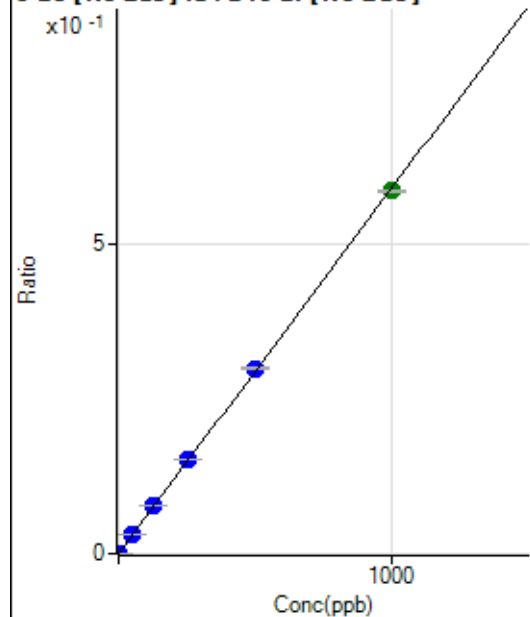


Calibration for 006CAL.S.d

Batch Folder: D:\ICP-MS Data\P7012720IMS.b\
 Analysis File: P7012720IMS.batch.bin
 DA Date-Time: 2020-01-27 15:59:57
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-01-27 15:29:25
2	004CAL.S.d	S02	2020-01-27 15:33:06
3	005CAL.S.d	S03	2020-01-27 15:38:07
4	006CAL.S.d	S04	2020-01-27 15:42:26
5	007CAL.S.d	S05	2020-01-27 15:46:20
6	008CAL.S.d	S06	2020-01-27 15:50:11
7	009CAL.S.d	S07	2020-01-27 15:54:02
8	010CAL.S.d	S08	2020-01-27 15:57:55

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.04	0.0000	P	25.5
2	☐	1.000	1.051	4754.57	0.0006	P	3.2
3	☐	50.000	52.292	229903.01	0.0309	P	0.8
4	☐	125.000	130.055	553653.83	0.0769	P	1.0
5	☐	250.000	257.346	1087148.06	0.1522	P	0.3
6	☐	500.000	507.433	2163161.75	0.3000	P	0.8
7	☐	1000.000	993.700	4302291.04	0.5875	A	0.3
8	☐			594.48	0.0001	P	11.6

$$y = 5.9123\text{E-}004 * x + 1.1641\text{E-}005$$

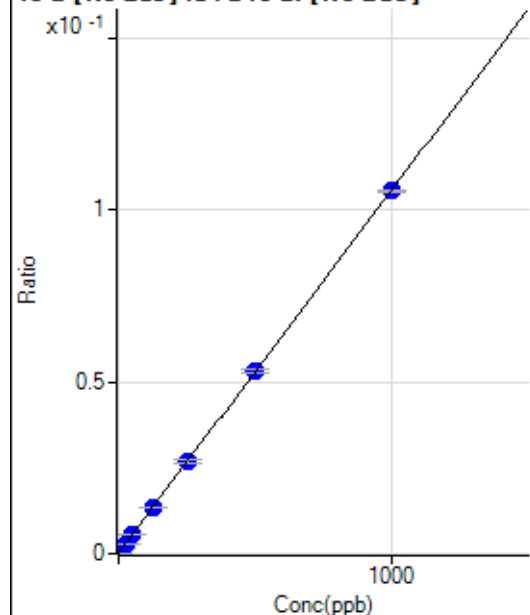
$$R = 0.9999$$

$$DL = 0.01507$$

$$BEC = 0.01969$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1616.83	0.0002	P	7.8
2	☐	25.000	24.965	21410.39	0.0028	P	1.5
3	☐	50.000	50.843	41471.76	0.0056	P	2.1
4	☐	125.000	125.618	96946.98	0.0135	P	0.8
5	☐	250.000	252.121	191519.97	0.0268	P	3.9
6	☐	500.000	501.765	383159.57	0.0531	P	1.3
7	☐	1000.000	998.469	772813.96	0.1055	P	0.3
8	☐			18692.81	0.0027	P	9.4

$$y = 1.0548\text{E-}004 * x + 2.1641\text{E-}004$$

$$R = 1.0000$$

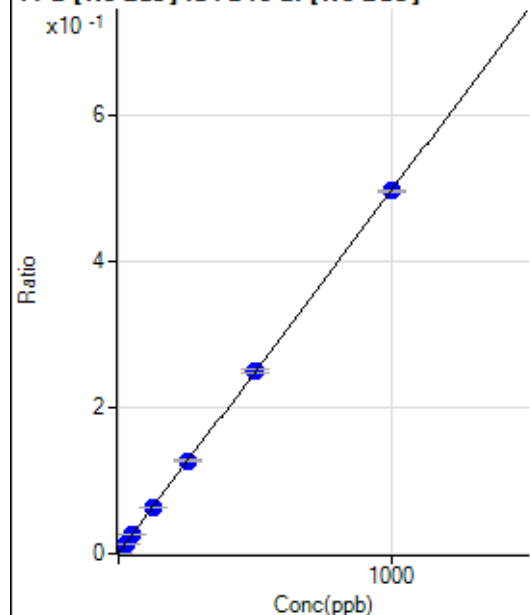
$$DL = 0.4796$$

$$BEC = 2.052$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8058.02	0.0011	P	1.7
2	☐	25.000	24.520	99281.30	0.0132	P	0.5
3	☐	50.000	50.174	192645.04	0.0259	P	0.5
4	☐	125.000	125.305	454310.75	0.0631	P	1.0
5	☐	250.000	253.515	904249.81	0.1266	P	2.1
6	☐	500.000	500.665	1794727.43	0.2489	P	1.5
7	☐	1000.000	998.754	3628413.28	0.4955	P	0.7
8	☐			87812.39	0.0128	P	10.3

$$y = 4.9502\text{E-}004 * x + 0.0011$$

R = 1.0000

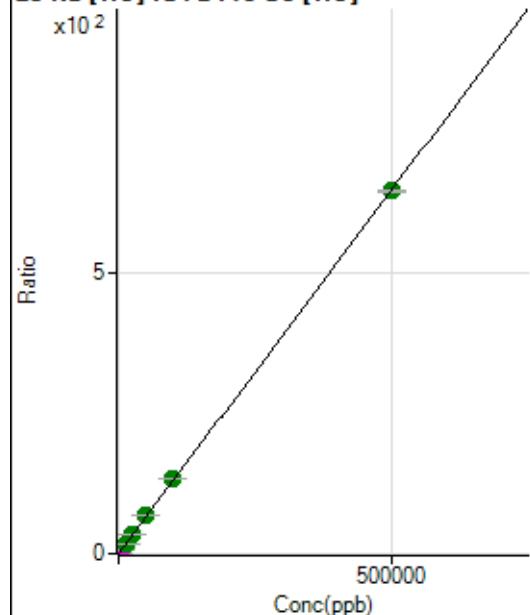
DL = 0.1128

BEC = 2.178

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17686.09	0.0269	P	1.9
2	☐	500.000	487.463	432523.97	0.6579	P	3.5
3	☐	5000.000	5201.244	4317055.91	6.7597	M	0.7
4	☐	12500.000	13009.982	10525661.69	16.8679	A	1.4
5	☐	25000.000	25756.691	20761794.73	33.3680	A	0.2
6	☐	50000.000	52075.066	43090949.57	67.4363	A	0.2
7	☐	100000.00	103648.45	88660372.81	134.1962	A	0.2
8	☐	500000.00	499010.21	426332312.31	645.9784	A	0.7

