569	1748105	1.47	cps
Bismuth	209-2	1288198	1292601	1290374	1290391	0.17	cps
Boron	11-1	4882	5280	5528	5230	6.23	cps
Boron	10-1	916	1102	1174	1064	12.51	cps
Bromine	81-1	3300	3284	3075	3220	3.89	cps
Cadmium	106-1	933	1133	900	989	12.76	cps
Cadmium	108-1	71	88	54	71	23.53	cps
Cadmium	111-1	1462	1532	1501	1498	2.34	cps
Calcium	43-1	5793	5785	5868	5815	0.79	cps
Calcium	44-1	143444	141601	143091	142712	0.69	cps
Chromium	52-1	27961	27093	26258	27104	3.14	cps
Cobalt	59-1	8569	8328	8661	8519	2.02	cps
Copper	63-1	9962	10279	10246	10162	1.71	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Erbium	164-1	25	17	42	28	45.82	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Holmium	165-1	3153516	3148109	3144725	3148783	0.14	cps
Holmium	165-2	1967110	1934145	1954372	1951876	0.85	cps
Indium	115-1	3323258	3321262	3322862	3322461	0.03	cps
Indium	115-2	722878	728871	724191	725314	0.43	cps
Iron	54-1	290213	286925	291448	289529	0.81	cps
Iron	56-1	3431455	3443901	3351060	3408805	1.48	cps
Iron	57-1	53191	52113	52396	52567	1.06	cps
Krypton	83-1	983	923	1013	973	4.71	cps
Lead	206-1	1722	1700	1828	1750	3.90	cps
Lead	207-1	1661	1489	1550	1567	5.57	cps
Lead	208-1	6990	6934	7362	7095	3.28	cps
Lithium	6-1	679261	668347	677070	674893	0.86	cps
Magnesium	24-1	1838915	1805089	1800935	1814980	1.15	cps
Manganese	55-1	28955	28220	28613	28596	1.29	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:34:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8253	8011	7961	8075	1.93	cps
Molybdenum	95-1	10279	10129	10262	10223	0.80	cps
Molybdenum	96-1	11413	10829	10863	11035	2.97	cps
Molybdenum	97-1	6385	5901	5835	6040	4.97	cps
Molybdenum	98-1	16010	15659	15884	15851	1.12	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Nickel	60-1	2617	2634	2484	2578	3.19	cps
Phosphorus	31-1	44185	43340	44034	43853	1.03	cps
Potassium	39-1	7262621	7240531	7440873	7314675	1.50	cps
Rhodium	103-1	3347583	3400733	3298412	3348909	1.53	cps
Rhodium	103-2	1897564	1926944	1933726	1919411	1.00	cps
Scandium	45-1	2376890	2333357	2334716	2348321	1.05	cps
Scandium	45-2	100679	100791	101979	101150	0.71	cps
Selenium	82-1	806	758	832	799	4.67	cps
Selenium	77-1	275	208	342	275	24.24	cps
Selenium	78-1	64825	67596	67722	66714	2.45	cps
Silicon	28-1	625928	622309	619104	622447	0.55	cps
Silver	109-1	4451	4543	4726	4573	3.06	cps
Silver	107-1	4709	4893	4559	4720	3.54	cps
Sodium	23-1	3271831	3251571	3290215	3271206	0.59	cps
Strontium	86-1	2667	2575	2600	2614	1.81	cps
Strontium	88-1	10079	9962	10554	10198	3.08	cps
Sulfur	34-1	435086	442945	442476	440169	1.00	cps
Terbium	159-1	3387885	3376479	3342140	3368835	0.71	cps
Terbium	159-2	1962722	2005454	1972031	1980069	1.13	cps
Thallium	205-1	5260	5293	4918	5157	4.03	cps
Thallium	203-1	1950	2234	2142	2109	6.86	cps
Tin	118-1	13982	13857	13766	13868	0.78	cps
Titanium	47-1	3851	3651	3634	3712	3.25	cps
Uranium	238-1	5426	5968	5618	5671	4.85	cps
Vanadium	51-1	42949	41720	42806	42492	1.58	cps
Yttrium	89-1	4702062	4626037	4716114	4681404	1.04	cps
Yttrium	89-2	716285	722834	725114	721411	0.64	cps
Zinc	66-1	2959	2767	2892	2873	3.39	cps
Zirconium	91-1	1458	1275	1517	1417	8.90	cps
Zirconium	90-1	6994	6218	6427	6546	6.13	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:37:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4827664	4806186	4855458	4829769	0.51	cps
Antimony	121-1	201817	196464	202178	200153	1.60	cps
Arsenic	75-1	60790	60539	60121	60484	0.56	cps
Barium	135-1	201423	198643	199659	199908	0.70	cps
Barium	137-1	344040	338547	343718	342102	0.90	cps
Beryllium	9-1	30604	30882	30870	30785	0.51	cps
Bismuth	209-1	1780604	1814862	1787884	1794450	1.01	cps
Bismuth	209-2	1325597	1337166	1330821	1331195	0.44	cps
Boron	11-1	10664	11516	12421	11534	7.62	cps
Boron	10-1	2068	2286	2510	2288	9.66	cps
Bromine	81-1	2709	2925	3217	2950	8.65	cps
Cadmium	106-1	5685	5526	5668	5626	1.55	cps
Cadmium	108-1	3371	2992	3267	3210	6.10	cps
Cadmium	111-1	47387	46342	47799	47176	1.59	cps
Calcium	43-1	56880	56470	55156	56169	1.60	cps
Calcium	44-1	985782	960474	975766	974007	1.31	cps
Chromium	52-1	381199	376766	384663	380876	1.04	cps
Cobalt	59-1	425225	418448	417781	420485	0.98	cps
Copper	63-1	470043	467426	462298	466589	0.84	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Erbium	164-1	25	17	25	22	21.64	cps
Gadolinium	160-1	100	8	75	61	77.54	cps
Holmium	165-1	3248877	3274009	3294823	3272570	0.70	cps
Holmium	165-2	2040701	2026268	2042296	2036422	0.43	cps
Indium	115-1	3469043	3464495	3445597	3459712	0.36	cps
Indium	115-2	760046	748380	751949	753459	0.79	cps
Iron	54-1	1496882	1499304	1507810	1501332	0.38	cps
Iron	56-1	22798466	22951236	23232629	22994110	0.96	cps
Iron	57-1	545527	550040	543102	546223	0.64	cps
Krypton	83-1	990	993	957	980	2.07	cps
Lead	206-1	89227	89351	90603	89727	0.85	cps
Lead	207-1	77206	76290	77257	76918	0.71	cps
Lead	208-1	356081	353395	355493	354990	0.40	cps
Lithium	6-1	689073	695105	694897	693025	0.49	cps
Magnesium	24-1	18054843	18044611	18080831	18060095	0.10	cps
Manganese	55-1	963794	977655	997154	979534	1.71	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:37:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	393796	392714	398975	395162	0.85	cps
Molybdenum	95-1	492850	484436	490525	489271	0.89	cps
Molybdenum	96-1	540330	534018	543698	539349	0.91	cps
Molybdenum	97-1	307052	301794	303940	304262	0.87	cps
Molybdenum	98-1	790231	782904	799199	790778	1.03	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Nickel	60-1	99792	95923	96342	97352	2.18	cps
Phosphorus	31-1	301051	301833	299717	300867	0.36	cps
Potassium	39-1	19392162	19120343	19193826	19235444	0.73	cps
Rhodium	103-1	3458419	3506812	3490242	3485158	0.71	cps
Rhodium	103-2	1961935	1984301	1938733	1961656	1.16	cps
Scandium	45-1	2419690	2364343	2390142	2391392	1.16	cps
Scandium	45-2	108073	104188	105276	105846	1.89	cps
Selenium	82-1	3550	3658	3780	3663	3.15	cps
Selenium	77-1	2175	2584	2367	2375	8.60	cps
Selenium	78-1	73023	74238	74925	74062	1.30	cps
Silicon	28-1	744651	758241	746996	749963	0.97	cps
Silver	109-1	232797	224509	226041	227782	1.94	cps
Silver	107-1	239586	235869	238181	237879	0.79	cps
Sodium	23-1	25952541	26009265	26031715	25997840	0.16	cps
Strontium	86-1	64064	60197	62817	62359	3.17	cps
Strontium	88-1	537004	528988	527368	531120	0.97	cps
Sulfur	34-1	456095	455952	454098	455382	0.24	cps
Terbium	159-1	3464331	3479596	3481398	3475109	0.27	cps
Terbium	159-2	2064944	2014423	2043495	2040954	1.24	cps
Thallium	205-1	258764	262427	263151	261447	0.90	cps
Thallium	203-1	111300	110308	110870	110826	0.45	cps
Tin	118-1	142916	140187	141132	141412	0.98	cps
Titanium	47-1	146024	143051	145255	144777	1.07	cps
Uranium	238-1	303507	299874	301593	301658	0.60	cps
Vanadium	51-1	420456	414525	418424	417802	0.72	cps
Yttrium	89-1	4944095	4873361	4892169	4903209	0.75	cps
Yttrium	89-2	757513	752842	742779	751045	1.00	cps
Zinc	66-1	124496	126940	122983	124806	1.60	cps
Zirconium	91-1	70814	69783	72061	70886	1.61	cps
Zirconium	90-1	316660	322790	330615	323355	2.16	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:40:03	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	12204567	12279076	12096761	12193468	0.75	cps
Antimony	121-1	517387	524190	510382	517320	1.33	cps
Arsenic	75-1	158225	155818	155258	156434	1.01	cps
Barium	135-1	523779	514435	506510	514908	1.68	cps
Barium	137-1	900254	889476	885399	891710	0.86	cps
Beryllium	9-1	78188	78208	77639	78012	0.41	cps
Bismuth	209-1	1828518	1841441	1842481	1837480	0.42	cps
Bismuth	209-2	1362537	1345221	1364611	1357456	0.78	cps
Boron	11-1	26382	29596	31477	29152	8.84	cps
Boron	10-1	5316	6012	6462	5930	9.74	cps
Bromine	81-1	3250	3209	3517	3325	5.03	cps
Cadmium	106-1	13565	13357	13173	13365	1.47	cps
Cadmium	108-1	8515	8569	8336	8474	1.44	cps
Cadmium	111-1	121796	119456	118096	119783	1.56	cps
Calcium	43-1	145895	147503	143328	145575	1.45	cps
Calcium	44-1	2335931	2358858	2307821	2334203	1.10	cps
Chromium	52-1	948874	957111	938195	948060	1.00	cps
Cobalt	59-1	1087014	1078551	1091924	1085830	0.62	cps
Copper	63-1	1201788	1195189	1178829	1191935	0.99	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Erbium	164-1	8	8	25	14	69.31	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Holmium	165-1	3355035	3270898	3293037	3306323	1.32	cps
Holmium	165-2	2100232	2076209	2082076	2086172	0.60	cps
Indium	115-1	3506327	3472739	3439963	3473009	0.96	cps
Indium	115-2	771654	762728	774674	769685	0.81	cps
Iron	54-1	3293929	3315086	3275128	3294714	0.61	cps
Iron	56-1	53327585	53820632	52248115	53132111	1.51	cps
Iron	57-1	1298915	1309129	1287177	1298407	0.85	cps
Krypton	83-1	993	900	973	956	5.14	cps
Lead	206-1	231461	230082	228994	230179	0.54	cps
Lead	207-1	202469	199983	198340	200264	1.04	cps
Lead	208-1	925707	918451	902843	915667	1.28	cps
Lithium	6-1	706544	708748	700821	705371	0.58	cps
Magnesium	24-1	46181451	45788330	45011559	45660447	1.30	cps
Manganese	55-1	2424265	2439009	2379762	2414345	1.28	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:40:03	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1025339	1029518	998023	1017626	1.68	cps
Molybdenum	95-1	1270774	1259176	1257486	1262479	0.57	cps
Molybdenum	96-1	1416214	1386430	1389296	1397313	1.18	cps
Molybdenum	97-1	784095	779172	775137	779468	0.58	cps
Molybdenum	98-1	2018310	2043215	1959630	2007051	2.14	cps
Neodymium	150-1	33	7	40	27	66.13	cps
Nickel	60-1	250034	244851	245904	246929	1.11	cps
Phosphorus	31-1	723875	721693	713003	719524	0.80	cps
Potassium	39-1	42630866	42379388	41998275	42336176	0.75	cps
Rhodium	103-1	3514217	3502309	3413561	3476696	1.58	cps
Rhodium	103-2	2014142	1973120	2032399	2006554	1.51	cps
Scandium	45-1	2451226	2442417	2415221	2436288	0.77	cps
Scandium	45-2	108473	107939	107979	108130	0.28	cps
Selenium	82-1	8795	8774	8569	8713	1.43	cps
Selenium	77-1	6243	6160	6460	6288	2.46	cps
Selenium	78-1	86617	86416	85996	86343	0.37	cps
Silicon	28-1	864832	891080	910689	888867	2.59	cps
Silver	109-1	593205	586584	590319	590036	0.56	cps
Silver	107-1	626159	616871	611309	618113	1.21	cps
Sodium	23-1	65174058	64841291	64947526	64987625	0.26	cps
Strontium	86-1	161105	163122	158467	160898	1.45	cps
Strontium	88-1	1381321	1364698	1353374	1366464	1.03	cps
Sulfur	34-1	479891	473652	472323	475288	0.85	cps
Terbium	159-1	3552863	3593848	3494675	3547129	1.40	cps
Terbium	159-2	2090148	2087809	2062361	2080106	0.74	cps
Thallium	205-1	678525	679374	671123	676341	0.67	cps
Thallium	203-1	290413	283698	286500	286871	1.18	cps
Tin	118-1	370221	367046	362242	366503	1.10	cps
Titanium	47-1	372750	371834	367602	370729	0.74	cps
Uranium	238-1	791056	773077	774059	779397	1.30	cps
Vanadium	51-1	1069614	1061003	1052188	1060935	0.82	cps
Yttrium	89-1	4973866	5033407	4912520	4973265	1.22	cps
Yttrium	89-2	771518	764914	779331	771921	0.93	cps
Zinc	66-1	305458	311011	302152	306207	1.46	cps
Zirconium	91-1	184502	180450	180755	181902	1.24	cps
Zirconium	90-1	842911	825682	814777	827790	1.71	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:43:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	25453474	25387643	25234056	25358391	0.44	cps
Antimony	121-1	1064530	1077488	1066509	1069509	0.65	cps
Arsenic	75-1	320033	325984	326454	324157	1.10	cps
Barium	135-1	1071029	1063355	1094307	1076230	1.50	cps
Barium	137-1	1813603	1799350	1864838	1825930	1.89	cps
Beryllium	9-1	163304	163537	165607	164149	0.77	cps
Bismuth	209-1	1809463	1647582	1819582	1758876	5.49	cps
Bismuth	209-2	1352538	1361760	1342086	1352128	0.73	cps
Boron	11-1	55274	61620	65030	60641	8.16	cps
Boron	10-1	11058	12419	13181	12219	8.80	cps
Bromine	81-1	3259	3017	3242	3173	4.26	cps
Cadmium	106-1	26159	26568	27411	26712	2.39	cps
Cadmium	108-1	16885	17941	17891	17572	3.39	cps
Cadmium	111-1	245523	244847	250162	246844	1.17	cps
Calcium	43-1	299844	303508	301156	301503	0.62	cps
Calcium	44-1	4782202	4838175	4834793	4818390	0.65	cps
Chromium	52-1	1914942	1923412	1966909	1935088	1.44	cps
Cobalt	59-1	2202670	2258665	2226013	2229116	1.26	cps
Copper	63-1	2420379	2470412	2451591	2447461	1.03	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Erbium	164-1	8	0	8	6	86.60	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Holmium	165-1	3364354	3117314	3393244	3291637	4.61	cps
Holmium	165-2	2092988	2086740	2084213	2087980	0.22	cps
Indium	115-1	3520463	3222278	3494904	3412548	4.84	cps
Indium	115-2	774127	757428	762721	764759	1.12	cps
Iron	54-1	6427684	6595407	6557464	6526852	1.35	cps
Iron	56-1	106418927	108630307	107206527	107418587	1.04	cps
Iron	57-1	2575353	2637852	2626012	2613072	1.27	cps
Krypton	83-1	997	1067	900	988	8.47	cps
Lead	206-1	472598	472017	477334	473983	0.62	cps
Lead	207-1	409642	412270	415528	412480	0.71	cps
Lead	208-1	1881443	1878071	1907767	1889094	0.86	cps
Lithium	6-1	690434	642774	705870	679693	4.84	cps
Magnesium	24-1	94986779	95713054	96148577	95616137	0.61	cps
Manganese	55-1	4911887	5000680	4996069	4969545	1.01	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:43:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2088615	2097817	2110770	2099068	0.53	cps
Molybdenum	95-1	2636624	2664725	2679427	2660259	0.82	cps
Molybdenum	96-1	2905931	2927937	2923471	2919113	0.40	cps
Molybdenum	97-1	1633939	1612087	1646129	1630718	1.06	cps
Molybdenum	98-1	4140528	4200070	4279750	4206783	1.66	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Nickel	60-1	511322	519717	513015	514685	0.86	cps
Phosphorus	31-1	1450575	1449823	1493470	1464623	1.71	cps
Potassium	39-1	83132373	82583037	84667819	83461076	1.29	cps
Rhodium	103-1	3447398	3169167	3551083	3389216	5.83	cps
Rhodium	103-2	2021391	1998065	2005634	2008363	0.59	cps
Scandium	45-1	2478984	2302972	2516544	2432833	4.69	cps
Scandium	45-2	110303	108493	108160	108985	1.06	cps
Selenium	82-1	17016	17378	17340	17245	1.15	cps
Selenium	77-1	12890	12923	13115	12976	0.94	cps
Selenium	78-1	108164	108341	110188	108898	1.03	cps
Silicon	28-1	1160202	1176275	1201414	1179297	1.76	cps
Silver	109-1	1206809	1213280	1219816	1213302	0.54	cps
Silver	107-1	1280043	1274383	1283636	1279354	0.36	cps
Sodium	23-1	134727278	134885541	134716278	134776366	0.07	cps
Strontium	86-1	332759	330769	336541	333356	0.88	cps
Strontium	88-1	2824655	2804466	2832620	2820580	0.51	cps
Sulfur	34-1	507313	513349	519022	513228	1.14	cps
Terbium	159-1	3550806	3262618	3510518	3441314	4.53	cps
Terbium	159-2	2093483	2104686	2066022	2088064	0.95	cps
Thallium	205-1	1396945	1383905	1400912	1393921	0.64	cps
Thallium	203-1	598037	594500	605052	599196	0.90	cps
Tin	118-1	752122	749657	757123	752967	0.51	cps
Titanium	47-1	769224	779027	785185	777812	1.03	cps
Uranium	238-1	1595906	1587710	1641935	1608517	1.82	cps
Vanadium	51-1	2146823	2138863	2179844	2155176	1.01	cps
Yttrium	89-1	5074386	4630686	5019539	4908203	4.93	cps
Yttrium	89-2	782967	771719	775360	776682	0.74	cps
Zinc	66-1	624580	633833	637587	632000	1.06	cps
Zirconium	91-1	376915	386120	383331	382122	1.24	cps
Zirconium	90-1	1701928	1733577	1738532	1724679	1.15	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 13:46:02 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	50054317	48928073	49453505	49478632	1.14	cps
Antimony	121-1	1994556	2089061	2085788	2056468	2.61	cps
Arsenic	75-1	626738	625640	622183	624854	0.38	cps
Barium	135-1	2075378	2116939	2050472	2080930	1.61	cps
Barium	137-1	3523295	3518751	3525331	3522459	0.10	cps
Beryllium	9-1	317506	315300	315950	316252	0.36	cps
Bismuth	209-1	1840357	1806157	1843907	1830140	1.14	cps
Bismuth	209-2	1350979	1358126	1352300	1353801	0.28	cps
Boron	11-1	104977	119260	127248	117162	9.63	cps
Boron	10-1	21047	24361	25685	23698	10.08	cps
Bromine	81-1	3109	3267	3534	3303	6.50	cps
Cadmium	106-1	48335	50033	49188	49186	1.73	cps
Cadmium	108-1	34080	33136	33624	33613	1.40	cps
Cadmium	111-1	472066	473680	465547	470431	0.92	cps
Calcium	43-1	582773	579368	583671	581937	0.39	cps
Calcium	44-1	9111713	9165466	9260034	9179071	0.82	cps
Chromium	52-1	3637912	3723971	3653141	3671675	1.25	cps
Cobalt	59-1	4313247	4171841	4202792	4229293	1.76	cps
Copper	63-1	4670305	4769465	4772373	4737381	1.23	cps
Dysprosium	156-1	33	50	0	28	91.65	cps
Erbium	164-1	25	0	25	17	86.60	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Holmium	165-1	3421182	3342843	3404059	3389361	1.22	cps
Holmium	165-2	2067105	2114304	2093545	2091652	1.13	cps
Indium	115-1	3460879	3547320	3463791	3490663	1.41	cps
Indium	115-2	756016	764400	752894	757770	0.79	cps
Iron	54-1	12290984	12512033	12341954	12381657	0.93	cps
Iron	56-1	207508255	208710742	205158609	207125869	0.87	cps
Iron	57-1	4992624	4948517	4946883	4962675	0.52	cps
Krypton	83-1	1090	1067	980	1046	5.54	cps
Lead	206-1	898212	912788	910120	907040	0.86	cps
Lead	207-1	797059	791680	797302	795347	0.40	cps
Lead	208-1	3691860	3665982	3679649	3679164	0.35	cps
Lithium	6-1	712715	709332	707323	709790	0.38	cps
Magnesium	24-1	183110596	184443212	182248458	183267422	0.60	cps
Manganese	55-1	9565534	9712931	9562265	9613577	0.90	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:46:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3975685	4076921	4000300	4017635	1.31	cps
Molybdenum	95-1	4987713	5092141	4948432	5009429	1.48	cps
Molybdenum	96-1	5535732	5549022	5518037	5534264	0.28	cps
Molybdenum	97-1	3101229	3112600	3051343	3088390	1.06	cps
Molybdenum	98-1	7825928	7891080	7803098	7840036	0.58	cps
Neodymium	150-1	107	107	73	96	20.14	cps
Nickel	60-1	987717	972391	980504	980204	0.78	cps
Phosphorus	31-1	2797256	2792701	2744803	2778253	1.05	cps
Potassium	39-1	155014791	156513762	157641374	156389976	0.84	cps
Rhodium	103-1	3462208	3458847	3441500	3454185	0.32	cps
Rhodium	103-2	2002129	1978454	1961479	1980687	1.03	cps
Scandium	45-1	2481742	2510729	2510494	2500988	0.67	cps
Scandium	45-2	108183	108657	108482	108441	0.22	cps
Selenium	82-1	32456	32930	32591	32659	0.75	cps
Selenium	77-1	25373	24664	25323	25120	1.58	cps
Selenium	78-1	149523	150508	149918	149983	0.33	cps
Silicon	28-1	1666897	1677112	1699452	1681154	0.99	cps
Silver	109-1	2303649	2337314	2337915	2326293	0.84	cps
Silver	107-1	2443550	2489199	2479468	2470739	0.97	cps
Sodium	23-1	257430747	261770731	266876806	262026095	1.80	cps
Strontium	86-1	641321	641381	640649	641117	0.06	cps
Strontium	88-1	5411345	5429673	5512607	5451208	0.99	cps
Sulfur	34-1	591030	579161	579912	583367	1.14	cps
Terbium	159-1	3595599	3611647	3614469	3607238	0.28	cps
Terbium	159-2	2072980	2087406	2074298	2078228	0.38	cps
Thallium	205-1	2645996	2693911	2629938	2656615	1.25	cps
Thallium	203-1	1154361	1148683	1135391	1146145	0.85	cps
Tin	118-1	1434413	1464619	1452635	1450555	1.05	cps
Titanium	47-1	1497025	1501098	1531218	1509781	1.24	cps
Uranium	238-1	3116753	3128947	3079828	3108510	0.82	cps
Vanadium	51-1	4113678	4199281	4186160	4166373	1.11	cps
Yttrium	89-1	5038010	5127857	5050028	5071965	0.96	cps
Yttrium	89-2	773775	764336	762097	766736	0.81	cps
Zinc	66-1	1212205	1231516	1215174	1219632	0.85	cps
Zirconium	91-1	731876	738283	735678	735279	0.44	cps
Zirconium	90-1	3274541	3307576	3315443	3299187	0.66	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 13:49:00 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	102145921	103488471	102234446	102622946	0.73	cps
Antimony	121-1	4196979	4276763	4179214	4217652	1.23	cps
Arsenic	75-1	1294564	1292390	1301942	1296299	0.39	cps
Barium	135-1	4249308	4255813	4214943	4240021	0.52	cps
Barium	137-1	7247435	7256994	7228317	7244249	0.20	cps
Beryllium	9-1	648123	649703	649232	649019	0.12	cps
Bismuth	209-1	1831822	1864325	1896281	1864143	1.73	cps
Bismuth	209-2	1392261	1380216	1366817	1379765	0.92	cps
Boron	11-1	224190	253839	265704	247911	8.63	cps
Boron	10-1	45124	50885	53283	49764	8.43	cps
Bromine	81-1	3350	3084	3250	3228	4.17	cps
Cadmium	106-1	102647	101842	101555	102015	0.55	cps
Cadmium	108-1	70169	68975	69784	69643	0.87	cps
Cadmium	111-1	974482	974103	970862	973149	0.20	cps
Calcium	43-1	1169200	1176358	1158462	1168007	0.77	cps
Calcium	44-1	19103766	19073292	18934490	19037183	0.47	cps
Chromium	52-1	7551353	7622819	7653914	7609362	0.69	cps
Cobalt	59-1	8658933	8758833	8743479	8720415	0.62	cps
Copper	63-1	9628237	9675039	9811793	9705023	0.98	cps
Dysprosium	156-1	67	83	67	72	13.33	cps
Erbium	164-1	25	8	8	14	69.31	cps
Gadolinium	160-1	42	83	67	64	32.83	cps
Holmium	165-1	3541097	3519281	3495951	3518776	0.64	cps
Holmium	165-2	2209510	2217677	2175194	2200794	1.02	cps
Indium	115-1	3680977	3570211	3592947	3614712	1.62	cps
Indium	115-2	777698	767722	771423	772281	0.65	cps
Iron	54-1	25074652	25289003	25670736	25344797	1.19	cps
Iron	56-1	420565276	419999368	431278310	423947651	1.50	cps
Iron	57-1	10318385	10258825	10392480	10323230	0.65	cps
Krypton	83-1	1040	1003	1010	1018	1.92	cps
Lead	206-1	1964242	1922540	1921606	1936129	1.26	cps
Lead	207-1	1635904	1668324	1646045	1650091	1.01	cps
Lead	208-1	7644185	7664385	7706960	7671843	0.42	cps
Lithium	6-1	737133	735302	736172	736203	0.12	cps
Magnesium	24-1	383009075	382020417	380046625	381692039	0.40	cps
Manganese	55-1	19773237	19649206	20092952	19838465	1.15	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:49:00	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8425344	8230494	8230312	8295384	1.36	cps
Molybdenum	95-1	10541472	10438070	10523738	10501094	0.53	cps
Molybdenum	96-1	11639007	11638620	11598286	11625304	0.20	cps
Molybdenum	97-1	6420036	6426257	6377303	6407865	0.42	cps
Molybdenum	98-1	16688929	16768224	16509061	16655405	0.80	cps
Neodymium	150-1	133	160	100	131	22.93	cps
Nickel	60-1	1986762	1997845	2015212	1999940	0.72	cps
Phosphorus	31-1	5637034	5716169	5681655	5678286	0.70	cps
Potassium	39-1	322698199	325150249	320249832	322699427	0.76	cps
Rhodium	103-1	3576359	3612876	3514899	3568044	1.39	cps
Rhodium	103-2	2055758	2017918	1993714	2022463	1.55	cps
Scandium	45-1	2573107	2596252	2579262	2582874	0.46	cps
Scandium	45-2	115499	112009	111720	113076	1.86	cps
Selenium	82-1	67748	67274	67957	67660	0.52	cps
Selenium	77-1	52850	51578	52423	52284	1.24	cps
Selenium	78-1	234338	234997	238228	235854	0.88	cps
Silicon	28-1	2629212	2678558	2659545	2655772	0.94	cps
Silver	109-1	4728018	4675743	4803355	4735706	1.35	cps
Silver	107-1	5046769	4997740	5044208	5029572	0.55	cps
Sodium	23-1	526864845	532668995	540232929	533255590	1.26	cps
Strontium	86-1	1318415	1328498	1318986	1321966	0.43	cps
Strontium	88-1	11139030	11276049	11399093	11271391	1.15	cps
Sulfur	34-1	754414	754774	738990	749393	1.20	cps
Terbium	159-1	3743017	3727395	3712265	3727559	0.41	cps
Terbium	159-2	2153751	2210257	2168335	2177448	1.35	cps
Thallium	205-1	5500265	5469255	5529080	5499533	0.54	cps
Thallium	203-1	2377997	2378939	2377793	2378243	0.03	cps
Tin	118-1	2999176	2969800	2936574	2968517	1.06	cps
Titanium	47-1	3046589	3060546	3037315	3048150	0.38	cps
Uranium	238-1	6362835	6363359	6366791	6364328	0.03	cps
Vanadium	51-1	8508235	8651119	8664716	8608023	1.01	cps
Yttrium	89-1	5233422	5207260	5291266	5243983	0.82	cps
Yttrium	89-2	810690	793219	788721	797543	1.46	cps
Zinc	66-1	2458478	2487673	2555830	2500660	2.00	cps
Zirconium	91-1	1532310	1531784	1507143	1523746	0.94	cps
Zirconium	90-1	6810875	6841322	6705680	6785959	1.05	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:52:01	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	470033727	490540761	479348044	479974177	2.14	cps
Antimony	121-1	2384	2300	2542	2409	5.10	cps
Arsenic	75-1	720	670	757	716	6.08	cps
Barium	135-1	7727	7619	7986	7777	2.42	cps
Barium	137-1	13223	13349	13866	13479	2.53	cps
Beryllium	9-1	166	174	144	161	9.63	cps
Bismuth	209-1	1711432	1684417	1683218	1693022	0.94	cps
Bismuth	209-2	1232754	1234080	1240109	1235648	0.32	cps
Boron	11-1	46305	41446	37506	41752	10.56	cps
Boron	10-1	9257	8505	7709	8490	9.12	cps
Bromine	81-1	3434	3309	3634	3459	4.74	cps
Cadmium	106-1	1183	933	1133	1083	12.21	cps
Cadmium	108-1	29	71	42	47	45.27	cps
Cadmium	111-1	1212	900	1118	1077	14.89	cps
Calcium	43-1	5267847	5255595	5402769	5308737	1.54	cps
Calcium	44-1	85988198	85819098	87558706	86455334	1.11	cps
Chromium	52-1	137736	138510	138786	138344	0.39	cps
Cobalt	59-1	15576	15133	15976	15562	2.71	cps
Copper	63-1	60948	65376	67519	64615	5.19	cps
Dysprosium	156-1	133	200	192	175	20.76	cps
Erbium	164-1	17	33	42	31	41.66	cps
Gadolinium	160-1	217	150	242	203	23.37	cps
Holmium	165-1	3288293	3313646	3304464	3302135	0.39	cps
Holmium	165-2	2063731	2034442	2077160	2058445	1.06	cps
Indium	115-1	3579228	3659386	3731162	3656592	2.08	cps
Indium	115-2	778104	774066	771397	774522	0.44	cps
Iron	54-1	111142332	114757432	113548823	113149529	1.63	cps
Iron	56-1	1888382776	1940735910	1942810243	1923976310	1.60	cps
Iron	57-1	47131099	46807581	47074048	47004243	0.37	cps
Krypton	83-1	990	1017	907	971	5.91	cps
Lead	206-1	8103	8103	7825	8010	2.00	cps
Lead	207-1	7475	7313	6946	7245	3.74	cps
Lead	208-1	33317	32794	32278	32797	1.58	cps
Lithium	6-1	673665	671196	675479	673447	0.32	cps
Magnesium	24-1	1752751839	1781772306	1790995773	1775173306	1.12	cps
Manganese	55-1	111282	112978	111988	112082	0.76	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 13:52:01	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4367	4117	4001	4162	4.50	cps
Molybdenum	95-1	5993	6235	6468	6232	3.81	cps
Molybdenum	96-1	8144	8028	7844	8005	1.89	cps
Molybdenum	97-1	3776	4159	3559	3831	7.93	cps
Molybdenum	98-1	9712	9837	9087	9545	4.21	cps
Neodymium	150-1	33	40	53	42	24.12	cps
Nickel	60-1	23395	24096	24255	23915	1.91	cps
Phosphorus	31-1	33431	34784	35394	34536	2.91	cps
Potassium	39-1	1434144165	1480537433	1470174000	1461618533	1.67	cps
Rhodium	103-1	3289247	3292482	3288232	3289987	0.07	cps
Rhodium	103-2	1869933	1870656	1887688	1876092	0.54	cps
Scandium	45-1	2424317	2460675	2471836	2452276	1.01	cps
Scandium	45-2	103815	104191	103063	103689	0.55	cps
Selenium	82-1	546	484	533	521	6.23	cps
Selenium	77-1	67	150	75	97	47.21	cps
Selenium	78-1	70452	70243	70561	70418	0.23	cps
Silicon	28-1	712717	698255	683589	698187	2.09	cps
Silver	109-1	1358	1408	1358	1375	2.10	cps
Silver	107-1	1300	1350	1617	1422	11.97	cps
Sodium	23-1	2391473987	2466167322	2481112455	2446251255	1.96	cps
Strontium	86-1	4017	4092	3717	3942	5.03	cps
Strontium	88-1	22402	22243	22861	22502	1.43	cps
Sulfur	34-1	410579	407734	414153	410822	0.78	cps
Terbium	159-1	3512592	3455457	3503021	3490357	0.88	cps
Terbium	159-2	2071130	2088395	2043952	2067826	1.08	cps
Thallium	205-1	3100	2900	2417	2806	12.52	cps
Thallium	203-1	1325	1450	1092	1289	14.11	cps
Tin	118-1	1942	1825	1934	1900	3.43	cps
Titanium	47-1	1558	1183	1308	1350	14.14	cps
Uranium	238-1	908	942	942	931	2.07	cps
Vanadium	51-1	3292	3209	3334	3278	1.94	cps
Yttrium	89-1	4999156	5052505	5081542	5044401	0.83	cps
Yttrium	89-2	759174	763202	755968	759448	0.48	cps
Zinc	66-1	39849	39272	39857	39659	0.85	cps
Zirconium	91-1	633	500	542	558	12.22	cps
Zirconium	90-1	2175	2217	2075	2156	3.38	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:02:23	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2352353	2342256	2346293	2346967	0.22	cps
Antimony	121-1	744805	761248	763453	756502	1.35	cps
Arsenic	75-1	230425	236338	233591	233451	1.27	cps
Barium	135-1	77505	78712	76600	77606	1.37	cps
Barium	137-1	134582	135305	134153	134680	0.43	cps
Beryllium	9-1	59108	60230	59178	59505	1.06	cps
Bismuth	209-1	1746582	1778210	1751390	1758728	0.97	cps
Bismuth	209-2	1321276	1312774	1322983	1319011	0.41	cps
Boron	11-1	176457	182092	181478	180009	1.72	cps
Boron	10-1	35411	36772	37041	36408	2.40	cps
Bromine	81-1	3125	3009	2892	3009	3.88	cps
Cadmium	106-1	13799	14383	14650	14277	3.05	cps
Cadmium	108-1	8415	8357	8257	8343	0.96	cps
Cadmium	111-1	91127	92519	93955	92534	1.53	cps
Calcium	43-1	23645	24613	23553	23937	2.45	cps
Calcium	44-1	415560	432413	421489	423154	2.02	cps
Chromium	52-1	702238	705444	710768	706150	0.61	cps
Cobalt	59-1	812574	828666	824185	821808	1.01	cps
Copper	63-1	450817	457498	445188	451167	1.37	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Gadolinium	160-1	25	33	58	39	44.62	cps
Holmium	165-1	3198510	3239524	3200839	3212958	0.72	cps
Holmium	165-2	2032765	2021073	1992766	2015535	1.02	cps
Indium	115-1	3353201	3394056	3381100	3376119	0.62	cps
Indium	115-2	734613	728166	726799	729859	0.57	cps
Iron	54-1	1193899	1202667	1202711	1199759	0.42	cps
Iron	56-1	17666769	17911052	17785414	17787745	0.69	cps
Iron	57-1	412005	420103	417664	416591	1.00	cps
Krypton	83-1	973	997	1017	996	2.18	cps
Lead	206-1	354440	365735	360967	360381	1.57	cps
Lead	207-1	297347	303112	300287	300248	0.96	cps
Lead	208-1	1383734	1409858	1404848	1399480	0.99	cps
Lithium	6-1	699881	705255	707617	704251	0.56	cps
Magnesium	24-1	4053142	4115671	3963049	4043954	1.90	cps
Manganese	55-1	931500	947427	925596	934841	1.21	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:02:23	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3668227	3714980	3818600	3733936	2.06	cps