$$y = 0.0013 * x + 0.0269$$

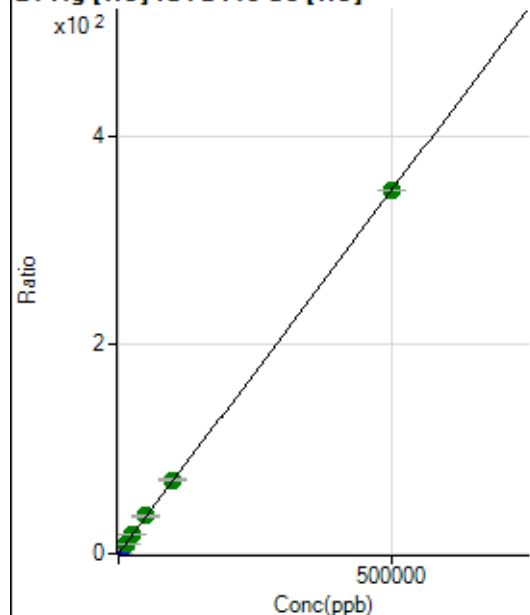
R = 1.0000

DL = 1.207

BEC = 20.76

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.13	0.0004	P	16.1
2	☐	500.000	480.462	219781.69	0.3343	P	5.3
3	☐	5000.000	5182.049	2300008.41	3.6012	P	1.5
4	☐	12500.000	13044.740	5656497.92	9.0647	A	1.1
5	☐	25000.000	25748.006	11132226.12	17.8916	A	0.5
6	☐	50000.000	51622.440	22920964.06	35.8706	A	0.3
7	☐	100000.00	101858.12	46760626.39	70.7772	A	0.2
8	☐	500000.00	499413.31	229032307.90	347.0208	A	0.2

$$y = 6.9486\text{E-}004 * x + 4.3460\text{E-}004$$

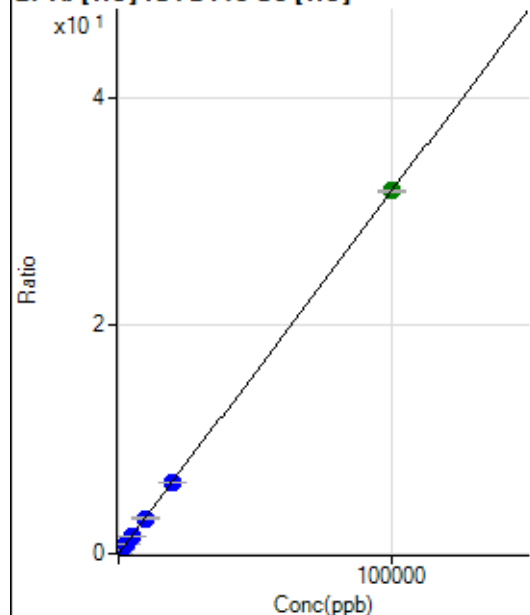
$$R = 1.0000$$

$$DL = 0.3025$$

$$BEC = 0.6254$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0001	P	25.3
2	☐	20.000	17.340	3692.27	0.0056	P	10.4
3	☐	1000.000	985.309	200034.81	0.3132	P	2.2
4	☐	2500.000	2476.260	491082.51	0.7869	P	0.7
5	☐	5000.000	4910.200	970841.52	1.5603	P	0.6
6	☐	10000.000	9803.646	1990593.43	3.1152	P	0.6
7	☐	20000.000	19432.324	4079496.62	6.1748	P	0.3
8	☐	100000.00	100138.40	21001386.06	31.8194	A	0.6

$$y = 3.1775\text{E-}004 * x + 1.0560\text{E-}004$$

$$R = 1.0000$$

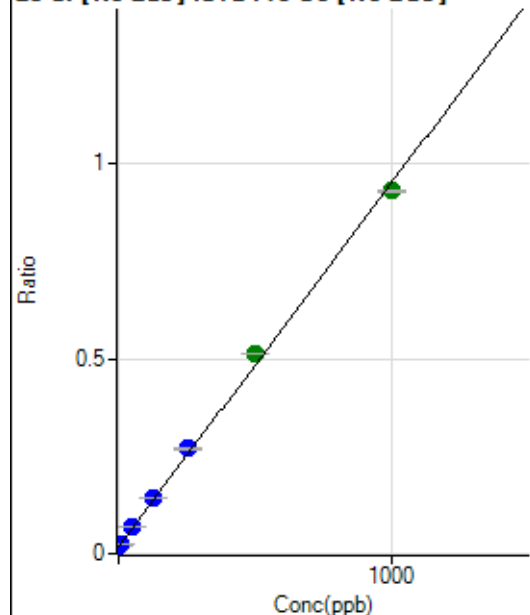
$$DL = 0.2524$$

$$BEC = 0.3323$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	276657.63	0.0178	P	1.3
2	☐	10.000	8.946	409576.13	0.0262	P	0.8
3	☐	50.000	54.479	1059166.82	0.0687	P	0.1
4	☐	125.000	133.409	2093533.05	0.1423	P	0.9
5	☐	250.000	269.276	3944507.08	0.2690	P	2.2
6	☐	500.000	530.755	7588520.83	0.5130	A	0.9
7	☐	1000.000	978.539	14247343.55	0.9307	A	0.8
8	☐			1221214.76	0.0842	P	1.3

$$y = 9.3287E-004 * x + 0.0178$$

$$R = 0.9990$$

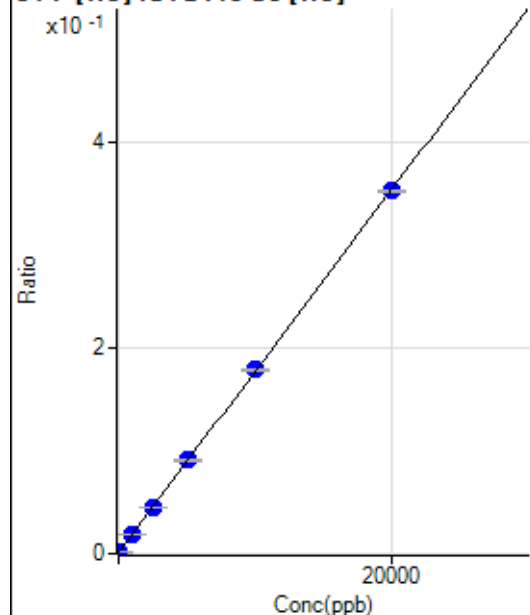
$$DL = 0.7487$$

$$BEC = 19.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.782	411.14	0.0006	P	6.6
2	☐	0.000	20.782	891.73	0.0014	P	2.5
3	☐	1000.000	995.326	11821.84	0.0185	P	3.7
4	☐	2500.000	2497.984	28052.33	0.0450	P	1.8
5	☐	5000.000	5086.302	56312.61	0.0905	P	1.0
6	☐	10000.000	10070.043	113869.05	0.1782	P	2.0
7	☐	20000.000	19943.889	232555.22	0.3520	P	0.2
8	☐			541.70	0.0008	P	8.8