Molybdenum	95-1	4535162	4697141	4691720	4641341	1.98	cps
Molybdenum	96-1	5014874	5102142	5172241	5096419	1.55	cps
Molybdenum	97-1	2794760	2889641	2932069	2872157	2.45	cps
Molybdenum	98-1	7281126	7422930	7386926	7363661	1.00	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Nickel	60-1	185632	187864	181194	184896	1.84	cps
Phosphorus	31-1	30132	30441	30867	30480	1.21	cps
Potassium	39-1	15757611	15959997	15721557	15813055	0.81	cps
Rhodium	103-1	3380279	3437869	3422647	3413598	0.87	cps
Rhodium	103-2	1967779	1937548	1908430	1937919	1.53	cps
Scandium	45-1	2413718	2412189	2357548	2394485	1.34	cps
Scandium	45-2	105101	105232	105175	105169	0.06	cps
Selenium	82-1	12529	13066	12678	12758	2.17	cps
Selenium	77-1	9395	9804	9595	9598	2.13	cps
Selenium	78-1	95860	97689	98393	97314	1.34	cps
Silicon	28-1	1539831	1601361	1635584	1592259	3.05	cps
Silver	109-1	212615	214019	214679	213771	0.49	cps
Silver	107-1	219804	226760	226590	224384	1.77	cps
Sodium	23-1	10144091	10506194	10527777	10392687	2.07	cps
Strontium	86-1	571692	578893	576508	575698	0.64	cps
Strontium	88-1	4836944	4934877	5028837	4933553	1.94	cps
Sulfur	34-1	434836	433751	429605	432731	0.64	cps
Terbium	159-1	3357712	3448539	3428344	3411531	1.40	cps
Terbium	159-2	2052924	1970534	2013674	2012377	2.05	cps
Thallium	205-1	1024871	1038892	1038999	1034254	0.79	cps
Thallium	203-1	428983	446436	438885	438101	2.00	cps
Tin	118-1	1305811	1313356	1322512	1313893	0.64	cps
Titanium	47-1	1349628	1406851	1380078	1378852	2.08	cps
Uranium	238-1	2779117	2794400	2828163	2800560	0.90	cps
Vanadium	51-1	774234	791609	787950	784598	1.17	cps
Yttrium	89-1	4831206	4904615	4925150	4886990	1.01	cps
Yttrium	89-2	740167	729840	739610	736539	0.79	cps
Zinc	66-1	222308	226475	222664	223816	1.03	cps
Zirconium	91-1	685859	696745	701625	694743	1.16	cps
Zirconium	90-1	3073958	3144976	3145412	3121449	1.32	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:05:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6452	6410	6785	6549	3.14	cps
Antimony	121-1	92	100	50	81	33.25	cps
Arsenic	75-1	87	60	50	66	28.92	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	17	33	25	25	33.32	cps
Beryllium	9-1	52	74	42	56	29.24	cps
Bismuth	209-1	1782653	1783066	1763189	1776303	0.64	cps
Bismuth	209-2	1300385	1299935	1304882	1301734	0.21	cps
Boron	11-1	8637	8537	8347	8507	1.73	cps
Boron	10-1	1716	1776	1584	1692	5.81	cps
Bromine	81-1	3109	2817	3000	2975	4.96	cps
Cadmium	106-1	1042	967	933	981	5.66	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	773	690	664	709	8.03	cps
Calcium	43-1	508	492	392	464	13.60	cps
Calcium	44-1	57013	57189	56738	56980	0.40	cps
Chromium	52-1	13623	13774	13673	13690	0.56	cps
Cobalt	59-1	308	308	275	297	6.48	cps
Copper	63-1	1592	1283	1383	1420	11.08	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Erbium	164-1	25	33	25	28	17.31	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Holmium	165-1	3221806	3231481	3181828	3211705	0.82	cps
Holmium	165-2	1999294	1986648	2018597	2001513	0.80	cps
Indium	115-1	3407896	3413747	3367037	3396227	0.75	cps
Indium	115-2	730688	725399	731043	729043	0.43	cps
Iron	54-1	267960	270987	265738	268228	0.98	cps
Iron	56-1	2973701	3031061	3006613	3003791	0.96	cps
Iron	57-1	41519	40357	41971	41282	2.02	cps
Krypton	83-1	997	1020	1017	1011	1.25	cps
Lead	206-1	100	106	139	115	18.32	cps
Lead	207-1	61	94	94	83	23.10	cps
Lead	208-1	417	394	489	433	11.39	cps
Lithium	6-1	704447	709778	707555	707260	0.38	cps
Magnesium	24-1	11964	12739	12789	12497	3.70	cps
Manganese	55-1	20415	21241	20507	20721	2.19	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:05:12	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	242	200	233	12.88	cps
Molybdenum	95-1	242	325	183	250	28.48	cps
Molybdenum	96-1	383	350	258	331	19.58	cps
Molybdenum	97-1	183	100	108	131	35.16	cps
Molybdenum	98-1	358	375	350	361	3.52	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Nickel	60-1	350	358	342	350	2.38	cps
Phosphorus	31-1	30642	30858	31935	31145	2.23	cps
Potassium	39-1	4668764	4691072	4633623	4664486	0.62	cps
Rhodium	103-1	3403698	3353545	3327223	3361489	1.16	cps
Rhodium	103-2	1923486	1906415	1929019	1919640	0.61	cps
Scandium	45-1	2403929	2440496	2385737	2410054	1.16	cps
Scandium	45-2	102244	101925	102714	102294	0.39	cps
Selenium	82-1	429	442	479	450	5.83	cps
Selenium	77-1	33	8	75	39	86.61	cps
Selenium	78-1	67697	67487	66968	67384	0.56	cps
Silicon	28-1	656639	662322	653902	657621	0.65	cps
Silver	109-1	25	33	33	31	15.74	cps
Silver	107-1	33	67	42	47	36.74	cps
Sodium	23-1	927737	920295	931301	926444	0.61	cps
Strontium	86-1	1650	1442	1617	1570	7.13	cps
Strontium	88-1	158	175	125	153	16.67	cps
Sulfur	34-1	432769	432130	432165	432354	0.08	cps
Terbium	159-1	3480565	3366398	3462733	3436566	1.79	cps
Terbium	159-2	2033844	2001900	1959644	1998463	1.86	cps
Thallium	205-1	725	733	767	742	2.97	cps
Thallium	203-1	400	367	392	386	4.49	cps
Tin	118-1	308	317	292	306	4.17	cps
Titanium	47-1	925	925	892	914	2.11	cps
Uranium	238-1	92	58	50	67	33.07	cps
Vanadium	51-1	617	533	650	600	10.02	cps
Yttrium	89-1	4875166	4799172	4818239	4830859	0.82	cps
Yttrium	89-2	731938	722367	728297	727534	0.66	cps
Zinc	66-1	475	442	392	436	9.62	cps
Zirconium	91-1	67	58	75	67	12.50	cps
Zirconium	90-1	267	317	275	286	9.36	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:08:03	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	428614060	434082793	428287710	430328187	0.76	cps
Antimony	121-1	4051	4251	4543	4281	5.78	cps
Arsenic	75-1	917	1230	1470	1206	23.02	cps
Barium	135-1	1100	908	950	986	10.22	cps
Barium	137-1	1675	2084	1784	1847	11.45	cps
Beryllium	9-1	216	232	246	231	6.49	cps
Bismuth	209-1	1742008	1755071	1800806	1765961	1.75	cps
Bismuth	209-2	1285357	1306545	1292331	1294744	0.83	cps
Boron	11-1	8407	8193	7801	8133	3.78	cps
Boron	10-1	1726	1538	1630	1631	5.76	cps
Bromine	81-1	3851	3526	4151	3842	8.14	cps
Cadmium	106-1	925	917	808	883	7.37	cps
Cadmium	108-1	471	563	571	535	10.38	cps
Cadmium	111-1	855	873	800	843	4.55	cps
Calcium	43-1	1065292	1077431	1079792	1074172	0.72	cps
Calcium	44-1	16869779	16890931	17266876	17009195	1.31	cps
Chromium	52-1	154682	158262	162467	158470	2.46	cps
Cobalt	59-1	10279	9929	9904	10037	2.09	cps
Copper	63-1	39481	40166	40684	40110	1.50	cps
Dysprosium	156-1	33	42	0	25	88.19	cps
Erbium	164-1	83	17	83	61	62.98	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Holmium	165-1	3275081	3311147	3321333	3302520	0.74	cps
Holmium	165-2	2076627	2046923	2097889	2073813	1.23	cps
Indium	115-1	3377878	3502052	3468183	3449371	1.86	cps
Indium	115-2	734093	743212	736581	737962	0.64	cps
Iron	54-1	44622842	44481227	45246836	44783635	0.91	cps
Iron	56-1	733682500	752706367	768645851	751678239	2.33	cps
Iron	57-1	18310709	18389005	18404673	18368129	0.27	cps
Krypton	83-1	1057	1030	1043	1043	1.28	cps
Lead	206-1	8208	8153	8559	8307	2.65	cps
Lead	207-1	6580	6418	6229	6409	2.73	cps
Lead	208-1	30676	30381	31293	30783	1.51	cps
Lithium	6-1	719988	726427	725894	724103	0.49	cps
Magnesium	24-1	343878199	343823149	339669391	342456913	0.70	cps
Manganese	55-1	86662	88818	91626	89035	2.80	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:08:03	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2095449	2176018	2110496	2127321	2.01	cps
Molybdenum	95-1	3767934	3829818	3727044	3774932	1.37	cps
Molybdenum	96-1	3996665	4076577	3933196	4002146	1.80	cps
Molybdenum	97-1	2353810	2301678	2294586	2316691	1.40	cps
Molybdenum	98-1	5899213	5944641	5817011	5886955	1.10	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Nickel	60-1	10154	10271	10437	10287	1.39	cps
Phosphorus	31-1	24544244	24853523	25108654	24835474	1.14	cps
Potassium	39-1	571532863	569308879	563462046	568101263	0.73	cps
Rhodium	103-1	3346346	3425628	3380818	3384264	1.17	cps
Rhodium	103-2	1887504	1939218	1941760	1922828	1.59	cps
Scandium	45-1	2353797	2448847	2480017	2427554	2.71	cps
Scandium	45-2	105346	108210	105960	106505	1.42	cps
Selenium	82-1	478	475	480	478	0.47	cps
Selenium	77-1	250	275	342	289	16.40	cps
Selenium	78-1	69162	69422	70376	69653	0.92	cps
Silicon	28-1	741915	747052	748593	745853	0.47	cps
Silver	109-1	108	108	142	119	16.11	cps
Silver	107-1	142	142	100	128	18.83	cps
Sodium	23-1	487787578	491778744	489147378	489571233	0.41	cps
Strontium	86-1	41070	44020	42775	42621	3.47	cps
Strontium	88-1	349026	358815	355420	354420	1.40	cps
Sulfur	34-1	1505705	1540253	1507774	1517911	1.28	cps
Terbium	159-1	3446601	3520888	3529472	3498987	1.30	cps
Terbium	159-2	2040791	2012737	2062851	2038793	1.23	cps
Thallium	205-1	1017	1500	1700	1406	25.00	cps
Thallium	203-1	467	592	692	583	19.33	cps
Tin	118-1	933	900	1067	967	9.12	cps
Titanium	47-1	1101469	1126951	1112423	1113614	1.15	cps
Uranium	238-1	192	208	183	194	6.55	cps
Vanadium	51-1	2609	2984	3792	3128	19.34	cps
Yttrium	89-1	4820579	5084952	4985548	4963693	2.69	cps
Yttrium	89-2	739001	758373	758226	751867	1.48	cps
Zinc	66-1	13223	13257	13665	13382	1.84	cps
Zirconium	91-1	117	83	133	111	22.91	cps
Zirconium	90-1	392	383	500	425	15.31	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:10:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	430750543	437339993	430275943	432788826	0.91	cps
Antimony	121-1	82272	82867	82725	82622	0.38	cps
Arsenic	75-1	25550	26321	26221	26031	1.61	cps
Barium	135-1	16919	16627	16569	16705	1.12	cps
Barium	137-1	29349	29466	30017	29611	1.20	cps
Beryllium	9-1	12569	12567	12405	12514	0.75	cps
Bismuth	209-1	1753071	1818082	1762892	1778015	1.97	cps
Bismuth	209-2	1302057	1309678	1326700	1312812	0.96	cps
Boron	11-1	20054	21463	22016	21178	4.78	cps
Boron	10-1	3984	4316	4436	4245	5.52	cps
Bromine	81-1	3784	3792	3934	3837	2.20	cps
Cadmium	106-1	3150	3200	3192	3181	0.84	cps
Cadmium	108-1	2000	1896	1967	1954	2.72	cps
Cadmium	111-1	18721	18783	18265	18590	1.52	cps
Calcium	43-1	1080732	1115308	1098399	1098146	1.57	cps
Calcium	44-1	17254772	17747991	17289842	17430868	1.58	cps
Chromium	52-1	299923	304407	298059	300796	1.08	cps
Cobalt	59-1	173955	177160	173262	174793	1.19	cps
Copper	63-1	131362	133491	134921	133258	1.34	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	8	58	25	31	83.33	cps
Gadolinium	160-1	58	75	33	56	37.75	cps
Holmium	165-1	3324002	3369625	3400148	3364592	1.14	cps
Holmium	165-2	2123540	2119560	2099857	2114319	0.60	cps
Indium	115-1	3493567	3485166	3529122	3502618	0.67	cps
Indium	115-2	752615	752812	756714	754047	0.31	cps
Iron	54-1	44808230	46085849	45287022	45393700	1.42	cps
Iron	56-1	753487367	768473734	770194951	764052017	1.20	cps
Iron	57-1	18417014	19089021	18979447	18828494	1.91	cps
Krypton	83-1	1000	943	980	974	2.95	cps
Lead	206-1	44248	44058	43228	43845	1.24	cps
Lead	207-1	35844	36056	36357	36086	0.71	cps
Lead	208-1	166563	169633	165070	167089	1.39	cps
Lithium	6-1	733609	743286	747163	741353	0.94	cps
Magnesium	24-1	347191041	347189974	346847558	347076191	0.06	cps
Manganese	55-1	271682	277203	273167	274017	1.04	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:10:52	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2256299	2383759	2321958	2320672	2.75	cps
Molybdenum	95-1	3843785	3974140	3838302	3885409	1.98	cps
Molybdenum	96-1	4053025	4170166	4147541	4123577	1.51	cps
Molybdenum	97-1	2364158	2428166	2436786	2409703	1.65	cps
Molybdenum	98-1	6173074	6193305	6131243	6165874	0.51	cps
Neodymium	150-1	40	0	13	18	114.57	cps
Nickel	60-1	47689	47781	47212	47561	0.64	cps
Phosphorus	31-1	25250301	25564262	25206273	25340279	0.77	cps
Potassium	39-1	579438013	599379497	578545513	585787674	2.01	cps
Rhodium	103-1	3408392	3459196	3434618	3434069	0.74	cps
Rhodium	103-2	1932678	1969069	2003117	1968288	1.79	cps
Scandium	45-1	2454964	2543819	2511722	2503502	1.80	cps
Scandium	45-2	108056	108137	109077	108423	0.52	cps
Selenium	82-1	1734	1890	1652	1759	6.88	cps
Selenium	77-1	1417	1400	1542	1453	5.33	cps
Selenium	78-1	73341	75561	74480	74461	1.49	cps
Silicon	28-1	865869	842589	840690	849716	1.65	cps
Silver	109-1	86110	85835	84593	85512	0.94	cps
Silver	107-1	88349	89733	89313	89132	0.80	cps
Sodium	23-1	492195894	496081111	499293861	495856956	0.72	cps
Strontium	86-1	108746	108527	108737	108670	0.11	cps
Strontium	88-1	905179	925714	912615	914503	1.14	cps
Sulfur	34-1	1521416	1529616	1494331	1515121	1.22	cps
Terbium	159-1	3631655	3599747	3550330	3593911	1.14	cps
Terbium	159-2	2049529	2080265	2108879	2079558	1.43	cps
Thallium	205-1	102654	105704	104519	104292	1.47	cps
Thallium	203-1	45681	45180	44443	45101	1.38	cps
Tin	118-1	146621	145940	144843	145801	0.62	cps
Titanium	47-1	1160651	1188430	1165220	1171434	1.27	cps
Uranium	238-1	304451	311509	299712	305224	1.94	cps
Vanadium	51-1	164725	168855	167412	166997	1.26	cps
Yttrium	89-1	5056053	5201710	5166114	5141292	1.48	cps
Yttrium	89-2	760427	773600	770560	768196	0.90	cps
Zinc	66-1	38461	37751	38169	38127	0.94	cps
Zirconium	91-1	77373	77290	78463	77709	0.84	cps
Zirconium	90-1	350883	348169	351772	350275	0.54	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:13:42	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	262130656	270410256	271071239	267870717	1.86	cps
Antimony	121-1	2050045	2124123	2101782	2091983	1.82	cps
Arsenic	75-1	636426	642251	637314	638664	0.49	cps
Barium	135-1	2084399	2147364	2195773	2142512	2.61	cps
Barium	137-1	3587264	3662443	3684910	3644872	1.40	cps
Beryllium	9-1	327858	331021	320590	326490	1.64	cps
Bismuth	209-1	1841553	1884216	1820910	1848893	1.75	cps
Bismuth	209-2	1355857	1369048	1414702	1379869	2.24	cps
Boron	11-1	108895	128928	134490	124104	10.85	cps
Boron	10-1	22150	25727	27154	25010	10.31	cps
Bromine	81-1	3367	3384	3701	3484	5.39	cps
Cadmium	106-1	49139	49858	48544	49180	1.34	cps
Cadmium	108-1	33670	33913	34727	34103	1.62	cps
Cadmium	111-1	463690	477074	472844	471203	1.45	cps
Calcium	43-1	2778334	2847036	2819791	2815054	1.23	cps
Calcium	44-1	44988040	46687929	45821886	45832618	1.85	cps
Chromium	52-1	3858533	3918319	3865306	3880719	0.84	cps
Cobalt	59-1	4309405	4452861	4382120	4381462	1.64	cps
Copper	63-1	4682114	4833198	4795912	4770408	1.65	cps
Dysprosium	156-1	150	50	108	103	48.87	cps
Erbium	164-1	33	42	17	31	41.66	cps
Gadolinium	160-1	150	133	158	147	8.65	cps
Holmium	165-1	3510762	3578830	3496019	3528537	1.25	cps
Holmium	165-2	2190233	2187869	2251143	2209748	1.62	cps
Indium	115-1	3700478	3812760	3605565	3706268	2.80	cps
Indium	115-2	809423	827287	828432	821714	1.30	cps
Iron	54-1	59289126	61475426	60604137	60456230	1.82	cps
Iron	56-1	1006667856	1022783656	1018434623	1015962045	0.82	cps
Iron	57-1	24400862	25172092	25190440	24921131	1.81	cps
Krypton	83-1	1107	983	1003	1031	6.42	cps
Lead	206-1	901998	937228	924273	921166	1.93	cps
Lead	207-1	784024	821501	813585	806370	2.45	cps
Lead	208-1	3698501	3846704	3804018	3783074	2.02	cps
Lithium	6-1	747461	762580	713130	741057	3.42	cps
Magnesium	24-1	935860321	954691921	948934888	946495710	1.02	cps
Manganese	55-1	9877869	10058422	9962594	9966295	0.91	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:13:42	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4168652	4272104	4259790	4233515	1.33	cps
Molybdenum	95-1	5239250	5362514	5235575	5279113	1.37	cps
Molybdenum	96-1	5665884	5903348	5917860	5829031	2.43	cps
Molybdenum	97-1	3190333	3356741	3294904	3280659	2.56	cps
Molybdenum	98-1	8107891	8500681	8300796	8303123	2.37	cps
Neodymium	150-1	133	53	93	93	42.86	cps
Nickel	60-1	978505	1009525	992295	993441	1.56	cps
Phosphorus	31-1	2883792	2901530	2882844	2889389	0.36	cps
Potassium	39-1	768051117	786634251	790728784	781804717	1.55	cps
Rhodium	103-1	3580005	3655640	3463731	3566459	2.71	cps
Rhodium	103-2	2009123	2035874	2128315	2057771	3.04	cps
Scandium	45-1	2627421	2658996	2545205	2610541	2.25	cps
Scandium	45-2	112059	114216	117244	114506	2.27	cps
Selenium	82-1	33162	33723	33357	33414	0.85	cps
Selenium	77-1	25849	25958	26208	26005	0.71	cps
Selenium	78-1	151081	150888	154601	152190	1.37	cps
Silicon	28-1	1722433	1776794	1788483	1762570	2.00	cps
Silver	109-1	2351593	2419129	2427240	2399320	1.73	cps
Silver	107-1	2485631	2489421	2523427	2499493	0.83	cps
Sodium	23-1	1297322962	1331163063	1288928662	1305804896	1.71	cps
Strontium	86-1	655916	662672	656906	658498	0.55	cps
Strontium	88-1	5627985	5770383	5728064	5708811	1.28	cps
Sulfur	34-1	564685	576203	573729	571539	1.06	cps
Terbium	159-1	3765898	3801528	3645764	3737730	2.18	cps
Terbium	159-2	2209704	2254308	2242709	2235574	1.04	cps
Thallium	205-1	2662533	2777833	2780266	2740211	2.46	cps
Thallium	203-1	1122552	1164714	1173399	1153555	2.36	cps
Tin	118-1	1455817	1513802	1480437	1483352	1.96	cps
Titanium	47-1	1542781	1581699	1615237	1579906	2.30	cps
Uranium	238-1	3168275	3275257	3275166	3239566	1.91	cps
Vanadium	51-1	4359878	4408819	4389571	4386090	0.56	cps
Yttrium	89-1	5401587	5544370	5198667	5381542	3.23	cps
Yttrium	89-2	799058	819474	839060	819197	2.44	cps
Zinc	66-1	1208330	1238476	1234353	1227053	1.33	cps
Zirconium	91-1	755445	758848	759340	757878	0.28	cps
Zirconium	90-1	3442722	3512055	3434237	3463005	1.23	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : CCB12 Instrumnet Name : P8
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:18:15 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8044	8369	8419	8278	2.46	cps
Antimony	121-1	75	83	58	72	17.62	cps
Arsenic	75-1	217	220	193	210	6.92	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	67	17	42	42	60.00	cps
Beryllium	9-1	50	64	68	61	15.58	cps
Bismuth	209-1	1849469	1854336	1862480	1855428	0.35	cps
Bismuth	209-2	1375042	1360334	1356474	1363950	0.72	cps
Boron	11-1	10874	10572	9871	10439	4.93	cps
Boron	10-1	2196	2106	2140	2147	2.12	cps
Bromine	81-1	3050	3259	3526	3278	7.27	cps
Cadmium	106-1	942	1025	908	958	6.27	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Cadmium	111-1	682	756	676	705	6.35	cps
Calcium	43-1	475	417	450	447	6.55	cps
Calcium	44-1	64110	63231	64553	63965	1.05	cps
Chromium	52-1	14424	14750	14449	14541	1.25	cps
Cobalt	59-1	150	300	175	208	38.58	cps
Copper	63-1	1959	1917	1800	1892	4.34	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	33	25	0	19	89.21	cps
Gadolinium	160-1	33	50	100	61	56.78	cps
Holmium	165-1	3363691	3422475	3366819	3384328	0.98	cps
Holmium	165-2	2097301	2053197	2095133	2081877	1.19	cps
Indium	115-1	3594118	3597849	3525328	3572432	1.14	cps
Indium	115-2	782057	773824	763672	773184	1.19	cps
Iron	54-1	268294	271077	269169	269513	0.53	cps
Iron	56-1	3214988	3203684	3261102	3226591	0.94	cps
Iron	57-1	40458	40675	40098	40411	0.72	cps
Krypton	83-1	1037	1080	980	1032	4.86	cps
Lead	206-1	211	150	211	191	18.50	cps
Lead	207-1	133	94	139	122	19.81	cps
Lead	208-1	694	556	622	624	11.13	cps
Lithium	6-1	724018	731269	714509	723265	1.16	cps
Magnesium	24-1	13223	14499	16493	14738	11.18	cps
Manganese	55-1	20565	19823	19923	20104	2.00	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:18:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	183	200	197	6.45	cps
Molybdenum	95-1	208	167	175	183	12.03	cps
Molybdenum	96-1	75	192	142	136	43.00	cps
Molybdenum	97-1	83	92	75	83	10.00	cps
Molybdenum	98-1	208	150	158	172	18.32	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Nickel	60-1	492	417	608	506	19.10	cps
Phosphorus	31-1	29272	29840	29957	29689	1.23	cps
Potassium	39-1	4732707	4766511	4763939	4754386	0.40	cps
Rhodium	103-1	3512251	3598383	3579102	3563245	1.27	cps
Rhodium	103-2	2024946	2040304	2015043	2026764	0.63	cps
Scandium	45-1	2525823	2491047	2455460	2490777	1.41	cps
Scandium	45-2	106854	107250	105890	106665	0.66	cps
Selenium	82-1	508	446	459	471	6.84	cps
Selenium	77-1	67	92	117	92	27.27	cps
Selenium	78-1	68994	69589	67880	68821	1.26	cps
Silicon	28-1	625431	628622	622285	625446	0.51	cps
Silver	109-1	83	58	75	72	17.62	cps
Silver	107-1	58	108	17	61	75.10	cps
Sodium	23-1	1012611	995141	994322	1000691	1.03	cps
Strontium	86-1	1708	1433	1608	1583	8.79	cps
Strontium	88-1	125	83	92	100	22.04	cps
Sulfur	34-1	413678	419578	422462	418573	1.07	cps
Terbium	159-1	3579569	3605561	3642993	3609374	0.88	cps
Terbium	159-2	2143416	2137425	2034933	2105258	2.90	cps
Thallium	205-1	750	775	875	800	8.27	cps
Thallium	203-1	408	475	267	383	27.76	cps
Tin	118-1	175	225	258	219	19.11	cps
Titanium	47-1	883	1042	900	942	9.24	cps
Uranium	238-1	8	17	33	19	65.47	cps
Vanadium	51-1	842	867	817	842	2.97	cps
Yttrium	89-1	5088010	5112383	5141909	5114100	0.53	cps
Yttrium	89-2	785352	771459	766531	774447	1.26	cps
Zinc	66-1	500	442	625	522	17.94	cps
Zirconium	91-1	50	58	58	56	8.66	cps
Zirconium	90-1	333	342	275	317	11.47	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:31:12	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	105860	102880	110888	106543	3.80	cps
Antimony	121-1	7752	7377	7911	7680	3.57	cps
Arsenic	75-1	1333	1230	1383	1316	5.94	cps
Barium	135-1	8319	7369	7744	7811	6.13	cps
Barium	137-1	13849	13382	13707	13646	1.75	cps
Beryllium	9-1	586	610	594	597	2.05	cps
Bismuth	209-1	1756978	1749997	1851249	1786075	3.17	cps
Bismuth	209-2	1373788	1365694	1348655	1362713	0.94	cps
Boron	11-1	7893	8877	9449	8740	9.01	cps
Boron	10-1	1678	1718	1942	1779	8.00	cps
Bromine	81-1	3309	3259	3417	3328	2.43	cps
Cadmium	106-1	792	1150	1058	1000	18.62	cps
Cadmium	108-1	50	67	67	61	15.75	cps
Cadmium	111-1	1373	1567	1661	1534	9.56	cps
Calcium	43-1	6043	5993	6185	6074	1.64	cps
Calcium	44-1	148629	149514	153278	150474	1.64	cps
Chromium	52-1	28671	27928	28303	28301	1.31	cps
Cobalt	59-1	8178	8561	8795	8511	3.66	cps
Copper	63-1	10346	10804	10788	10646	2.44	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	33	8	8	17	86.62	cps
Gadolinium	160-1	75	58	75	69	13.86	cps
Holmium	165-1	3240409	3252142	3352927	3281826	1.88	cps
Holmium	165-2	2170347	2093401	2083469	2115739	2.25	cps
Indium	115-1	3408320	3408445	3456670	3424478	0.81	cps
Indium	115-2	782015	771224	764867	772702	1.12	cps
Iron	54-1	297342	298498	299239	298360	0.32	cps
Iron	56-1	3585154	3581157	3600054	3588788	0.28	cps
Iron	57-1	52405	51736	54504	52882	2.73	cps
Krypton	83-1	1040	987	873	967	8.81	cps
Lead	206-1	1906	1806	1845	1852	2.72	cps
Lead	207-1	1633	1433	1450	1506	7.37	cps
Lead	208-1	7223	7351	7168	7247	1.30	cps
Lithium	6-1	696655	685099	707649	696468	1.62	cps
Magnesium	24-1	1779643	1807265	1855120	1814009	2.11	cps
Manganese	55-1	28871	29765	28754	29130	1.90	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:31:12	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8144	8136	8253	8178	0.80	cps
Molybdenum	95-1	10387	9954	10729	10357	3.75	cps
Molybdenum	96-1	10604	11330	11505	11146	4.28	cps
Molybdenum	97-1	5826	6018	6593	6146	6.49	cps
Molybdenum	98-1	15726	16168	17253	16382	4.80	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	2442	2534	2492	2489	1.84	cps
Phosphorus	31-1	41719	40783	41836	41446	1.39	cps
Potassium	39-1	7408175	7343936	7456508	7402873	0.76	cps
Rhodium	103-1	3408202	3485105	3533879	3475729	1.82	cps
Rhodium	103-2	2013285	2008983	2003213	2008494	0.25	cps
Scandium	45-1	2399669	2383764	2506468	2429967	2.75	cps
Scandium	45-2	109443	107159	106847	107816	1.31	cps
Selenium	82-1	837	799	900	846	6.05	cps
Selenium	77-1	258	292	275	275	6.06	cps
Selenium	78-1	68709	67713	67781	68068	0.82	cps
Silicon	28-1	632564	631908	629832	631435	0.23	cps
Silver	109-1	4718	4609	4801	4709	2.04	cps
Silver	107-1	5109	4909	4784	4934	3.32	cps
Sodium	23-1	3315234	3288026	3400174	3334478	1.75	cps
Strontium	86-1	2559	2709	2759	2675	3.89	cps
Strontium	88-1	10321	10362	10713	10465	2.06	cps
Sulfur	34-1	421663	418728	419804	420065	0.35	cps
Terbium	159-1	3418892	3417175	3554512	3463526	2.28	cps
Terbium	159-2	2110926	2100514	2081801	2097747	0.70	cps
Thallium	205-1	5343	5326	5418	5362	0.91	cps
Thallium	203-1	2067	2150	2467	2228	9.47	cps
Tin	118-1	14533	14325	14750	14536	1.46	cps
Titanium	47-1	3626	3751	3659	3678	1.76	cps
Uranium	238-1	5660	5693	5335	5562	3.56	cps
Vanadium	51-1	42204	42681	43827	42904	1.94	cps
Yttrium	89-1	4854264	4862062	5048163	4921496	2.23	cps
Yttrium	89-2	779749	764672	764230	769550	1.15	cps
Zinc	66-1	3526	3092	3509	3375	7.28	cps
Zirconium	91-1	1375	1417	1617	1470	8.79	cps
Zirconium	90-1	6460	6568	6652	6560	1.47	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:35:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3597566	3705361	3592160	3631696	1.76	cps
Antimony	121-1	69235	70825	69954	70005	1.14	cps
Arsenic	75-1	42143	42424	41698	42088	0.87	cps
Barium	135-1	1710786	1756353	1702382	1723174	1.69	cps
Barium	137-1	2864463	2957514	2940567	2920848	1.70	cps
Beryllium	9-1	2446	2450	2606	2500	3.65	cps
Bismuth	209-1	1882221	1858467	1700769	1813819	5.44	cps
Bismuth	209-2	1357364	1372100	1355436	1361633	0.67	cps
Boron	11-1	229601	291345	322220	281055	16.78	cps
Boron	10-1	47004	57689	64238	56310	15.45	cps
Bromine	81-1	3359	3417	3709	3495	5.37	cps
Cadmium	106-1	2209	2150	1909	2089	7.61	cps
Cadmium	108-1	904	904	963	924	3.65	cps
Cadmium	111-1	13327	14304	13477	13703	3.84	cps
Calcium	43-1	367	492	450	436	14.59	cps
Calcium	44-1	59055	59222	59524	59267	0.40	cps
Chromium	52-1	239236	239134	240428	239599	0.30	cps
Cobalt	59-1	300	292	225	272	15.10	cps
Copper	63-1	1159046	1136761	1165851	1153886	1.32	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Erbium	164-1	25	17	0	14	91.65	cps
Gadolinium	160-1	58	67	8	44	70.99	cps
Holmium	165-1	3343591	3334545	3085992	3254709	4.49	cps
Holmium	165-2	2074500	2100524	2067198	2080741	0.84	cps
Indium	115-1	3564794	3520555	3277453	3454267	4.48	cps
Indium	115-2	767386	762467	770539	766797	0.53	cps
Iron	54-1	505176	502115	502438	503243	0.33	cps
Iron	56-1	6742610	6732348	6700235	6725064	0.33	cps
Iron	57-1	134338	131454	134136	133309	1.21	cps
Krypton	83-1	987	923	983	964	3.70	cps
Lead	206-1	78095	79576	77821	78497	1.20	cps
Lead	207-1	67140	68313	68223	67892	0.96	cps
Lead	208-1	307511	311977	308416	309301	0.76	cps
Lithium	6-1	715047	712598	664701	697449	4.07	cps
Magnesium	24-1	11129	11622	12205	11652	4.62	cps
Manganese	55-1	5702810	5670410	5710503	5694575	0.37	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:35:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	76938	77868	76008	76938	1.21	cps
Molybdenum	95-1	135322	138512	133697	135844	1.80	cps
Molybdenum	96-1	142163	145213	142661	143346	1.14	cps
Molybdenum	97-1	83224	84541	82328	83364	1.34	cps
Molybdenum	98-1	215034	216429	215902	215788	0.33	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Nickel	60-1	742131	737075	752628	743945	1.07	cps
Phosphorus	31-1	27727	27911	29372	28337	3.18	cps
Potassium	39-1	4612021	4506958	4572933	4563971	1.16	cps
Rhodium	103-1	3459291	3549752	3272503	3427182	4.13	cps
Rhodium	103-2	2028444	2018279	2025662	2024128	0.26	cps
Scandium	45-1	2491818	2440287	2339277	2423794	3.20	cps
Scandium	45-2	107304	105359	106817	106493	0.95	cps
Selenium	82-1	5585	5526	5469	5526	1.05	cps
Selenium	77-1	3942	3767	4026	3912	3.37	cps
Selenium	78-1	78913	80446	81134	80164	1.42	cps
Silicon	28-1	707535	709239	707465	708080	0.14	cps
Silver	109-1	1000803	1014920	1006419	1007381	0.71	cps
Silver	107-1	1069259	1078484	1058524	1068756	0.93	cps
Sodium	23-1	972540	974143	976500	974394	0.20	cps
Strontium	86-1	1667	1408	1733	1603	10.71	cps
Strontium	88-1	508	392	483	461	13.32	cps
Sulfur	34-1	425981	420181	420119	422093	0.80	cps
Terbium	159-1	3516757	3543701	3339199	3466552	3.21	cps
Terbium	159-2	2101522	2113782	2031705	2082337	2.13	cps
Thallium	205-1	42671	41417	41793	41960	1.53	cps
Thallium	203-1	17879	18138	17963	17994	0.73	cps
Tin	118-1	175	200	225	200	12.50	cps
Titanium	47-1	1025	975	725	908	17.69	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-1	2839076	2814395	2775125	2809532	1.15	cps
Yttrium	89-1	5166848	4996572	4663010	4942143	5.19	cps
Yttrium	89-2	760719	768317	758688	762575	0.67	cps
Zinc	66-1	1969145	1966526	1965676	1967115	0.09	cps
Zirconium	91-1	150	133	142	142	5.88	cps
Zirconium	90-1	458	458	467	461	1.04	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:37:53	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3517288	3494403	3491603	3501098	0.40	cps
Antimony	121-1	68296	68522	68195	68338	0.24	cps
Arsenic	75-1	41494	42303	41250	41683	1.32	cps
Barium	135-1	1682138	1702023	1697814	1693992	0.62	cps
Barium	137-1	2824509	2876227	2905544	2868760	1.43	cps
Beryllium	9-1	2444	2390	2430	2421	1.16	cps
Bismuth	209-1	1840456	1800457	1823007	1821307	1.10	cps
Bismuth	209-2	1345094	1330939	1355013	1343682	0.90	cps
Boron	11-1	273561	319643	346180	313128	11.73	cps
Boron	10-1	55463	65558	70678	63900	12.12	cps
Bromine	81-1	3517	3100	3250	3289	6.42	cps
Cadmium	106-1	2084	2317	2225	2209	5.32	cps
Cadmium	108-1	975	854	896	908	6.76	cps
Cadmium	111-1	13757	13717	13453	13643	1.21	cps
Calcium	43-1	383	500	433	439	13.34	cps
Calcium	44-1	59047	59582	59942	59524	0.76	cps
Chromium	52-1	236052	236814	234201	235689	0.57	cps