$$y = 1.7599E-005 * x + 9.9066E-004$$

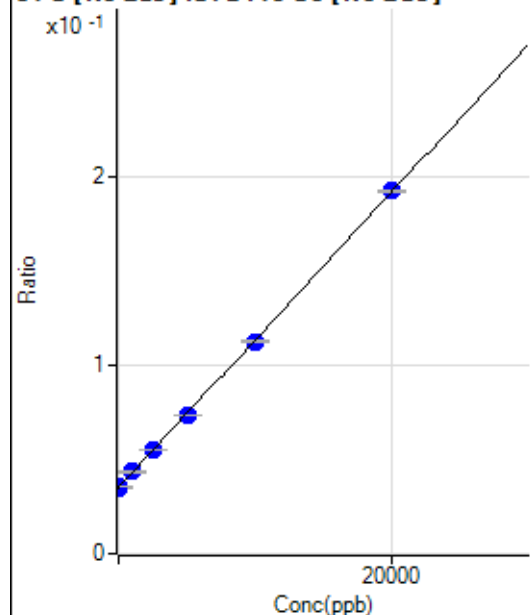
$$R = 1.0000$$

$$DL = 6.367$$

$$BEC = 56.29$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-52.296	539848.49	0.0348	P	1.5
2	☐	0.000	52.296	557453.07	0.0356	P	0.5
3	☐	1000.000	1074.038	673537.20	0.0437	P	1.7
4	☐	2500.000	2556.104	813610.37	0.0553	P	0.5
5	☐	5000.000	4872.098	1077370.55	0.0735	P	1.0
6	☐	10000.000	9886.041	1669216.22	0.1128	P	0.5
7	☐	20000.000	20078.240	2952021.66	0.1928	P	0.6
8	☐			503990.61	0.0347	P	1.3

$$y = 7.8494\text{E-}006 * x + 0.0352$$

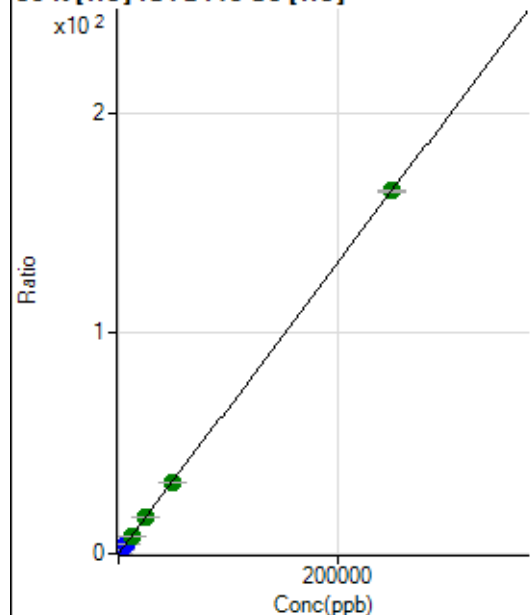
R = 0.9999

DL = 133.6

BEC = 4489

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26101.59	0.0397	P	2.1
2	☐	500.000	477.220	232502.77	0.3536	P	2.2
3	☐	2500.000	2526.671	1087049.02	1.7021	P	0.9
4	☐	6250.000	6294.716	2609245.56	4.1813	P	0.6
5	☐	12500.000	12424.444	5110960.23	8.2143	A	0.4
6	☐	25000.000	24730.043	10422245.37	16.3107	A	0.0
7	☐	50000.000	49314.540	21462621.83	32.4860	A	0.3
8	☐	250000.00	250166.52	108659545.48	164.6359	A	0.4

$$y = 6.5795\text{E-}004 * x + 0.0397$$

R = 1.0000

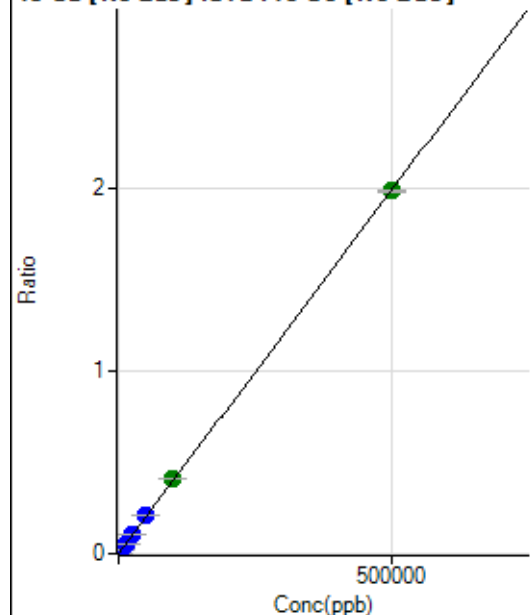
DL = 3.85

BEC = 60.28

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.46	0.0000	P	8.2
2	☐	500.000	517.644	32431.04	0.0021	P	1.9
3	☐	5000.000	5176.206	317690.06	0.0206	P	0.1
4	☐	12500.000	13099.338	766488.40	0.0521	P	0.9
5	☐	25000.000	26183.686	1526639.15	0.1041	P	1.2
6	☐	50000.000	51952.895	3056088.13	0.2066	P	0.4
7	☐	100000.00	102371.55	6231191.72	0.4071	A	0.5
8	☐	500000.00	499254.45	28796354.12	1.9851	A	0.4