Cobalt	59-1	350	425	225	333	30.31	cps
Copper	63-1	1137857	1147661	1145760	1143759	0.45	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Erbium	164-1	33	42	8	28	62.46	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Holmium	165-1	3268228	3324053	3277444	3289908	0.91	cps
Holmium	165-2	2050019	2035127	2056743	2047297	0.54	cps
Indium	115-1	3479294	3453631	3418190	3450372	0.89	cps
Indium	115-2	760142	762512	758525	760393	0.26	cps
Iron	54-1	496131	500052	490405	495529	0.98	cps
Iron	56-1	6767401	6725112	6566989	6686501	1.58	cps
Iron	57-1	134902	132588	130872	132787	1.52	cps
Krypton	83-1	940	1033	1020	998	5.06	cps
Lead	206-1	76659	77245	77698	77201	0.67	cps
Lead	207-1	66252	66168	66029	66150	0.17	cps
Lead	208-1	304641	302932	304372	303982	0.30	cps
Lithium	6-1	708223	703908	697919	703350	0.74	cps
Magnesium	24-1	11705	12072	11221	11666	3.66	cps
Manganese	55-1	5683970	5711074	5569001	5654682	1.33	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1134-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:37:53	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	76503	76694	77701	76966	0.84	cps
Molybdenum	95-1	134388	132746	133184	133439	0.64	cps
Molybdenum	96-1	141860	141584	139167	140870	1.05	cps
Molybdenum	97-1	83442	81985	81355	82261	1.30	cps
Molybdenum	98-1	214804	211944	211471	212740	0.85	cps
Neodymium	150-1	40	47	53	47	14.28	cps
Nickel	60-1	730203	724245	737526	730658	0.91	cps
Phosphorus	31-1	28529	27310	27385	27741	2.46	cps
Potassium	39-1	4514274	4469528	4528727	4504176	0.69	cps
Rhodium	103-1	3555571	3534688	3424851	3505036	2.00	cps
Rhodium	103-2	2014357	1965915	2018359	1999544	1.46	cps
Scandium	45-1	2377974	2394690	2401446	2391370	0.51	cps
Scandium	45-2	106716	106279	106199	106398	0.26	cps
Selenium	82-1	5453	5312	5363	5376	1.34	cps
Selenium	77-1	3942	3726	4176	3948	5.70	cps
Selenium	78-1	79944	80087	80313	80114	0.23	cps
Silicon	28-1	709466	705779	699758	705001	0.70	cps
Silver	109-1	992834	980931	981394	985053	0.68	cps
Silver	107-1	1038825	1042586	1027332	1036248	0.77	cps
Sodium	23-1	966517	969273	967208	967666	0.15	cps
Strontium	86-1	1367	1433	1550	1450	6.40	cps
Strontium	88-1	458	583	508	517	12.18	cps
Sulfur	34-1	414103	410271	416109	413494	0.72	cps
Terbium	159-1	3559357	3510484	3532022	3533954	0.69	cps
Terbium	159-2	2077468	2070510	2041319	2063099	0.93	cps
Thallium	205-1	42612	41701	41467	41927	1.44	cps
Thallium	203-1	17345	17554	17412	17437	0.61	cps
Tin	118-1	167	283	192	214	28.72	cps
Titanium	47-1	892	900	942	911	2.94	cps
Uranium	238-1	33	17	33	28	34.63	cps
Vanadium	51-1	2841657	2739631	2757616	2779635	1.96	cps
Yttrium	89-1	4975869	4959508	4924615	4953331	0.53	cps
Yttrium	89-2	757516	750207	771531	759751	1.43	cps
Zinc	66-1	1935037	1929139	1939003	1934393	0.26	cps
Zirconium	91-1	117	100	117	111	8.66	cps
Zirconium	90-1	583	458	408	483	18.65	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BL	Instrumnet Name :	P8
Client Sample ID :	PB126564BL	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6793	6618	6643	6685	1.42	cps
Antimony	121-1	58	58	50	56	8.66	cps
Arsenic	75-1	73	87	87	82	9.37	cps
Barium	135-1	275	208	108	197	42.53	cps
Barium	137-1	317	283	300	300	5.56	cps
Beryllium	9-1	36	54	44	45	20.20	cps
Bismuth	209-1	1756335	1795173	1777495	1776334	1.09	cps
Bismuth	209-2	1309669	1318244	1301031	1309648	0.66	cps
Boron	11-1	61995	56994	53195	57395	7.69	cps
Boron	10-1	12849	11240	10544	11544	10.24	cps
Bromine	81-1	3501	3476	3634	3537	2.41	cps
Cadmium	106-1	775	933	950	886	10.90	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	539	660	683	627	12.31	cps
Calcium	43-1	258	467	458	394	29.90	cps
Calcium	44-1	58101	58495	59097	58564	0.86	cps
Chromium	52-1	13724	12748	13523	13332	3.87	cps
Cobalt	59-1	267	200	258	242	15.03	cps
Copper	63-1	1567	1342	1525	1478	8.10	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Erbium	164-1	17	33	17	22	43.28	cps
Gadolinium	160-1	25	75	42	47	53.91	cps
Holmium	165-1	3228880	3276883	3156509	3220757	1.88	cps
Holmium	165-2	1987588	1984824	1988441	1986951	0.10	cps
Indium	115-1	3484169	3414539	3475897	3458201	1.10	cps
Indium	115-2	740668	745720	736762	741050	0.61	cps
Iron	54-1	273714	271542	271153	272136	0.51	cps
Iron	56-1	3089649	3129954	3163864	3127822	1.19	cps
Iron	57-1	43174	42414	43024	42871	0.94	cps
Krypton	83-1	917	947	890	918	3.09	cps
Lead	206-1	106	94	106	102	6.30	cps
Lead	207-1	111	161	111	128	22.60	cps
Lead	208-1	406	444	467	439	7.05	cps
Lithium	6-1	679618	679179	676912	678570	0.21	cps
Magnesium	24-1	10496	10346	10337	10393	0.86	cps
Manganese	55-1	19814	20073	19589	19825	1.22	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BL	Instrumnet Name :	P8
Client Sample ID :	PB126564BL	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	142	183	172	15.55	cps
Molybdenum	95-1	83	100	75	86	14.78	cps
Molybdenum	96-1	83	83	42	69	34.64	cps
Molybdenum	97-1	17	75	17	36	93.25	cps
Molybdenum	98-1	67	67	75	69	6.93	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	375	467	258	367	28.48	cps
Phosphorus	31-1	27101	26683	26967	26917	0.79	cps
Potassium	39-1	4452697	4394077	4476073	4440949	0.95	cps
Rhodium	103-1	3410469	3477193	3452552	3446738	0.98	cps
Rhodium	103-2	1965185	1951934	1934333	1950484	0.79	cps
Scandium	45-1	2412516	2388312	2375334	2392054	0.79	cps
Scandium	45-2	102731	104540	100820	102697	1.81	cps
Selenium	82-1	591	548	623	587	6.43	cps
Selenium	77-1	83	25	83	64	52.72	cps
Selenium	78-1	68291	68927	67722	68313	0.88	cps
Silicon	28-1	599126	601729	597435	599430	0.36	cps
Silver	109-1	108	117	150	125	17.64	cps
Silver	107-1	92	150	167	136	28.93	cps
Sodium	23-1	888971	887332	886271	887525	0.15	cps
Strontium	86-1	1617	1375	1658	1550	9.87	cps
Strontium	88-1	100	50	33	61	56.78	cps
Sulfur	34-1	407932	406049	408271	407417	0.29	cps
Terbium	159-1	3417396	3456613	3362710	3412240	1.38	cps
Terbium	159-2	1990813	1993789	2021095	2001899	0.83	cps
Thallium	205-1	275	275	158	236	28.53	cps
Thallium	203-1	83	108	142	111	26.34	cps
Tin	118-1	208	258	183	217	17.62	cps
Titanium	47-1	1000	767	867	878	13.34	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-1	817	725	800	781	6.26	cps
Yttrium	89-1	4764784	4886725	4799906	4817138	1.30	cps
Yttrium	89-2	733602	736528	734886	735005	0.20	cps
Zinc	66-1	600	583	717	633	11.47	cps
Zirconium	91-1	108	83	42	78	43.30	cps
Zirconium	90-1	250	275	208	244	13.78	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : PB126564BS Instrumnet Name : P8
 Client Sample ID : PB126564BS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:43:32 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	49298483	49510813	48627565	49145620	0.94	cps
Antimony	121-1	2062133	2066464	2070680	2066425	0.21	cps
Arsenic	75-1	626897	625529	623451	625292	0.28	cps
Barium	135-1	2077539	2093509	2067596	2079548	0.63	cps
Barium	137-1	3501096	3507626	3488340	3499021	0.28	cps
Beryllium	9-1	310705	313349	310465	311506	0.51	cps
Bismuth	209-1	1830351	1848787	1855830	1844989	0.71	cps
Bismuth	209-2	1367930	1369271	1368260	1368487	0.05	cps
Boron	11-1	120571	135502	145671	133915	9.43	cps
Boron	10-1	24325	26865	29199	26796	9.10	cps
Bromine	81-1	2925	3309	3292	3175	6.82	cps
Cadmium	106-1	48803	49740	50033	49526	1.30	cps
Cadmium	108-1	34506	33549	33821	33958	1.45	cps
Cadmium	111-1	472657	472792	470923	472124	0.22	cps
Calcium	43-1	579928	581785	580555	580756	0.16	cps
Calcium	44-1	9031129	9230735	9111152	9124339	1.10	cps
Chromium	52-1	3735581	3649903	3715996	3700493	1.21	cps
Cobalt	59-1	4225071	4207758	4269539	4234123	0.75	cps
Copper	63-1	4719530	4624504	4679901	4674645	1.02	cps
Dysprosium	156-1	58	17	42	39	53.92	cps
Erbium	164-1	17	17	50	28	69.27	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Holmium	165-1	3449427	3433834	3377379	3420213	1.11	cps
Holmium	165-2	2145965	2165673	2160648	2157429	0.47	cps
Indium	115-1	3510783	3590869	3635662	3579105	1.77	cps
Indium	115-2	782244	773035	780122	778467	0.62	cps
Iron	54-1	12402644	12230933	12241405	12291661	0.78	cps
Iron	56-1	205268771	205651225	203670484	204863493	0.51	cps
Iron	57-1	4932290	4982920	4912795	4942668	0.73	cps
Krypton	83-1	953	967	1003	974	2.66	cps
Lead	206-1	907577	910179	893941	903899	0.96	cps
Lead	207-1	788756	791142	792985	790961	0.27	cps
Lead	208-1	3654753	3655047	3653816	3654539	0.02	cps
Lithium	6-1	715095	711663	713929	713562	0.24	cps
Magnesium	24-1	184236108	183401025	183686896	183774676	0.23	cps
Manganese	55-1	9523757	9417338	9606326	9515807	1.00	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126564BS	Instrumnet Name :	P8
Client Sample ID :	PB126564BS	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4019189	4033007	3990976	4014391	0.53	cps
Molybdenum	95-1	5032217	4990087	5109845	5044050	1.20	cps
Molybdenum	96-1	5502846	5527618	5572852	5534439	0.64	cps
Molybdenum	97-1	3078013	3088528	3123008	3096516	0.76	cps
Molybdenum	98-1	8101726	8057774	7982429	8047310	0.75	cps
Neodymium	150-1	100	47	73	73	36.36	cps
Nickel	60-1	979443	971611	981171	977409	0.52	cps
Phosphorus	31-1	2697574	2736111	2745448	2726378	0.93	cps
Potassium	39-1	156904729	155335033	154963158	155734306	0.66	cps
Rhodium	103-1	3562103	3548467	3592738	3567770	0.64	cps
Rhodium	103-2	2026060	2003557	1998399	2009339	0.73	cps
Scandium	45-1	2515577	2545714	2550132	2537141	0.74	cps
Scandium	45-2	110843	112684	111035	111521	0.91	cps
Selenium	82-1	33073	33189	32765	33009	0.66	cps
Selenium	77-1	26275	26492	24881	25883	3.38	cps
Selenium	78-1	150711	151889	151275	151291	0.39	cps
Silicon	28-1	1630113	1670419	1708221	1669585	2.34	cps
Silver	109-1	2377697	2313091	2313014	2334601	1.60	cps
Silver	107-1	2448364	2433836	2469720	2450640	0.74	cps
Sodium	23-1	256660872	256425331	259847072	257644425	0.74	cps
Strontium	86-1	645574	648892	644165	646210	0.38	cps
Strontium	88-1	5541140	5506960	5364878	5470992	1.71	cps
Sulfur	34-1	566261	568905	571492	568886	0.46	cps
Terbium	159-1	3636330	3661947	3656576	3651618	0.37	cps
Terbium	159-2	2107605	2091871	2167111	2122195	1.87	cps
Thallium	205-1	2630878	2702908	2632703	2655496	1.55	cps
Thallium	203-1	1138555	1150195	1129642	1139464	0.90	cps
Tin	118-1	1455721	1447331	1466606	1456553	0.66	cps
Titanium	47-1	1470879	1510429	1480224	1487177	1.39	cps
Uranium	238-1	3113520	3133120	3102464	3116368	0.50	cps
Vanadium	51-1	4138033	4168895	4169153	4158694	0.43	cps
Yttrium	89-1	5132581	5201511	5062169	5132087	1.36	cps
Yttrium	89-2	783262	786145	790210	786539	0.44	cps
Zinc	66-1	1228052	1216211	1201758	1215340	1.08	cps
Zirconium	91-1	744432	736472	732227	737710	0.84	cps
Zirconium	90-1	3340068	3281897	3295947	3305971	0.92	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:46:23	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	251453956	256747364	260102889	256101403	1.70	cps
Antimony	121-1	2036362	2072700	2043138	2050734	0.94	cps
Arsenic	75-1	618217	621804	619492	619838	0.29	cps
Barium	135-1	2093273	2094261	2029728	2072420	1.78	cps
Barium	137-1	3536321	3551384	3452745	3513483	1.51	cps
Beryllium	9-1	315887	315879	311717	314494	0.76	cps
Bismuth	209-1	1799545	1805178	1806415	1803713	0.20	cps
Bismuth	209-2	1318343	1316908	1331470	1322240	0.61	cps
Boron	11-1	143920	157173	162206	154433	6.12	cps
Boron	10-1	29149	31616	32672	31145	5.80	cps
Bromine	81-1	3559	3534	3309	3467	3.97	cps
Cadmium	106-1	48268	47867	47298	47811	1.02	cps
Cadmium	108-1	33620	32300	32597	32839	2.11	cps
Cadmium	111-1	452162	459841	457755	456586	0.87	cps
Calcium	43-1	2701796	2740026	2722289	2721370	0.70	cps
Calcium	44-1	43617733	44357834	44279052	44084873	0.92	cps
Chromium	52-1	3736882	3755717	3703185	3731928	0.71	cps
Cobalt	59-1	4179389	4249371	4186056	4204939	0.92	cps
Copper	63-1	4589932	4592565	4616992	4599830	0.32	cps
Dysprosium	156-1	117	83	75	92	24.05	cps
Erbium	164-1	67	42	33	47	36.74	cps
Gadolinium	160-1	117	108	142	122	14.19	cps
Holmium	165-1	3376121	3437115	3344288	3385841	1.39	cps
Holmium	165-2	2160001	2126466	2165417	2150628	0.98	cps
Indium	115-1	3603083	3606205	3576708	3595332	0.45	cps
Indium	115-2	786269	786035	787467	786590	0.10	cps
Iron	54-1	57960762	58857185	58179622	58332523	0.80	cps
Iron	56-1	979821555	990839322	994641289	988434055	0.78	cps
Iron	57-1	23607327	24085343	23889776	23860815	1.01	cps
Krypton	83-1	873	1037	1023	978	9.28	cps
Lead	206-1	897583	889012	884661	890419	0.74	cps
Lead	207-1	784284	778757	771216	778086	0.84	cps
Lead	208-1	3647430	3651252	3598846	3632509	0.80	cps
Lithium	6-1	707169	712483	707455	709036	0.42	cps
Magnesium	24-1	884906420	912373654	902232954	899837676	1.54	cps
Manganese	55-1	9546080	9720039	9600217	9622112	0.93	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:46:23	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4017640	4098225	3991067	4035644	1.38	cps
Molybdenum	95-1	5076215	5158820	5064193	5099742	1.01	cps
Molybdenum	96-1	5481010	5688802	5671077	5613629	2.05	cps
Molybdenum	97-1	3073428	3153254	3084952	3103878	1.39	cps
Molybdenum	98-1	7912987	8102910	7945963	7987287	1.27	cps
Neodymium	150-1	140	60	60	87	53.29	cps
Nickel	60-1	960100	957404	953222	956908	0.36	cps
Phosphorus	31-1	2734555	2758428	2785123	2759369	0.92	cps
Potassium	39-1	756151750	755081500	764032584	758421945	0.64	cps
Rhodium	103-1	3479412	3437710	3446717	3454613	0.64	cps
Rhodium	103-2	1966658	1964258	1968801	1966572	0.12	cps
Scandium	45-1	2537285	2521171	2546708	2535054	0.51	cps
Scandium	45-2	108277	109652	110914	109614	1.20	cps
Selenium	82-1	33123	32366	32078	32522	1.66	cps
Selenium	77-1	24372	24722	23912	24335	1.67	cps
Selenium	78-1	149784	150086	149294	149722	0.27	cps
Silicon	28-1	1689829	1716312	1730756	1712299	1.21	cps
Silver	109-1	2239827	2254862	2281601	2258763	0.94	cps
Silver	107-1	2381751	2410244	2410944	2400980	0.69	cps
Sodium	23-1	1241920728	1249246861	1249014695	1246727428	0.33	cps
Strontium	86-1	647300	640253	631164	639572	1.26	cps
Strontium	88-1	5451155	5560351	5419910	5477139	1.35	cps
Sulfur	34-1	573478	573357	571822	572886	0.16	cps
Terbium	159-1	3608978	3581252	3601736	3597322	0.40	cps
Terbium	159-2	2112839	2090951	2126749	2110180	0.86	cps
Thallium	205-1	2622950	2639027	2582778	2614918	1.11	cps
Thallium	203-1	1114294	1108775	1100698	1107923	0.62	cps
Tin	118-1	1451076	1443816	1432583	1442492	0.65	cps
Titanium	47-1	1502804	1503713	1510322	1505613	0.27	cps
Uranium	238-1	3018100	3101055	3089800	3069652	1.47	cps
Vanadium	51-1	4101399	4222577	4167088	4163688	1.46	cps
Yttrium	89-1	5275915	5279462	5154692	5236690	1.36	cps
Yttrium	89-2	783983	786115	788741	786280	0.30	cps
Zinc	66-1	1178762	1186241	1183197	1182734	0.32	cps
Zirconium	91-1	730411	739459	723592	731154	1.09	cps
Zirconium	90-1	3340309	3327748	3290231	3319429	0.78	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:49:29	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	17803	15058	14533	15798	11.12	cps
Antimony	121-1	267	225	167	219	22.89	cps
Arsenic	75-1	127	90	117	111	17.06	cps
Barium	135-1	158	142	192	164	15.54	cps
Barium	137-1	217	142	158	172	22.87	cps
Beryllium	9-1	62	102	74	79	25.87	cps
Bismuth	209-1	1785901	1775114	1778441	1779819	0.31	cps
Bismuth	209-2	1316414	1292153	1300692	1303086	0.94	cps
Boron	11-1	31347	29776	28959	30027	4.04	cps
Boron	10-1	6252	5930	5760	5981	4.18	cps
Bromine	81-1	3542	3517	3584	3548	0.95	cps
Cadmium	106-1	975	783	1067	942	15.35	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	765	596	791	718	14.74	cps
Calcium	43-1	425	533	500	486	11.41	cps
Calcium	44-1	61356	62051	60252	61220	1.48	cps
Chromium	52-1	13357	13448	13457	13420	0.41	cps
Cobalt	59-1	742	275	383	467	52.35	cps
Copper	63-1	1959	1750	2059	1922	8.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Erbium	164-1	17	17	50	28	69.27	cps
Gadolinium	160-1	0	33	17	17	99.99	cps
Holmium	165-1	3258688	3226890	3264776	3250118	0.63	cps
Holmium	165-2	2039255	2019641	1984289	2014395	1.38	cps
Indium	115-1	3421042	3398582	3372653	3397426	0.71	cps
Indium	115-2	744434	737276	740502	740737	0.48	cps
Iron	54-1	281374	280906	279117	280466	0.42	cps
Iron	56-1	3329937	3346706	3342639	3339761	0.26	cps
Iron	57-1	45046	43283	44562	44297	2.06	cps
Krypton	83-1	1033	1050	1070	1051	1.75	cps
Lead	206-1	183	211	206	200	7.35	cps
Lead	207-1	206	150	111	156	30.52	cps
Lead	208-1	739	694	717	717	3.10	cps
Lithium	6-1	669906	675805	673900	673204	0.45	cps
Magnesium	24-1	38059	35594	33723	35792	6.08	cps
Manganese	55-1	20457	20682	20682	20607	0.63	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:49:29	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	375	350	386	11.08	cps
Molybdenum	95-1	375	367	392	378	3.37	cps
Molybdenum	96-1	458	467	375	433	11.70	cps
Molybdenum	97-1	233	183	167	194	17.84	cps
Molybdenum	98-1	483	500	500	494	1.95	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Nickel	60-1	350	533	375	419	23.70	cps
Phosphorus	31-1	27268	28195	27368	27610	1.84	cps
Potassium	39-1	4683203	4621472	4588632	4631102	1.04	cps
Rhodium	103-1	3443863	3343698	3466664	3418075	1.91	cps
Rhodium	103-2	1963843	1930911	1959048	1951267	0.91	cps
Scandium	45-1	2408451	2411130	2339277	2386286	1.71	cps
Scandium	45-2	103620	101381	100801	101934	1.46	cps
Selenium	82-1	461	564	518	514	10.01	cps
Selenium	77-1	42	67	50	53	24.12	cps
Selenium	78-1	69832	68358	68299	68830	1.26	cps
Silicon	28-1	631298	624091	624300	626563	0.65	cps
Silver	109-1	217	167	200	194	13.09	cps
Silver	107-1	242	317	158	239	33.16	cps
Sodium	23-1	995642	988661	973654	985986	1.14	cps
Strontium	86-1	1667	1667	1658	1664	0.29	cps
Strontium	88-1	308	258	350	306	15.02	cps
Sulfur	34-1	409918	407204	412879	410000	0.69	cps
Terbium	159-1	3454642	3499995	3456205	3470281	0.74	cps
Terbium	159-2	2046992	1963952	1987289	1999411	2.14	cps
Thallium	205-1	1517	1500	1242	1420	10.86	cps
Thallium	203-1	683	642	475	600	18.37	cps
Tin	118-1	383	250	292	308	22.12	cps
Titanium	47-1	1033	1042	883	986	9.04	cps
Uranium	238-1	158	133	150	147	8.65	cps
Vanadium	51-1	908	792	775	825	8.81	cps
Yttrium	89-1	4921098	4893499	4830517	4881705	0.95	cps
Yttrium	89-2	747990	724338	734918	735749	1.61	cps
Zinc	66-1	850	708	608	722	16.82	cps
Zirconium	91-1	108	67	108	94	25.47	cps
Zirconium	90-1	300	408	425	378	17.97	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126613BL	Instrumnet Name :	P8
Client Sample ID :	PB126613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:52:20	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10921	9995	10896	10604	4.97	cps
Antimony	121-1	150	108	133	131	16.06	cps
Arsenic	75-1	90	63	83	79	17.59	cps
Barium	135-1	100	92	58	83	26.46	cps
Barium	137-1	175	142	83	133	34.80	cps
Beryllium	9-1	68	64	74	69	7.33	cps
Bismuth	209-1	1808894	1813794	1805657	1809449	0.23	cps
Bismuth	209-2	1335722	1348695	1348779	1344399	0.56	cps
Boron	11-1	20086	19769	18944	19600	3.01	cps
Boron	10-1	4224	3950	3898	4024	4.35	cps
Bromine	81-1	3501	3492	3334	3442	2.73	cps
Cadmium	106-1	950	850	808	870	8.37	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Cadmium	111-1	699	626	606	644	7.62	cps
Calcium	43-1	575	500	492	522	8.79	cps
Calcium	44-1	58519	59884	59164	59189	1.15	cps
Chromium	52-1	13298	14049	13540	13629	2.81	cps
Cobalt	59-1	317	433	442	397	17.59	cps
Copper	63-1	1884	1742	1550	1725	9.70	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Erbium	164-1	8	42	25	25	66.68	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Holmium	165-1	3336500	3331161	3338065	3335242	0.11	cps
Holmium	165-2	2081118	2037894	2062978	2060663	1.05	cps
Indium	115-1	3554181	3482387	3464815	3500461	1.35	cps
Indium	115-2	761447	765053	769835	765445	0.55	cps
Iron	54-1	280311	278195	276357	278287	0.71	cps
Iron	56-1	3267924	3298195	3314836	3293652	0.72	cps
Iron	57-1	43509	43250	43843	43534	0.68	cps
Krypton	83-1	1037	1043	1063	1048	1.32	cps
Lead	206-1	133	139	133	135	2.37	cps
Lead	207-1	122	117	117	119	2.70	cps
Lead	208-1	567	561	461	530	11.21	cps
Lithium	6-1	695597	700653	702284	699512	0.50	cps
Magnesium	24-1	27911	25222	27485	26873	5.38	cps
Manganese	55-1	20165	19505	21191	20287	4.19	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126613BL	Instrumnet Name :	P8
Client Sample ID :	PB126613BL	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:52:20	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	200	308	247	22.44	cps
Molybdenum	95-1	275	175	250	233	22.30	cps
Molybdenum	96-1	325	217	250	264	21.03	cps
Molybdenum	97-1	242	117	92	150	53.58	cps
Molybdenum	98-1	317	283	283	294	6.54	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Nickel	60-1	467	367	450	428	12.52	cps
Phosphorus	31-1	29798	27785	28153	28579	3.75	cps
Potassium	39-1	4643022	4590548	4616843	4616804	0.57	cps
Rhodium	103-1	3557458	3505021	3525317	3529265	0.75	cps
Rhodium	103-2	1998529	2027605	2037229	2021121	1.00	cps
Scandium	45-1	2493386	2420488	2468908	2460927	1.51	cps
Scandium	45-2	104621	106263	108715	106533	1.93	cps
Selenium	82-1	445	525	482	484	8.34	cps
Selenium	77-1	67	50	42	53	24.12	cps
Selenium	78-1	67998	68835	68534	68456	0.62	cps
Silicon	28-1	616223	616656	613968	615616	0.23	cps
Silver	109-1	67	100	167	111	45.83	cps
Silver	107-1	125	117	125	122	3.93	cps
Sodium	23-1	948882	947082	941581	945848	0.40	cps
Strontium	86-1	1400	1633	1592	1542	8.07	cps
Strontium	88-1	208	217	242	222	7.81	cps
Sulfur	34-1	426508	421042	422119	423223	0.68	cps
Terbium	159-1	3502579	3606462	3542086	3550376	1.48	cps
Terbium	159-2	2043808	2067674	2084121	2065201	0.98	cps
Thallium	205-1	867	858	658	794	14.85	cps
Thallium	203-1	383	367	325	358	8.39	cps
Tin	118-1	292	192	208	231	23.24	cps
Titanium	47-1	1092	908	983	995	9.27	cps
Uranium	238-1	108	100	58	89	30.13	cps
Vanadium	51-1	833	642	675	717	14.29	cps
Yttrium	89-1	5061924	5009248	4937857	5003010	1.24	cps
Yttrium	89-2	761155	757378	771061	763198	0.93	cps
Zinc	66-1	633	700	492	608	17.49	cps
Zirconium	91-1	117	67	50	78	44.61	cps
Zirconium	90-1	250	317	425	331	26.72	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : PB126613BS Instrumnet Name : P8
 Client Sample ID : PB126613BS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 14:55:08 DataFile Name : 029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	51133834	51344841	50877046	51118574	0.46	cps
Antimony	121-1	2110422	2137195	2164637	2137418	1.27	cps
Arsenic	75-1	647989	651131	653439	650853	0.42	cps
Barium	135-1	2121329	2114685	2155387	2130467	1.02	cps
Barium	137-1	3653506	3575231	3606215	3611651	1.09	cps
Beryllium	9-1	323920	322971	325193	324028	0.34	cps
Bismuth	209-1	1879621	1928468	1953742	1920610	1.96	cps
Bismuth	209-2	1414082	1429190	1414028	1419100	0.62	cps
Boron	11-1	105702	121788	133530	120340	11.61	cps
Boron	10-1	20664	24636	25797	23699	11.36	cps
Bromine	81-1	2925	3542	3100	3189	9.97	cps
Cadmium	106-1	51003	52969	51129	51700	2.13	cps
Cadmium	108-1	35278	35512	34965	35252	0.78	cps
Cadmium	111-1	489833	489160	487311	488768	0.27	cps
Calcium	43-1	591883	596010	605595	597829	1.18	cps
Calcium	44-1	9371352	9445173	9504984	9440503	0.71	cps
Chromium	52-1	3847616	3842625	3759139	3816460	1.30	cps
Cobalt	59-1	4396153	4535007	4394208	4441789	1.82	cps
Copper	63-1	4899855	4889967	4869790	4886537	0.31	cps
Dysprosium	156-1	67	17	17	33	86.59	cps
Erbium	164-1	0	8	17	8	100.02	cps
Gadolinium	160-1	58	83	42	61	34.32	cps
Holmium	165-1	3521542	3553562	3555449	3543518	0.54	cps
Holmium	165-2	2195849	2249492	2169468	2204936	1.85	cps
Indium	115-1	3708492	3740939	3738084	3729171	0.48	cps
Indium	115-2	805100	812445	797789	805111	0.91	cps
Iron	54-1	12884159	12718551	12686155	12762955	0.83	cps
Iron	56-1	213507055	209751721	213179430	212146069	0.98	cps
Iron	57-1	5233403	5212359	5152283	5199348	0.81	cps
Krypton	83-1	997	957	1040	998	4.18	cps
Lead	206-1	938499	949029	941319	942949	0.58	cps
Lead	207-1	824721	821714	821136	822524	0.23	cps
Lead	208-1	3804366	3814141	3830920	3816476	0.35	cps
Lithium	6-1	732299	741722	745954	739992	0.94	cps
Magnesium	24-1	188473104	193053754	189761117	190429325	1.24	cps
Manganese	55-1	9893398	9795029	9705480	9797969	0.96	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	PB126613BS	Instrumnet Name :	P8
Client Sample ID :	PB126613BS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 14:55:08	DataFile Name :	029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4160543	4208253	4194162	4187653	0.59	cps
Molybdenum	95-1	5230582	5207733	5178039	5205451	0.51	cps
Molybdenum	96-1	5729106	5709850	5758561	5732506	0.43	cps
Molybdenum	97-1	3177922	3222046	3228007	3209325	0.85	cps
Molybdenum	98-1	8201330	8155795	8228910	8195345	0.45	cps
Neodymium	150-1	60	33	73	56	36.67	cps
Nickel	60-1	1004435	1022598	1003303	1010112	1.07	cps
Phosphorus	31-1	2811033	2845509	2832414	2829652	0.62	cps
Potassium	39-1	161908341	163521337	160690845	162040174	0.88	cps
Rhodium	103-1	3666312	3626750	3694441	3662501	0.93	cps
Rhodium	103-2	2068221	2108702	2105403	2094109	1.07	cps
Scandium	45-1	2632571	2615960	2625644	2624725	0.32	cps
Scandium	45-2	112583	115816	112322	113573	1.71	cps
Selenium	82-1	33978	34560	34155	34231	0.87	cps
Selenium	77-1	27026	26208	25766	26334	2.43	cps
Selenium	78-1	150507	153195	154493	152732	1.33	cps
Silicon	28-1	1664598	1708920	1732618	1702046	2.03	cps
Silver	109-1	2383763	2365977	2413165	2387635	1.00	cps
Silver	107-1	2547446	2560443	2609723	2572538	1.28	cps
Sodium	23-1	267103998	272066356	268181373	269117242	0.97	cps
Strontium	86-1	659394	667931	668414	665246	0.76	cps
Strontium	88-1	5577354	5637354	5599815	5604841	0.54	cps
Sulfur	34-1	591530	593950	589174	591551	0.40	cps
Terbium	159-1	3788609	3777645	3752826	3773026	0.49	cps
Terbium	159-2	2258415	2220180	2201272	2226623	1.31	cps
Thallium	205-1	2733162	2743781	2796103	2757682	1.22	cps
Thallium	203-1	1171951	1181535	1177286	1176924	0.41	cps
Tin	118-1	1487672	1514022	1531232	1510975	1.45	cps
Titanium	47-1	1547746	1544960	1553248	1548651	0.27	cps
Uranium	238-1	3149686	3197251	3198697	3181878	0.88	cps
Vanadium	51-1	4296973	4349854	4262987	4303271	1.02	cps
Yttrium	89-1	5360930	5333484	5397780	5364065	0.60	cps
Yttrium	89-2	805911	818832	807428	810724	0.87	cps
Zinc	66-1	1249739	1256874	1256432	1254348	0.32	cps
Zirconium	91-1	765017	760688	765932	763879	0.37	cps
Zirconium	90-1	3397367	3379962	3423301	3400210	0.64	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:02:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	145726	140256	139088	141690	2.50	cps
Antimony	121-1	542	975	1000	839	30.72	cps
Arsenic	75-1	1527	2020	2474	2007	23.60	cps
Barium	135-1	13874	13916	14033	13941	0.59	cps
Barium	137-1	24272	23446	23437	23718	2.02	cps
Beryllium	9-1	74	68	64	69	7.33	cps
Bismuth	209-1	1954197	1975291	1921047	1950178	1.40	cps
Bismuth	209-2	1432125	1439178	1424762	1432021	0.50	cps
Boron	11-1	17113	17095	17363	17190	0.87	cps
Boron	10-1	3460	3552	3502	3504	1.31	cps
Bromine	81-1	25582	33157	36197	31645	17.27	cps
Cadmium	106-1	1050	958	1142	1050	8.73	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Cadmium	111-1	815	769	883	823	6.98	cps
Calcium	43-1	285307	279012	280217	281512	1.19	cps
Calcium	44-1	4516935	4455257	4433296	4468496	0.97	cps
Chromium	52-1	20231	21216	22193	21213	4.62	cps
Cobalt	59-1	908	700	775	794	13.28	cps
Copper	63-1	141880	139870	141433	141061	0.75	cps
Dysprosium	156-1	83	33	67	61	41.67	cps
Erbium	164-1	92	67	50	69	30.20	cps
Gadolinium	160-1	125	108	75	103	24.77	cps
Holmium	165-1	3577997	3523498	3572930	3558141	0.85	cps
Holmium	165-2	2197005	2194521	2168785	2186771	0.71	cps
Indium	115-1	3756176	3771651	3739097	3755641	0.43	cps
Indium	115-2	802193	805666	801232	803030	0.29	cps
Iron	54-1	259864	258586	259390	259280	0.25	cps
Iron	56-1	3123659	3130724	3177466	3143950	0.93	cps
Iron	57-1	48550	47680	48074	48101	0.91	cps
Krypton	83-1	1083	970	1000	1018	5.77	cps
Lead	206-1	650	533	450	544	18.45	cps
Lead	207-1	650	533	550	578	10.92	cps
Lead	208-1	2733	2367	2172	2424	11.75	cps
Lithium	6-1	762529	756405	750270	756401	0.81	cps
Magnesium	24-1	53100080	54682287	52558303	53446890	2.06	cps
Manganese	55-1	21792	21684	21817	21764	0.33	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAW	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:02:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	433	408	461	15.37	cps
Molybdenum	95-1	483	550	492	508	7.15	cps
Molybdenum	96-1	558	625	525	569	8.94	cps
Molybdenum	97-1	350	200	275	275	27.27	cps
Molybdenum	98-1	625	625	633	628	0.77	cps
Neodymium	150-1	53	133	113	100	41.64	cps
Nickel	60-1	10713	11180	10779	10891	2.32	cps
Phosphorus	31-1	115231	113333	112442	113668	1.25	cps
Potassium	39-1	17234553	17201058	17223881	17219830	0.10	cps
Rhodium	103-1	3758754	3679282	3642955	3693664	1.60	cps
Rhodium	103-2	2082254	2092785	2101912	2092317	0.47	cps
Scandium	45-1	2689564	2585614	2560247	2611808	2.62	cps
Scandium	45-2	112049	111283	112617	111983	0.60	cps
Selenium	82-1	411	487	493	464	9.76	cps
Selenium	77-1	608	675	683	656	6.27	cps
Selenium	78-1	69245	68844	69371	69153	0.40	cps