$$y = 3.9761\text{E-}006 * x + 1.5779\text{E-}005$$

$$R = 1.0000$$

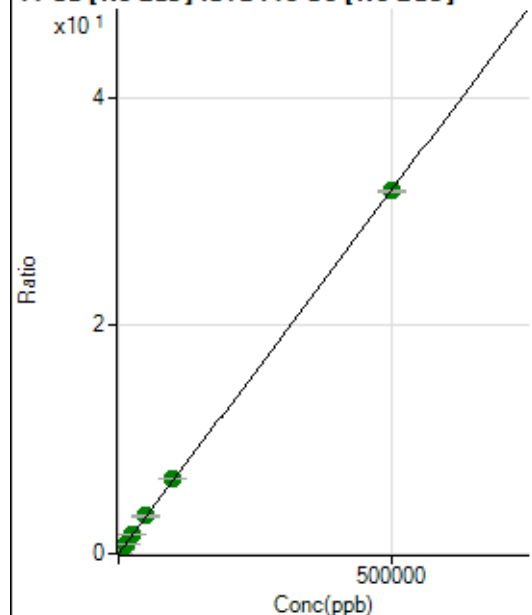
$$DL = 0.977$$

$$BEC = 3.968$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11707.93	0.0008	P	3.6
2	☐	500.000	524.133	533665.57	0.0341	P	0.5
3	☐	5000.000	5151.636	5070974.77	0.3288	A	0.4
4	☐	12500.000	12938.433	12131290.89	0.8246	A	0.3
5	☐	25000.000	26013.816	24296435.09	1.6571	A	0.4
6	☐	50000.000	51666.272	48675887.20	3.2904	A	0.3
7	☐	100000.00	102407.02	99825901.54	6.5211	A	0.9
8	☐	500000.00	499288.77	461172426.98	31.7909	A	0.5

$$y = 6.3671\text{E-}005 * x + 7.5527\text{E-}004$$

$$R = 1.0000$$

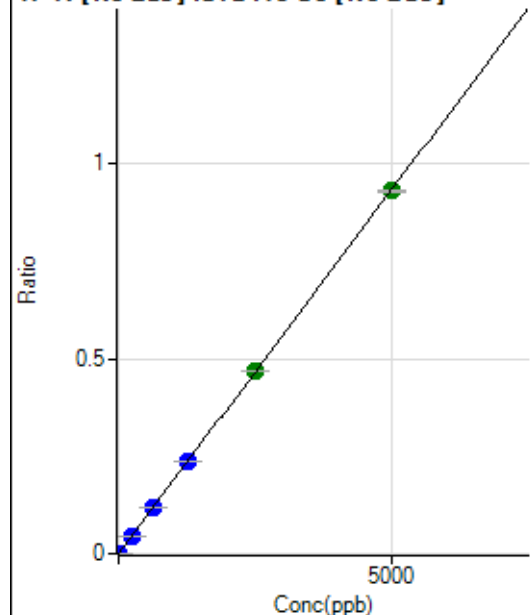
$$DL = 1.285$$

$$BEC = 11.86$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	42.0
2	☐	5.000	5.254	15500.30	0.0010	P	1.4
3	☐	250.000	250.380	720558.16	0.0467	P	0.4
4	☐	625.000	634.513	1741563.62	0.1184	P	0.2
5	☐	1250.000	1260.601	3447945.61	0.2352	P	0.7
6	☐	2500.000	2518.235	6949261.96	0.4698	A	0.3
7	☐	5000.000	4987.024	14240973.76	0.9303	A	0.8
8	☐			4656.49	0.0003	P	3.6

$$y = 1.8654E-004 * x + 1.1110E-005$$

$$R = 1.0000$$

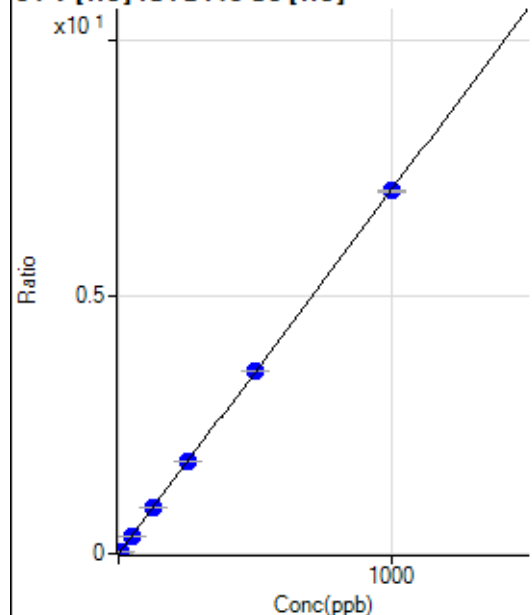
$$DL = 0.07498$$

$$BEC = 0.05956$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.5
2	☐	5.000	4.752	22100.17	0.0336	P	6.8
3	☐	50.000	49.805	224907.75	0.3521	P	1.5
4	☐	125.000	126.622	558666.05	0.8953	P	1.0
5	☐	250.000	252.114	1109074.38	1.7825	P	0.3
6	☐	500.000	503.215	2273375.94	3.5578	P	0.0
7	☐	1000.000	997.672	4660252.60	7.0537	P	0.2
8	☐			1963.49	0.0030	P	1.0

$$y = 0.0071 * x + 1.8566E-005$$

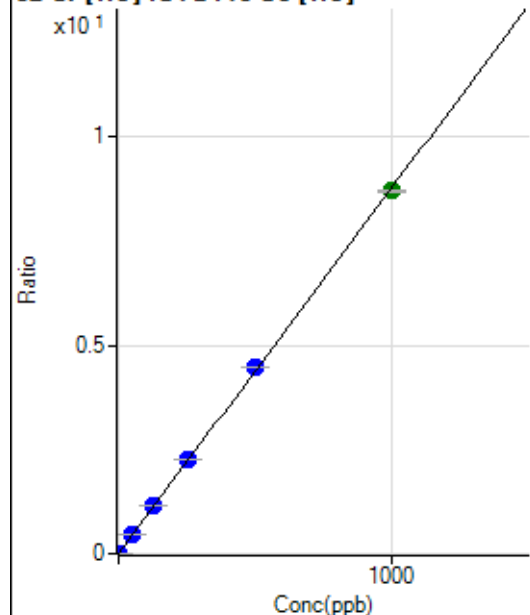
$$R = 1.0000$$

$$DL = 0.004452$$

$$BEC = 0.002626$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1783.48	0.0027	P	8.9
2	☐	2.000	1.821	12278.60	0.0187	P	8.2
3	☐	50.000	51.577	290479.63	0.4548	P	1.6
4	☐	125.000	129.840	711926.59	1.1408	P	1.2
5	☐	250.000	257.273	1404884.36	2.2579	P	0.3
6	☐	500.000	509.099	2853293.43	4.4653	P	0.3
7	☐	1000.000	992.949	5752064.64	8.7066	A	0.9
8	☐			100665.43	0.1525	P	1.0

$$y = 0.0088 * x + 0.0027$$

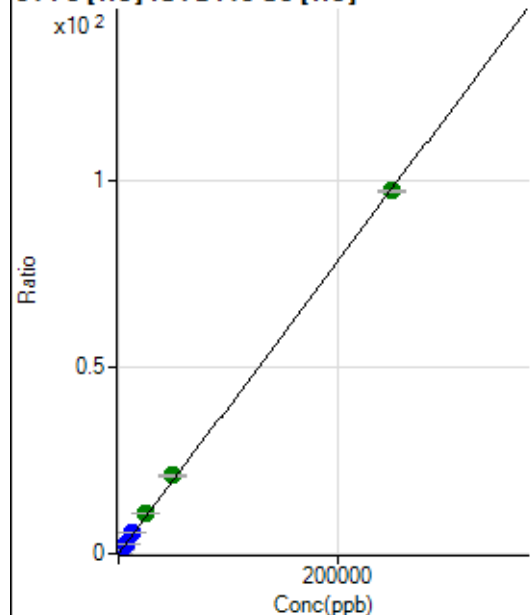
$$R = 0.9999$$

$$DL = 0.08279$$

$$BEC = 0.3091$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	747.47	0.0011	P	6.7
2	☐	50.000	54.882	14846.44	0.0226	P	9.2
3	☐	2500.000	2845.717	710864.02	1.1130	P	1.5
4	☐	6250.000	7221.631	1761574.36	2.8228	P	0.5
5	☐	12500.000	14204.900	3454181.82	5.5514	P	0.5
6	☐	25000.000	27245.241	6802992.65	10.6467	A	0.4
7	☐	50000.000	53487.020	13808222.32	20.9001	A	0.7
8	☐	250000.00	248965.07	64203673.91	97.2793	A	0.2

$$y = 3.9073E-004 * x + 0.0011$$

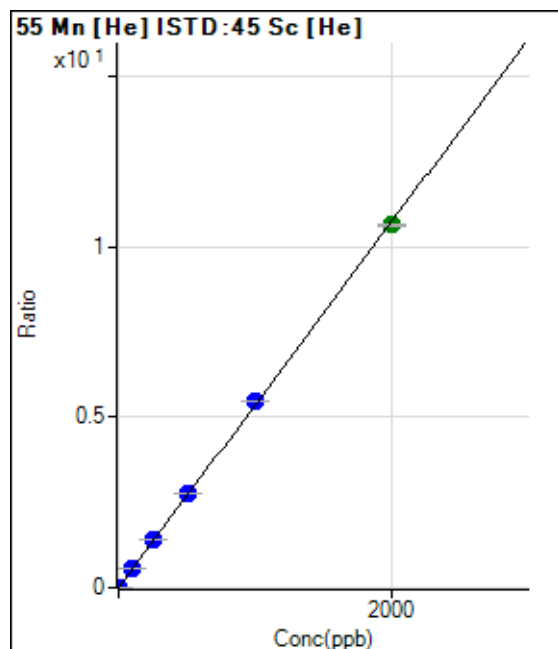
$$R = 0.9999$$

$$DL = 0.5855$$

$$BEC = 2.908$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.44	0.0001	P	7.8
2	☐	1.000	0.997	3577.17	0.0054	P	2.2
3	☐	100.000	103.334	353901.43	0.5541	P	1.4
4	☐	250.000	262.201	877353.66	1.4059	P	0.2
5	☐	500.000	515.259	1718936.92	2.7627	P	0.4
6	☐	1000.000	1020.604	3496565.19	5.4721	P	0.2
7	☐	2000.000	1984.191	7028491.63	10.6383	A	0.6
8	☐			33095.15	0.0501	P	0.8

$$y = 0.0054 * x + 9.7930E-005$$

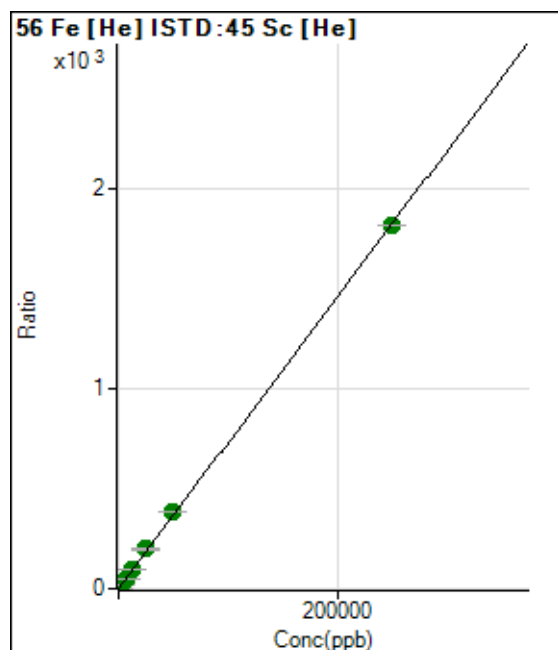
$$R = 0.9999$$

$$DL = 0.004272$$

$$BEC = 0.01827$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6835.12	0.0104	P	1.2
2	☐	50.000	51.186	251844.79	0.3831	P	6.0
3	☐	2500.000	2743.967	12765733.04	19.9879	A	1.4
4	☐	6250.000	6934.642	31513301.17	50.4982	A	0.5
5	☐	12500.000	13709.683	62110881.94	99.8240	A	0.3
6	☐	25000.000	27082.832	125999249.11	197.1874	A	0.3
7	☐	50000.000	53026.002	255069135.33	386.0672	A	0.2
8	☐	250000.00	249106.47	1196993374.9	1,813.634	A	0.2

$$y = 0.0073 * x + 0.0104$$

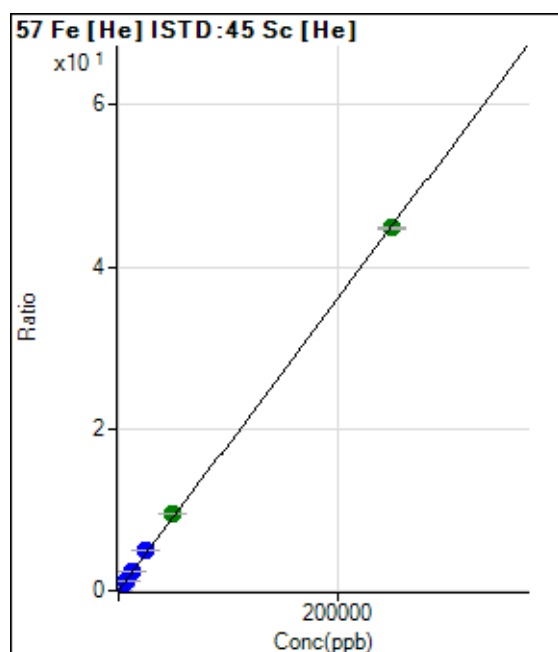
$$R = 0.9999$$

$$DL = 0.05248$$

$$BEC = 1.427$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	231.49	0.0004	P	25.1
2	☐	50.000	54.739	6707.30	0.0102	P	5.7
3	☐	2500.000	2747.463	315987.75	0.4948	P	1.5
4	☐	6250.000	6969.483	782877.88	1.2545	P	0.4
5	☐	12500.000	13779.861	1543089.78	2.4800	P	0.1
6	☐	25000.000	27151.784	3122309.21	4.8863	P	0.4
7	☐	50000.000	52836.416	6281812.87	9.5082	A	0.5
8	☐	250000.00	249133.08	29588436.78	44.8316	A	0.8