Silicon	28-1	19907123	18966267	19060332	19311241	2.68	cps
Silver	109-1	200	233	275	236	15.91	cps
Silver	107-1	225	233	300	253	16.26	cps
Sodium	23-1	106764144	105808248	105373546	105981979	0.67	cps
Strontium	86-1	100442	98622	99042	99369	0.96	cps
Strontium	88-1	843793	843500	839869	842387	0.26	cps
Sulfur	34-1	547460	550806	546974	548413	0.38	cps
Terbium	159-1	3830988	3738376	3835187	3801517	1.44	cps
Terbium	159-2	2181275	2205128	2166309	2184237	0.90	cps
Thallium	205-1	1600	2400	2992	2331	29.97	cps
Thallium	203-1	817	1125	1217	1053	19.91	cps
Tin	118-1	1617	1450	1500	1522	5.62	cps
Titanium	47-1	1067	1008	1192	1089	8.60	cps
Uranium	238-1	2000	1633	1792	1809	10.17	cps
Vanadium	51-1	4326	5926	6935	5729	22.97	cps
Yttrium	89-1	5393407	5238407	5349325	5327046	1.50	cps
Yttrium	89-2	805723	802404	801251	803126	0.29	cps
Zinc	66-1	55727	53728	53435	54296	2.30	cps
Zirconium	91-1	58	92	133	94	39.79	cps
Zirconium	90-1	558	417	425	467	17.04	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01DUP Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWDU Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:05:08 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	145484	145928	143445	144953	0.91	cps
Antimony	121-1	858	958	858	892	6.47	cps
Arsenic	75-1	2950	3267	3867	3362	13.85	cps
Barium	135-1	14150	13724	13591	13821	2.11	cps
Barium	137-1	24506	23521	23772	23933	2.14	cps
Beryllium	9-1	40	42	48	43	9.61	cps
Bismuth	209-1	1976909	1988349	1938738	1967999	1.32	cps
Bismuth	209-2	1404640	1413227	1426856	1414907	0.79	cps
Boron	11-1	14162	14218	14206	14195	0.21	cps
Boron	10-1	3060	2872	3040	2990	3.45	cps
Bromine	81-1	29281	35671	38796	34583	14.02	cps
Cadmium	106-1	1158	1025	1142	1108	6.55	cps
Cadmium	108-1	4	4	33	14	121.21	cps
Cadmium	111-1	866	827	872	855	2.85	cps
Calcium	43-1	284591	283041	283628	283753	0.28	cps
Calcium	44-1	4539105	4576042	4483172	4532773	1.03	cps
Chromium	52-1	21250	22560	22727	22179	3.65	cps
Cobalt	59-1	575	642	542	586	8.69	cps
Copper	63-1	141890	141409	141123	141474	0.27	cps
Dysprosium	156-1	100	42	67	69	42.14	cps
Erbium	164-1	50	75	58	61	20.83	cps
Gadolinium	160-1	58	75	125	86	40.29	cps
Holmium	165-1	3612890	3598215	3518209	3576438	1.42	cps
Holmium	165-2	2135008	2165292	2185090	2161797	1.17	cps
Indium	115-1	3784469	3801657	3682172	3756099	1.72	cps
Indium	115-2	784689	798200	796999	793296	0.94	cps
Iron	54-1	260715	260450	258435	259867	0.48	cps
Iron	56-1	3330921	3384400	3369785	3361702	0.82	cps
Iron	57-1	47730	47020	47856	47535	0.95	cps
Krypton	83-1	993	903	1007	968	5.81	cps
Lead	206-1	500	444	622	522	17.42	cps
Lead	207-1	417	394	433	415	4.70	cps
Lead	208-1	1939	1811	2045	1932	6.05	cps
Lithium	6-1	768643	776151	758362	767719	1.16	cps
Magnesium	24-1	53529447	53056889	53085402	53223913	0.50	cps
Manganese	55-1	21408	21642	22159	21736	1.77	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01DUP	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWDU	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:05:08	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	408	258	286	38.79	cps
Molybdenum	95-1	325	300	300	308	4.68	cps
Molybdenum	96-1	400	400	375	392	3.69	cps
Molybdenum	97-1	200	150	92	147	36.83	cps
Molybdenum	98-1	525	492	417	478	11.61	cps
Neodymium	150-1	193	73	127	131	45.86	cps
Nickel	60-1	11146	11755	11238	11380	2.88	cps
Phosphorus	31-1	111486	113702	114224	113137	1.28	cps
Potassium	39-1	17237048	17153573	17226439	17205687	0.26	cps
Rhodium	103-1	3691761	3695329	3634710	3673933	0.93	cps
Rhodium	103-2	2060211	2082623	2108734	2083856	1.17	cps
Scandium	45-1	2636439	2657702	2587483	2627208	1.37	cps
Scandium	45-2	110481	110635	113273	111463	1.41	cps
Selenium	82-1	518	571	500	530	6.89	cps
Selenium	77-1	1058	1133	1208	1133	6.62	cps
Selenium	78-1	69137	67353	67194	67895	1.59	cps
Silicon	28-1	19502974	19571294	19321032	19465100	0.66	cps
Silver	109-1	275	325	408	336	20.04	cps
Silver	107-1	450	392	400	414	7.62	cps
Sodium	23-1	105333377	108110761	105696775	106380304	1.42	cps
Strontium	86-1	100291	100393	98731	99805	0.93	cps
Strontium	88-1	857973	851324	837292	848863	1.24	cps
Sulfur	34-1	545833	539691	530292	538605	1.45	cps
Terbium	159-1	3829288	3850180	3719422	3799630	1.85	cps
Terbium	159-2	2157389	2154405	2174134	2161976	0.49	cps
Thallium	205-1	1200	1283	1517	1333	12.31	cps
Thallium	203-1	583	542	675	600	11.37	cps
Tin	118-1	1275	1175	1250	1233	4.22	cps
Titanium	47-1	1158	1133	1158	1150	1.25	cps
Uranium	238-1	1817	1867	1850	1845	1.38	cps
Vanadium	51-1	8920	10346	11930	10399	14.48	cps
Yttrium	89-1	5361175	5244539	5348652	5318122	1.20	cps
Yttrium	89-2	782347	791865	793152	789121	0.75	cps
Zinc	66-1	54187	55626	53108	54307	2.33	cps
Zirconium	91-1	133	125	75	111	28.40	cps
Zirconium	90-1	383	392	533	436	19.33	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01LX5	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-06 15:12:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	32136	30691	31535	31454	2.31	cps
Antimony	121-1	108	100	117	108	7.69	cps
Arsenic	75-1	887	980	1020	962	7.11	cps
Barium	135-1	2634	2442	2667	2581	4.71	cps
Barium	137-1	4092	4601	4568	4420	6.43	cps
Beryllium	9-1	44	42	54	47	13.78	cps
Bismuth	209-1	1834416	1887346	1882554	1868105	1.57	cps
Bismuth	209-2	1370242	1362082	1357050	1363124	0.49	cps
Boron	11-1	6990	7214	7314	7173	2.31	cps
Boron	10-1	1426	1446	1428	1433	0.77	cps
Bromine	81-1	8853	9904	10471	9743	8.43	cps
Cadmium	106-1	983	892	925	933	4.97	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Cadmium	111-1	708	646	668	674	4.63	cps
Calcium	43-1	53182	53550	52898	53210	0.61	cps
Calcium	44-1	913573	925019	922908	920500	0.66	cps
Chromium	52-1	16210	16410	15893	16171	1.61	cps
Cobalt	59-1	242	283	242	256	9.41	cps
Copper	63-1	27343	27945	28254	27847	1.66	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Erbium	164-1	17	33	50	33	50.00	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Holmium	165-1	3396152	3362466	3411830	3390149	0.74	cps
Holmium	165-2	2064809	2084652	2054223	2067895	0.75	cps
Indium	115-1	3538687	3537969	3565579	3547412	0.44	cps
Indium	115-2	759201	764745	762823	762256	0.37	cps
Iron	54-1	265603	263227	263007	263946	0.55	cps
Iron	56-1	3274788	3365018	3299437	3313081	1.41	cps
Iron	57-1	40951	41026	40358	40778	0.90	cps
Krypton	83-1	1000	937	903	947	5.19	cps
Lead	206-1	156	189	178	174	9.75	cps
Lead	207-1	161	161	200	174	12.90	cps
Lead	208-1	678	811	722	737	9.21	cps
Lithium	6-1	721803	724051	720550	722134	0.25	cps
Magnesium	24-1	9900854	9861343	9565916	9776037	1.87	cps
Manganese	55-1	19514	19397	19764	19558	0.96	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01LX5	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWL	Dilution Factor :	5
Date & Time Acquired ::	2020-02-06 15:12:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	150	133	133	12.50	cps
Molybdenum	95-1	92	50	83	75	29.40	cps
Molybdenum	96-1	142	133	175	150	14.70	cps
Molybdenum	97-1	42	67	42	50	28.87	cps
Molybdenum	98-1	183	75	167	142	41.18	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Nickel	60-1	2275	2792	2342	2470	11.38	cps
Phosphorus	31-1	42245	42003	42312	42187	0.39	cps
Potassium	39-1	6697136	6602270	6686400	6661935	0.78	cps
Rhodium	103-1	3479302	3528456	3495824	3501194	0.71	cps
Rhodium	103-2	2031063	2010080	2004526	2015223	0.69	cps
Scandium	45-1	2439751	2498366	2517969	2485362	1.64	cps
Scandium	45-2	104923	107200	104131	105418	1.51	cps
Selenium	82-1	533	464	506	501	7.00	cps
Selenium	77-1	242	317	267	275	13.89	cps
Selenium	78-1	67060	66834	65495	66463	1.27	cps
Silicon	28-1	4037476	4023730	3971464	4010890	0.87	cps
Silver	109-1	100	142	67	103	36.56	cps
Silver	107-1	67	133	108	103	32.77	cps
Sodium	23-1	20588238	20500978	20032124	20373780	1.47	cps
Strontium	86-1	19931	19998	19806	19912	0.49	cps
Strontium	88-1	160119	158501	160161	159594	0.59	cps
Sulfur	34-1	423575	419604	417335	420172	0.75	cps
Terbium	159-1	3604337	3625484	3659007	3629609	0.76	cps
Terbium	159-2	2086467	2071547	2072896	2076970	0.40	cps
Thallium	205-1	133	192	250	192	30.43	cps
Thallium	203-1	83	17	142	81	77.64	cps
Tin	118-1	500	375	350	408	19.68	cps
Titanium	47-1	1067	883	983	978	9.39	cps
Uranium	238-1	325	242	392	319	23.53	cps
Vanadium	51-1	3876	3892	4467	4078	8.26	cps
Yttrium	89-1	5076909	5104126	5146358	5109131	0.68	cps
Yttrium	89-2	763924	761772	746574	757423	1.25	cps
Zinc	66-1	10829	11113	10679	10874	2.03	cps
Zirconium	91-1	42	92	75	69	36.66	cps
Zirconium	90-1	267	258	250	258	3.23	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01MS Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWMS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:15:38 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8929413	9072249	9112116	9037926	1.06	cps
Antimony	121-1	3084177	3048514	2951432	3028041	2.27	cps
Arsenic	75-1	974325	967901	982080	974769	0.73	cps
Barium	135-1	179165	176142	176888	177398	0.89	cps
Barium	137-1	302222	306732	297350	302101	1.55	cps
Beryllium	9-1	123604	123785	125106	124165	0.66	cps
Bismuth	209-1	1949307	1936005	1938009	1941107	0.37	cps
Bismuth	209-2	1432854	1420261	1427943	1427019	0.44	cps
Boron	11-1	57455	68816	76697	67656	14.30	cps
Boron	10-1	11472	13746	15345	13521	14.39	cps
Bromine	81-1	33566	41445	47230	40747	16.83	cps
Cadmium	106-1	17236	18004	18229	17823	2.92	cps
Cadmium	108-1	12522	12522	12814	12620	1.34	cps
Cadmium	111-1	187068	184311	186527	185968	0.79	cps
Calcium	43-1	281593	280227	277246	279689	0.79	cps
Calcium	44-1	4524391	4485052	4450021	4486488	0.83	cps
Chromium	52-1	2858937	2836242	2905247	2866809	1.23	cps
Cobalt	59-1	1641663	1682750	1678199	1667537	1.35	cps
Copper	63-1	1510408	1550164	1556266	1538946	1.62	cps
Dysprosium	156-1	92972	94726	92057	93252	1.45	cps
Erbium	164-1	100	83	92	92	9.09	cps
Gadolinium	160-1	67	92	158	106	44.89	cps
Holmium	165-1	3558680	3532867	3433205	3508251	1.89	cps
Holmium	165-2	2148551	2136454	2189497	2158167	1.29	cps
Indium	115-1	3706355	3609619	3639139	3651704	1.36	cps
Indium	115-2	782519	778804	775945	779089	0.42	cps
Iron	54-1	1772785	1796780	1795900	1788489	0.76	cps
Iron	56-1	26855561	27685351	26313215	26951375	2.56	cps
Iron	57-1	646545	655664	648486	650232	0.74	cps
Krypton	83-1	980	917	943	947	3.36	cps
Lead	206-1	1868165	1908502	1859398	1878689	1.39	cps
Lead	207-1	1599313	1599893	1581912	1593706	0.64	cps
Lead	208-1	7405736	7440385	7368657	7404926	0.48	cps
Lithium	6-1	782933	780750	779739	781140	0.21	cps
Magnesium	24-1	56889266	57126572	57266751	57094196	0.33	cps
Manganese	55-1	1845279	1901646	1864250	1870392	1.53	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01MS Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWMS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:15:38 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458065	454353	450853	454424	0.79	cps
Molybdenum	95-1	798457	797283	798082	797941	0.08	cps
Molybdenum	96-1	848225	848927	839643	845598	0.61	cps
Molybdenum	97-1	489147	488603	499209	492320	1.21	cps
Molybdenum	98-1	1271071	1267446	1248888	1262468	0.94	cps
Neodymium	150-1	147	120	147	138	11.18	cps
Nickel	60-1	971937	962825	961357	965373	0.59	cps
Phosphorus	31-1	1677177	1726714	1688272	1697388	1.53	cps
Potassium	39-1	74939993	74165056	74326791	74477280	0.55	cps
Rhodium	103-1	3679599	3636613	3603695	3639969	1.05	cps
Rhodium	103-2	2044024	2066822	2036494	2049113	0.77	cps
Scandium	45-1	2568938	2566363	2535194	2556832	0.73	cps
Scandium	45-2	109537	109369	110897	109934	0.76	cps
Selenium	82-1	128442	129622	129462	129175	0.50	cps
Selenium	77-1	100827	98242	100507	99859	1.41	cps
Selenium	78-1	379831	389159	388349	385780	1.34	cps
Silicon	28-1	19743758	19899257	20109272	19917429	0.92	cps
Silver	109-1	344981	344521	346184	345229	0.25	cps
Silver	107-1	362509	355653	362872	360345	1.13	cps
Sodium	23-1	114742236	114262140	117014215	115339530	1.27	cps
Strontium	86-1	349253	345982	351290	348842	0.77	cps
Strontium	88-1	2984671	2968898	2940223	2964597	0.76	cps
Sulfur	34-1	519770	523880	522683	522111	0.40	cps
Terbium	159-1	3746876	3791057	3760118	3766017	0.60	cps
Terbium	159-2	2131575	2152964	2176340	2153626	1.04	cps
Thallium	205-1	10619196	10445969	10374086	10479750	1.20	cps
Thallium	203-1	4471326	4562175	4401873	4478458	1.80	cps
Tin	118-1	2029721	2015475	1974123	2006440	1.44	cps
Titanium	47-1	117721	119790	119765	119092	1.00	cps
Uranium	238-1	1942	1734	1784	1820	5.98	cps
Vanadium	51-1	2422349	2477973	2493757	2464693	1.52	cps
Yttrium	89-1	5396557	5290747	5089936	5259080	2.96	cps
Yttrium	89-2	786944	784948	798679	790190	0.94	cps
Zinc	66-1	280060	289851	285214	285042	1.72	cps
Zirconium	91-1	508	375	400	428	16.57	cps
Zirconium	90-1	967	875	833	892	7.65	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01MSD Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWMS Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:18:28 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9120589	9123061	9114904	9119518	0.05	cps
Antimony	121-1	2956997	2976902	2863893	2932597	2.06	cps
Arsenic	75-1	975220	983695	989415	982777	0.73	cps
Barium	135-1	177789	177214	178134	177712	0.26	cps
Barium	137-1	305648	302883	302902	303811	0.52	cps
Beryllium	9-1	125041	122582	125254	124292	1.19	cps
Bismuth	209-1	1958047	1962197	1901901	1940715	1.74	cps
Bismuth	209-2	1397322	1437844	1424337	1419835	1.45	cps
Boron	11-1	68561	79322	83405	77096	9.95	cps
Boron	10-1	14304	15773	16682	15587	7.70	cps
Bromine	81-1	41128	49831	53126	48028	12.91	cps
Cadmium	106-1	17161	17512	18179	17617	2.94	cps
Cadmium	108-1	12105	12089	12914	12370	3.82	cps
Cadmium	111-1	186599	186925	189684	187736	0.90	cps
Calcium	43-1	284974	286324	289421	286906	0.79	cps
Calcium	44-1	4502469	4605262	4560243	4555991	1.13	cps
Chromium	52-1	2963309	2880855	2883301	2909155	1.61	cps
Cobalt	59-1	1667801	1658370	1688449	1671540	0.92	cps
Copper	63-1	1526540	1544309	1595001	1555284	2.28	cps
Dysprosium	156-1	89615	92847	92813	91759	2.02	cps
Erbium	164-1	75	58	42	58	28.57	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Holmium	165-1	3549838	3580820	3557711	3562789	0.45	cps
Holmium	165-2	2156190	2145228	2171247	2157555	0.61	cps
Indium	115-1	3618969	3638862	3604329	3620720	0.48	cps
Indium	115-2	781493	779737	782153	781128	0.16	cps
Iron	54-1	1771265	1786124	1759078	1772156	0.76	cps
Iron	56-1	26949929	27121283	26896337	26989183	0.44	cps
Iron	57-1	648872	655696	654097	652888	0.55	cps