$$y = 1.7995\text{E-}004 * x + 3.5156\text{E-}004$$

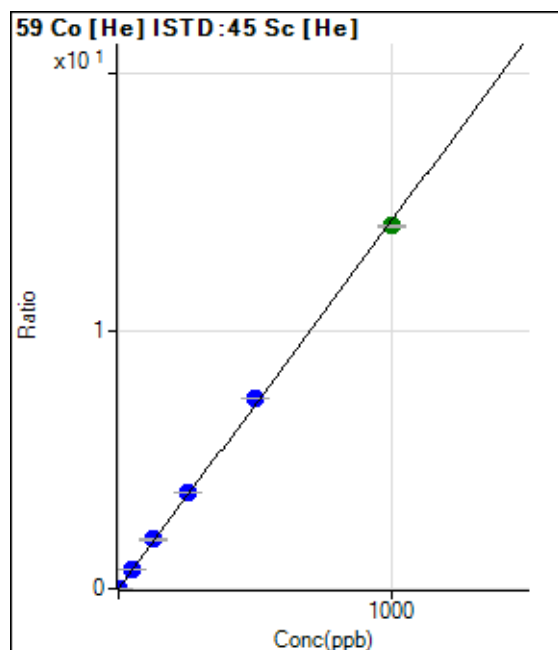
R = 0.9999

DL = 1.469

BEC = 1.954

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	173.34	0.0003	P	15.4
2	☐	1.000	0.958	9173.00	0.0140	P	6.4
3	☐	50.000	53.212	485934.82	0.7608	P	1.6
4	☐	125.000	133.534	1191245.90	1.9089	P	0.4
5	☐	250.000	263.395	2342644.03	3.7651	P	0.3
6	☐	500.000	517.800	4729427.57	7.4013	P	0.5
7	☐	1000.000	986.524	9316192.09	14.1010	A	0.2
8	☐			17739.86	0.0269	P	1.2

$$y = 0.0143 * x + 2.6347\text{E-}004$$

R = 0.9996

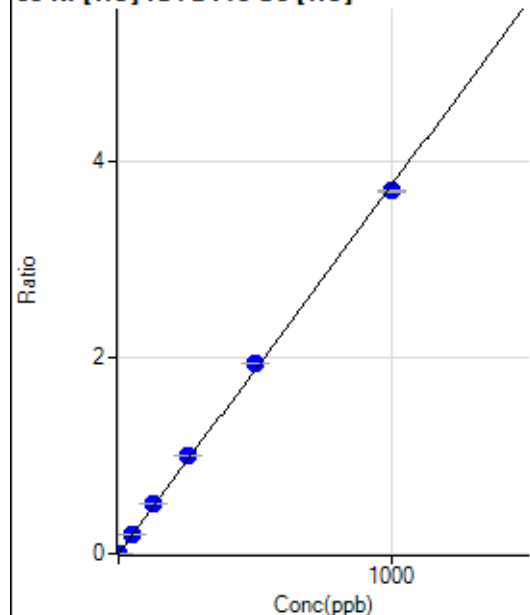
DL = 0.008515

BEC = 0.01843

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0001	P	11.6
2	☐	1.000	1.103	2792.53	0.0042	P	1.0
3	☐	50.000	53.976	129336.37	0.2025	P	2.0
4	☐	125.000	135.153	316343.21	0.5069	P	0.2
5	☐	250.000	264.988	618331.64	0.9938	P	0.3
6	☐	500.000	518.519	1242470.80	1.9445	P	0.1
7	☐	1000.000	985.526	2441692.41	3.6957	P	0.4
8	☐			28560.24	0.0433	P	1.3

$$y = 0.0037 * x + 1.1140E-004$$

$$R = 0.9996$$

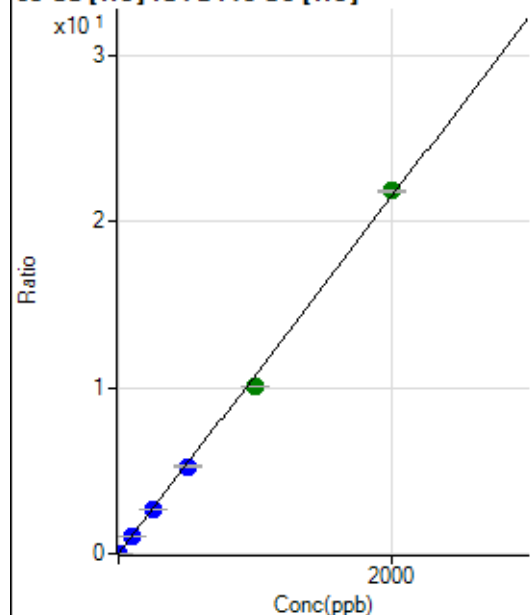
$$DL = 0.01031$$

$$BEC = 0.02971$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1197.85	0.0018	P	2.7
2	☐	2.000	1.883	14509.61	0.0221	P	5.1
3	☐	100.000	100.005	687904.57	1.0771	P	1.3
4	☐	250.000	249.037	1672152.21	2.6795	P	0.2
5	☐	500.000	489.239	3274178.04	5.2622	P	0.4
6	☐	1000.000	941.219	6467713.17	10.1220	A	0.1
7	☐	2000.000	2032.201	14437381.31	21.8524	A	0.3
8	☐			30298.19	0.0459	P	1.5

$$y = 0.0108 * x + 0.0018$$

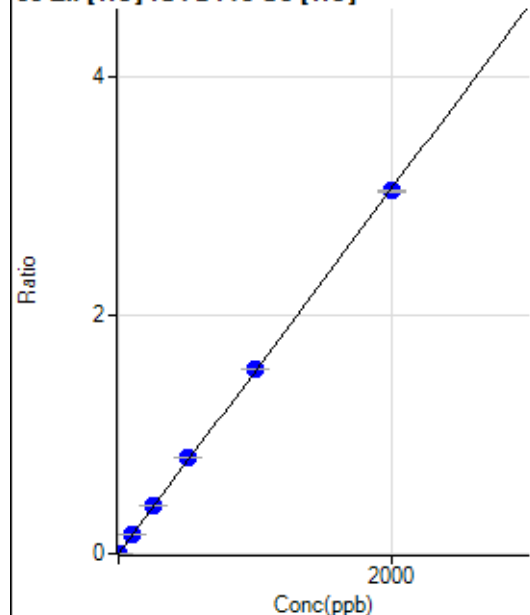
$$R = 0.9993$$

$$DL = 0.0135$$

$$BEC = 0.1693$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	482.24	0.0007	P	13.1
2	☐	2.000	2.757	3253.76	0.0049	P	8.8
3	☐	100.000	105.476	103513.78	0.1621	P	0.9
4	☐	250.000	265.762	254162.10	0.4073	P	0.4
5	☐	500.000	522.347	497633.45	0.7998	P	0.1
6	☐	1000.000	1007.706	985464.74	1.5423	P	0.2
7	☐	2000.000	1988.316	2010013.72	3.0423	P	0.4
8	☐			22479.79	0.0341	P	0.4

$$y = 0.0015 * x + 7.3271E-004$$

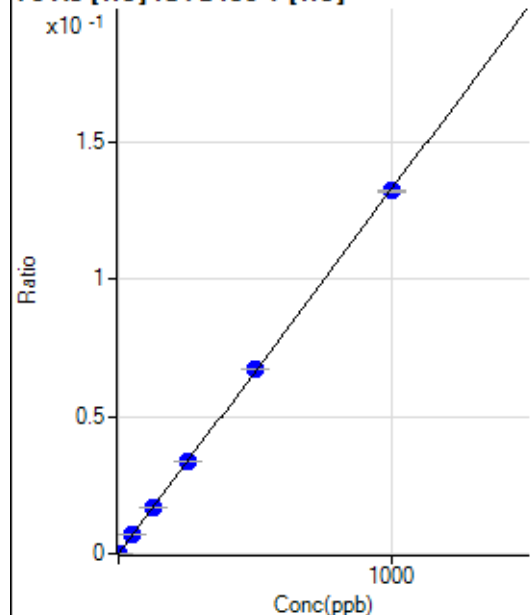
$$R = 0.9999$$

$$DL = 0.1886$$

$$BEC = 0.479$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.58	0.0000	P	56.3
2	☐	1.000	1.015	621.62	0.0001	P	2.5
3	☐	50.000	51.010	30002.52	0.0068	P	2.1
4	☐	125.000	126.915	73139.28	0.0169	P	0.1
5	☐	250.000	253.717	145067.49	0.0337	P	1.0
6	☐	500.000	506.301	294959.49	0.0673	P	0.1
7	☐	1000.000	995.630	588353.22	0.1324	P	0.6
8	☐			333.34	0.0001	P	0.9

$$y = 1.3294E-004 * x + 3.0182E-006$$

$$R = 1.0000$$

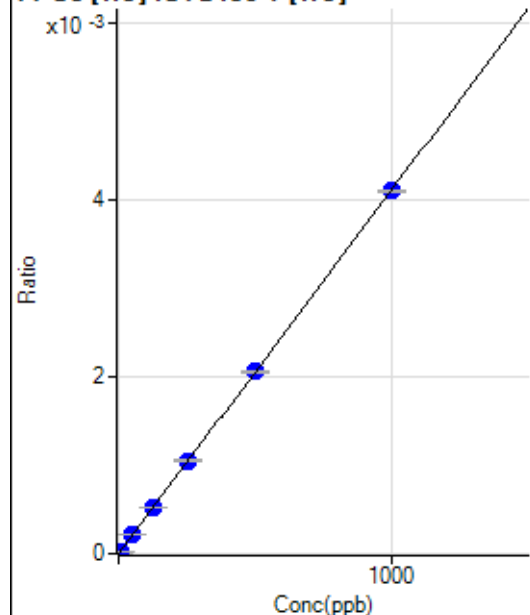
$$DL = 0.03833$$

$$BEC = 0.0227$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.924	92.23	0.0000	P	25.5
3	☐	50.000	52.809	960.05	0.0002	P	5.7
4	☐	125.000	127.505	2270.21	0.0005	P	2.8
5	☐	250.000	255.101	4506.33	0.0010	P	2.4
6	☐	500.000	500.560	9006.27	0.0021	P	1.4
7	☐	1000.000	997.992	18215.00	0.0041	P	0.6
8	☐			11.11	0.0000	P	45.8

$$y = 4.1058\text{E-}006 * x + 2.4763\text{E-}007$$

$$R = 1.0000$$

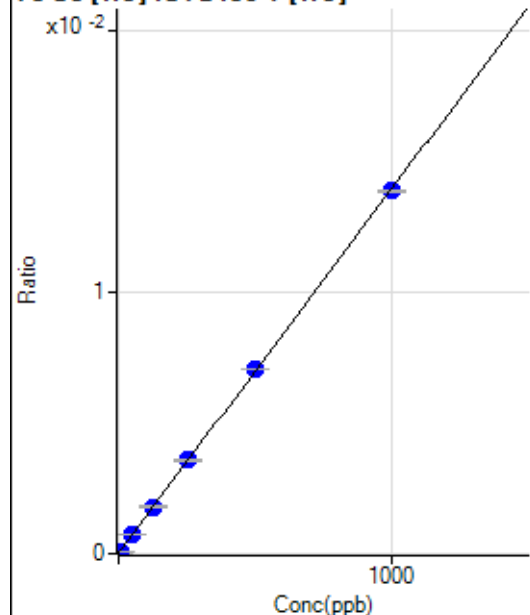
$$DL = 0.3134$$

$$BEC = 0.06031$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.21	0.0000	P	9.6
2	☐	5.000	5.333	427.79	0.0001	P	4.4
3	☐	50.000	51.224	3242.98	0.0007	P	2.6
4	☐	125.000	127.218	7760.16	0.0018	P	2.8
5	☐	250.000	256.454	15430.52	0.0036	P	1.6
6	☐	500.000	506.123	30943.49	0.0071	P	0.6
7	☐	1000.000	994.985	61615.89	0.0139	P	0.5
8	☐			117.90	0.0000	P	8.5

$$y = 1.3911\text{E-}005 * x + 2.0758\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.43$$

$$BEC = 1.492$$

Weight: <None>

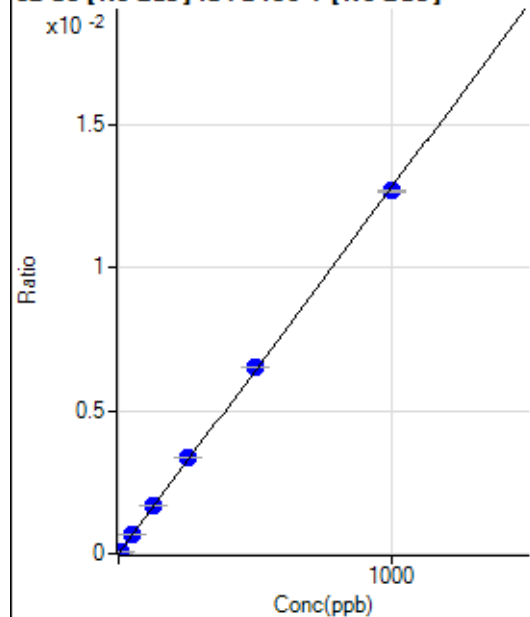
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54940.94		P	0.5
2	☐			52177.36		P	1.3
3	☐			53105.45		P	1.7
4	☐			50192.47		P	1.0
5	☐			48424.45		P	1.9
6	☐			47741.17		P	3.6
7	☐			49317.91		P	1.6
8	☐			51855.89		P	0.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			490.53		P	21.3
2	☐			246.93		P	31.0
3	☐			173.52		P	16.7
4	☐			120.13		P	28.9
5	☐			140.15		P	39.8
6	☐			73.41		P	28.4
7	☐			50.05		P	52.9
8	☐			86.76		P	66.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.47	0.0000	P	87.1
2	☐	5.000	5.502	2486.99	0.0001	P	1.2
3	☐	50.000	52.360	22769.50	0.0007	P	1.2
4	☐	125.000	132.179	55728.66	0.0017	P	1.9
5	☐	250.000	263.361	109800.20	0.0034	P	0.6
6	☐	500.000	509.256	216857.30	0.0065	P	0.3
7	☐	1000.000	991.014	432759.05	0.0127	P	0.6
8	☐			341.83	0.0000	P	25.2