Krypton	83-1	980	997	1030	1002	2.54	cps
Lead	206-1	1871244	1849035	1845278	1855186	0.76	cps
Lead	207-1	1572752	1579915	1562907	1571858	0.54	cps
Lead	208-1	7371554	7427722	7290075	7363117	0.94	cps
Lithium	6-1	796191	801906	798968	799022	0.36	cps
Magnesium	24-1	57530964	58424422	57208351	57721246	1.09	cps
Manganese	55-1	1887681	1865649	1891569	1881633	0.74	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01MSD	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWMS	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:18:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	443737	452141	456787	450888	1.47	cps
Molybdenum	95-1	788340	801022	797426	795596	0.82	cps
Molybdenum	96-1	846016	847730	843056	845600	0.28	cps
Molybdenum	97-1	489893	489558	490362	489938	0.08	cps
Molybdenum	98-1	1255484	1264370	1275684	1265179	0.80	cps
Neodymium	150-1	133	140	107	127	13.92	cps
Nickel	60-1	966686	972281	976622	971863	0.51	cps
Phosphorus	31-1	1728479	1706112	1668164	1700918	1.79	cps
Potassium	39-1	74561843	74574973	74977168	74704661	0.32	cps
Rhodium	103-1	3672020	3670894	3685656	3676190	0.22	cps
Rhodium	103-2	2061797	2053926	2069206	2061643	0.37	cps
Scandium	45-1	2583745	2611530	2583680	2592985	0.62	cps
Scandium	45-2	107767	109255	110594	109205	1.30	cps
Selenium	82-1	128679	130298	128843	129273	0.69	cps
Selenium	77-1	100181	103136	100600	101306	1.58	cps
Selenium	78-1	392782	391785	386631	390399	0.85	cps
Silicon	28-1	20311177	20071362	19910034	20097524	1.00	cps
Silver	109-1	347673	343875	346558	346035	0.56	cps
Silver	107-1	361387	365228	363647	363420	0.53	cps
Sodium	23-1	116146619	117240636	115143669	116176975	0.90	cps
Strontium	86-1	344361	348563	346837	346587	0.61	cps
Strontium	88-1	2982084	2966201	2928157	2958814	0.94	cps
Sulfur	34-1	512551	512938	511075	512188	0.19	cps
Terbium	159-1	3759370	3749392	3684505	3731089	1.09	cps
Terbium	159-2	2144980	2202697	2153641	2167106	1.44	cps
Thallium	205-1	10258639	10338339	10382328	10326435	0.61	cps
Thallium	203-1	4446069	4513933	4497914	4485972	0.79	cps
Tin	118-1	1953627	2028244	1958426	1980099	2.11	cps
Titanium	47-1	118277	120630	118940	119282	1.02	cps
Uranium	238-1	2109	1617	1817	1847	13.39	cps
Vanadium	51-1	2478082	2516075	2416726	2470294	2.03	cps
Yttrium	89-1	5325487	5341160	5199049	5288565	1.47	cps
Yttrium	89-2	783409	800915	792362	792229	1.10	cps
Zinc	66-1	289631	291023	291513	290722	0.34	cps
Zirconium	91-1	433	383	483	433	11.54	cps
Zirconium	90-1	750	767	700	739	4.70	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : L1332-01A Instrumnet Name : P8
 Client Sample ID : KIT-SINK-1ST-DRAWA Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:21:16 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9310674	9095571	8903013	9103086	2.24	cps
Antimony	121-1	3017379	2967493	2944012	2976294	1.26	cps
Arsenic	75-1	1007204	988296	971508	989003	1.81	cps
Barium	135-1	180686	179199	177619	179168	0.86	cps
Barium	137-1	310922	305610	308405	308313	0.86	cps
Beryllium	9-1	126966	125521	124440	125642	1.01	cps
Bismuth	209-1	1785187	1973952	1964747	1907962	5.58	cps
Bismuth	209-2	1418349	1417575	1416771	1417565	0.06	cps
Boron	11-1	73106	81190	86165	80153	8.22	cps
Boron	10-1	15029	16360	17183	16190	6.71	cps
Bromine	81-1	41997	50450	53494	48647	12.24	cps
Cadmium	106-1	18304	18705	17628	18212	2.99	cps
Cadmium	108-1	12614	12568	12264	12482	1.53	cps
Cadmium	111-1	192766	189785	184736	189095	2.15	cps
Calcium	43-1	289922	286134	277944	284667	2.15	cps
Calcium	44-1	4522602	4428021	4433962	4461528	1.19	cps
Chromium	52-1	3113849	2955588	2864763	2978066	4.23	cps
Cobalt	59-1	1729351	1706030	1608114	1681165	3.83	cps
Copper	63-1	1599192	1610469	1509582	1573081	3.51	cps
Dysprosium	156-1	94023	92058	91596	92559	1.39	cps
Erbium	164-1	50	58	58	56	8.66	cps
Gadolinium	160-1	117	167	83	122	34.31	cps
Holmium	165-1	3269894	3556741	3522478	3449704	4.54	cps
Holmium	165-2	2190798	2150537	2155594	2165643	1.01	cps
Indium	115-1	3415667	3696212	3641820	3584566	4.15	cps
Indium	115-2	778733	780442	774886	778020	0.37	cps
Iron	54-1	1856633	1817378	1735527	1803179	3.43	cps
Iron	56-1	27300614	27116458	26606095	27007722	1.33	cps
Iron	57-1	662895	655882	636954	651910	2.06	cps
Krypton	83-1	1077	973	920	990	8.05	cps
Lead	206-1	1914222	1919017	1866884	1900041	1.52	cps
Lead	207-1	1605683	1688594	1580019	1624766	3.49	cps
Lead	208-1	7457972	7595243	7357951	7470389	1.59	cps
Lithium	6-1	750906	804777	814703	790129	4.34	cps
Magnesium	24-1	59037472	57217170	56170497	57475046	2.52	cps
Manganese	55-1	1929319	1899933	1850127	1893126	2.11	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	L1332-01A	Instrumnet Name :	P8
Client Sample ID :	KIT-SINK-1ST-DRAWA	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:21:16	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	471139	453423	451417	458660	2.37	cps
Molybdenum	95-1	818911	810493	792009	807138	1.70	cps
Molybdenum	96-1	875134	860906	841607	859215	1.96	cps
Molybdenum	97-1	511819	499001	482459	497760	2.96	cps
Molybdenum	98-1	1308744	1283008	1260227	1283993	1.89	cps
Neodymium	150-1	180	160	127	156	17.32	cps
Nickel	60-1	1002615	984211	940252	975692	3.28	cps
Phosphorus	31-1	1697318	1705377	1657630	1686775	1.52	cps
Potassium	39-1	76623443	75155866	72447160	74742157	2.83	cps
Rhodium	103-1	3420950	3688066	3637596	3582204	3.96	cps
Rhodium	103-2	2030903	2090810	2055673	2059129	1.46	cps
Scandium	45-1	2385280	2520178	2511042	2472167	3.05	cps
Scandium	45-2	109793	110722	110212	110242	0.42	cps
Selenium	82-1	132786	130308	127586	130226	2.00	cps
Selenium	77-1	103437	103799	97849	101695	3.28	cps
Selenium	78-1	393719	391312	385193	390075	1.13	cps
Silicon	28-1	20404650	19851326	19748637	20001538	1.76	cps
Silver	109-1	350316	350023	341756	347365	1.40	cps
Silver	107-1	373436	369106	359026	367189	2.01	cps
Sodium	23-1	118000498	116261215	113600803	115954172	1.91	cps
Strontium	86-1	360663	350995	348049	353236	1.87	cps
Strontium	88-1	3012652	2967242	2938504	2972799	1.26	cps
Sulfur	34-1	523688	511406	505249	513448	1.83	cps
Terbium	159-1	3486736	3819191	3768856	3691594	4.85	cps
Terbium	159-2	2156566	2166967	2210542	2178025	1.31	cps
Thallium	205-1	10602492	10519400	10432382	10518091	0.81	cps
Thallium	203-1	4587321	4606389	4546230	4579980	0.67	cps
Tin	118-1	2049096	2027368	2000600	2025688	1.20	cps
Titanium	47-1	124009	119646	118605	120753	2.37	cps
Uranium	238-1	1800	1692	1700	1731	3.48	cps
Vanadium	51-1	2553796	2455520	2480880	2496732	2.04	cps
Yttrium	89-1	4838071	5294997	5219951	5117673	4.79	cps
Yttrium	89-2	793121	798044	790785	793983	0.47	cps
Zinc	66-1	299320	292232	283934	291829	2.64	cps
Zirconium	91-1	342	417	317	358	14.52	cps
Zirconium	90-1	825	708	867	800	10.26	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:24:11	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	262247906	265516823	264828306	264197678	0.65	cps
Antimony	121-1	1898880	1980792	2006960	1962211	2.87	cps
Arsenic	75-1	627898	628014	634837	630250	0.63	cps
Barium	135-1	2098640	2175965	2160274	2144960	1.91	cps
Barium	137-1	3503840	3658050	3572505	3578131	2.16	cps
Beryllium	9-1	322585	325507	325718	324604	0.54	cps
Bismuth	209-1	1834291	1855685	1883884	1857953	1.34	cps
Bismuth	209-2	1353346	1363425	1348431	1355067	0.56	cps
Boron	11-1	125631	143492	152113	140412	9.62	cps
Boron	10-1	25727	29189	30055	28324	8.08	cps
Bromine	81-1	13532	12247	11714	12498	7.48	cps
Cadmium	106-1	47532	49415	49088	48678	2.07	cps
Cadmium	108-1	33913	33365	33891	33723	0.92	cps
Cadmium	111-1	453234	467205	475297	465245	2.40	cps
Calcium	43-1	2755216	2787490	2754328	2765678	0.68	cps
Calcium	44-1	43837654	45589782	44315349	44580928	2.03	cps
Chromium	52-1	3826009	3779091	3855535	3820212	1.01	cps
Cobalt	59-1	4227243	4287095	4310103	4274814	1.00	cps
Copper	63-1	4607040	4639771	4818787	4688533	2.43	cps
Dysprosium	156-1	167	117	308	197	50.41	cps
Erbium	164-1	67	17	42	42	60.00	cps
Gadolinium	160-1	192	125	142	153	22.71	cps
Holmium	165-1	3479065	3553545	3570566	3534392	1.38	cps
Holmium	165-2	2151387	2209482	2165037	2175302	1.40	cps
Indium	115-1	3690361	3702500	3793740	3728867	1.52	cps
Indium	115-2	779131	794488	781608	785075	1.05	cps
Iron	54-1	59960170	58773068	59576310	59436516	1.02	cps
Iron	56-1	979230589	1005992122	1004636189	996619633	1.51	cps
Iron	57-1	24183378	24285039	24644823	24371080	0.99	cps
Krypton	83-1	960	1013	953	976	3.37	cps
Lead	206-1	921581	929840	922510	924644	0.49	cps
Lead	207-1	791936	811173	796414	799841	1.26	cps
Lead	208-1	3695022	3767958	3731498	3731493	0.98	cps
Lithium	6-1	762732	754465	757836	758344	0.55	cps
Magnesium	24-1	907124220	920631021	913150420	913635220	0.74	cps
Manganese	55-1	9631875	9692149	9846483	9723502	1.14	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:24:11	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3995410	4189682	4199537	4128210	2.79	cps
Molybdenum	95-1	5054560	5226095	5249863	5176839	2.06	cps
Molybdenum	96-1	5621686	5767014	5815910	5734870	1.76	cps
Molybdenum	97-1	3156112	3252507	3231690	3213436	1.58	cps
Molybdenum	98-1	8152474	8274692	8266129	8231099	0.83	cps
Neodymium	150-1	80	60	93	78	21.57	cps
Nickel	60-1	973301	980129	984719	979383	0.59	cps
Phosphorus	31-1	2805416	2805391	2859932	2823579	1.11	cps
Potassium	39-1	774043234	765625100	781257284	773641873	1.01	cps
Rhodium	103-1	3502801	3503007	3529820	3511876	0.44	cps
Rhodium	103-2	2014390	2061830	1980519	2018913	2.02	cps
Scandium	45-1	2495124	2632022	2613516	2580221	2.88	cps
Scandium	45-2	108892	110488	109701	109694	0.73	cps
Selenium	82-1	32764	32877	33051	32897	0.44	cps
Selenium	77-1	25674	26542	25883	26033	1.74	cps
Selenium	78-1	148149	149522	151410	149694	1.09	cps
Silicon	28-1	1662203	1736508	1777900	1725537	3.40	cps
Silver	109-1	2302791	2423542	2363880	2363404	2.55	cps
Silver	107-1	2420683	2480663	2439009	2446785	1.26	cps
Sodium	23-1	1263857862	1242849161	1288201862	1264969628	1.79	cps
Strontium	86-1	648923	653707	647826	650152	0.48	cps
Strontium	88-1	5454468	5589168	5586487	5543374	1.39	cps
Sulfur	34-1	573343	575440	578193	575659	0.42	cps
Terbium	159-1	3668730	3780466	3708780	3719326	1.52	cps
Terbium	159-2	2180348	2208447	2159115	2182637	1.13	cps
Thallium	205-1	2640963	2709674	2776985	2709207	2.51	cps
Thallium	203-1	1134747	1150138	1160854	1148580	1.14	cps
Tin	118-1	1476436	1499223	1472361	1482673	0.98	cps
Titanium	47-1	1494934	1539008	1538897	1524280	1.67	cps
Uranium	238-1	3130085	3245214	3257137	3210812	2.19	cps
Vanadium	51-1	4191117	4259741	4263191	4238017	0.96	cps
Yttrium	89-1	5218361	5355456	5304539	5292785	1.31	cps
Yttrium	89-2	783432	799138	794509	792359	1.02	cps
Zinc	66-1	1195470	1214307	1214435	1208071	0.90	cps
Zirconium	91-1	736378	760449	761672	752833	1.89	cps
Zirconium	90-1	3315428	3405490	3435441	3385453	1.85	cps

LB Number : LB107597 Operator : ICPMS
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2020-02-06 15:26:59 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	16226	14449	22328	17668	23.39	cps
Antimony	121-1	383	208	342	311	29.38	cps
Arsenic	75-1	797	687	583	689	15.49	cps
Barium	135-1	58	33	58	50	28.87	cps
Barium	137-1	58	117	67	81	39.17	cps
Beryllium	9-1	64	78	102	81	23.63	cps
Bismuth	209-1	1861876	1788126	1817311	1822438	2.04	cps
Bismuth	209-2	1298042	1319679	1314980	1310900	0.87	cps
Boron	11-1	24487	22555	21437	22827	6.76	cps
Boron	10-1	4890	4514	4280	4561	6.75	cps
Bromine	81-1	6277	6827	6185	6429	5.40	cps
Cadmium	106-1	908	967	942	939	3.12	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Cadmium	111-1	712	746	719	726	2.46	cps
Calcium	43-1	467	450	400	439	7.90	cps
Calcium	44-1	59030	58503	57290	58274	1.53	cps
Chromium	52-1	14608	14016	14257	14294	2.08	cps
Cobalt	59-1	342	275	358	325	13.57	cps
Copper	63-1	1683	1925	1867	1825	6.91	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Erbium	164-1	17	8	33	19	65.47	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Holmium	165-1	3320278	3322744	3258161	3300394	1.11	cps
Holmium	165-2	2024662	1996126	2016874	2012554	0.73	cps
Indium	115-1	3445711	3536793	3421916	3468140	1.75	cps
Indium	115-2	722385	748440	743478	738101	1.87	cps
Iron	54-1	282195	279539	279079	280271	0.60	cps
Iron	56-1	3338286	3342725	3436650	3372554	1.65	cps
Iron	57-1	43827	43100	44161	43696	1.24	cps
Krypton	83-1	1047	1003	1083	1044	3.83	cps
Lead	206-1	261	217	189	222	16.40	cps
Lead	207-1	183	167	172	174	4.88	cps
Lead	208-1	739	728	744	737	1.15	cps
Lithium	6-1	730022	718722	708192	718979	1.52	cps
Magnesium	24-1	24972	23111	46467	31517	41.19	cps
Manganese	55-1	20298	20090	19272	19887	2.73	cps

LB Number :	LB107597	Operator :	ICPMS
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2020-02-06 15:26:59	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	283	200	264	21.49	cps
Molybdenum	95-1	200	192	225	206	8.44	cps
Molybdenum	96-1	350	292	308	317	9.49	cps
Molybdenum	97-1	217	183	125	175	26.51	cps
Molybdenum	98-1	317	342	292	317	7.89	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Nickel	60-1	633	658	442	578	20.52	cps
Phosphorus	31-1	29430	28362	28078	28623	2.49	cps
Potassium	39-1	4583978	4581522	4600012	4588504	0.22	cps
Rhodium	103-1	3512013	3461495	3417430	3463646	1.37	cps
Rhodium	103-2	1950141	1969370	1919742	1946418	1.29	cps
Scandium	45-1	2453735	2436563	2450886	2447061	0.38	cps
Scandium	45-2	100159	101881	102277	101439	1.11	cps
Selenium	82-1	533	524	498	519	3.57	cps
Selenium	77-1	158	217	200	192	15.68	cps
Selenium	78-1	68509	67873	68978	68453	0.81	cps
Silicon	28-1	645744	636293	636881	639639	0.83	cps
Silver	109-1	317	300	350	322	7.90	cps
Silver	107-1	483	4037	333	1618	129.57	cps
Sodium	23-1	1039527	1031133	1003274	1024645	1.85	cps
Strontium	86-1	1475	1808	1808	1697	11.34	cps
Strontium	88-1	258	92	208	186	45.96	cps
Sulfur	34-1	422926	423378	425278	423861	0.29	cps
Terbium	159-1	3540165	3558439	3456375	3518326	1.55	cps
Terbium	159-2	2020810	2023927	2026634	2023790	0.14	cps
Thallium	205-1	1717	1700	1583	1667	4.36	cps
Thallium	203-1	808	675	733	739	9.05	cps
Tin	118-1	300	342	400	347	14.47	cps
Titanium	47-1	1042	950	908	967	7.06	cps
Uranium	238-1	92	75	50	72	29.04	cps
Vanadium	51-1	1850	1892	2017	1920	4.52	cps
Yttrium	89-1	4891098	4908836	4836511	4878815	0.77	cps
Yttrium	89-2	713840	735180	724661	724560	1.47	cps
Zinc	66-1	1158	892	992	1014	13.29	cps
Zirconium	91-1	42	108	50	67	54.49	cps
Zirconium	90-1	483	333	267	361	30.73	cps