$$y = 1.2796E-005 * x + 2.0040E-006$$

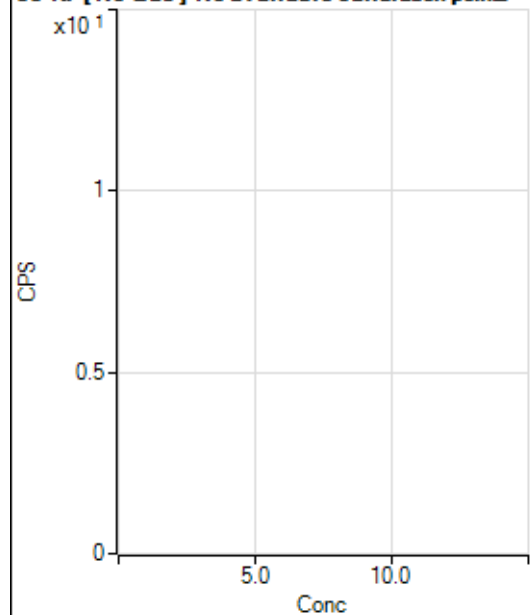
$$R = 0.9998$$

$$DL = 0.4092$$

$$BEC = 0.1566$$

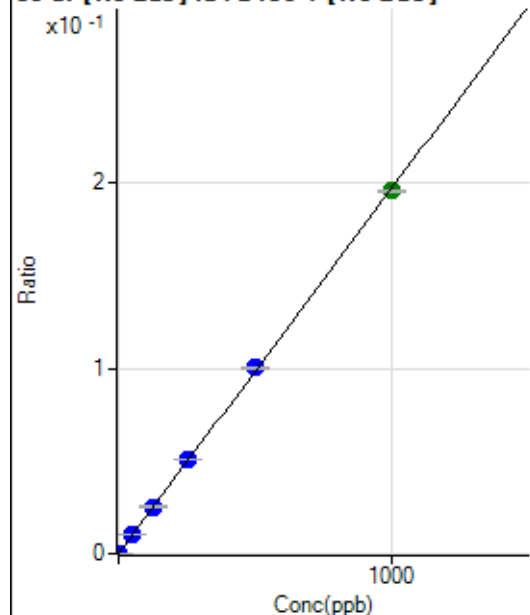
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			864.49		P	5.9
2	☐			861.15		P	5.2
3	☐			848.93		P	6.1
4	☐			830.04		P	1.4
5	☐			835.60		P	2.9
6	☐			830.04		P	9.3
7	☐			873.37		P	8.5
8	☐			924.49		P	8.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1369.57	0.0000	P	11.4
2	☐	1.000	1.015	8244.32	0.0002	P	3.5
3	☐	50.000	51.198	342642.99	0.0101	P	0.5
4	☐	125.000	128.361	832460.11	0.0253	P	0.8
5	☐	250.000	256.299	1643250.73	0.0505	P	0.3
6	☐	500.000	508.276	3328066.16	0.1000	P	0.4
7	☐	1000.000	993.807	6672703.23	0.1956	A	0.6
8	☐			14588.60	0.0005	P	2.7

$$y = 1.9674\text{E-}004 * x + 4.0243\text{E-}005$$

$$R = 0.9999$$

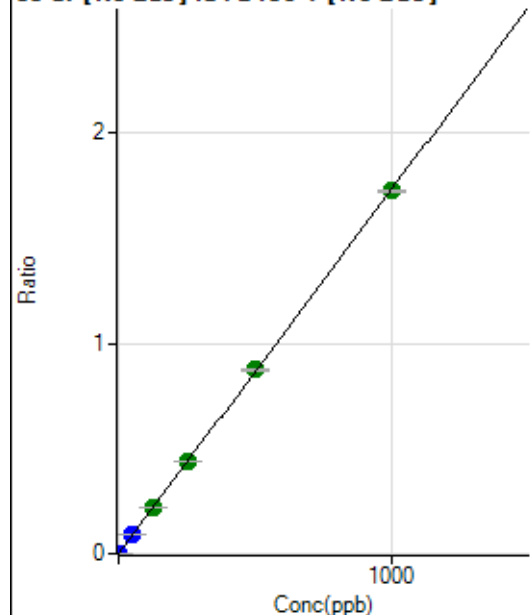
$$DL = 0.06998$$

$$BEC = 0.2045$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	16.5
2	☐	1.000	1.018	60735.10	0.0018	P	1.4
3	☐	50.000	50.629	2969347.76	0.0876	P	0.0
4	☐	125.000	126.388	7199750.94	0.2188	A	1.0
5	☐	250.000	254.734	14357060.74	0.4409	A	0.6
6	☐	500.000	504.726	29063061.76	0.8736	A	0.5
7	☐	1000.000	996.248	58837029.79	1.7244	A	0.7
8	☐			114753.16	0.0036	P	0.9

$$y = 0.0017 * x + 6.2867\text{E-}006$$

$$R = 1.0000$$

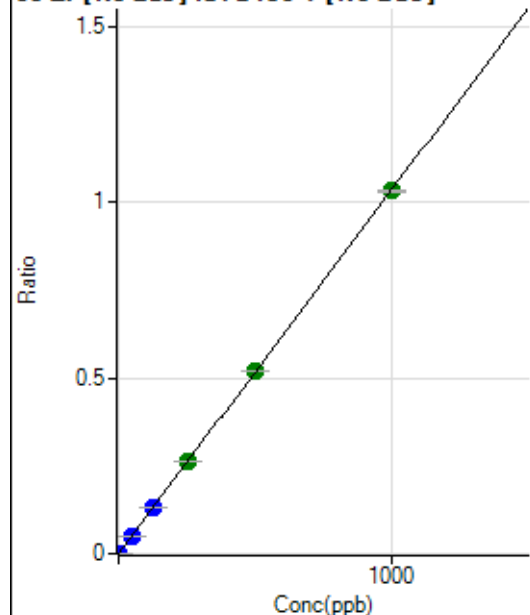
$$DL = 0.001794$$

$$BEC = 0.003632$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1677.95	0.0000	P	3.9
2	☐	1.000	0.802	30177.16	0.0009	P	3.2
3	☐	50.000	49.888	1751108.26	0.0517	P	0.8
4	☐	125.000	126.492	4310049.92	0.1310	P	0.6
5	☐	250.000	253.373	8540274.58	0.2623	A	1.0
6	☐	500.000	502.545	17304902.29	0.5202	A	0.2
7	☐	1000.000	997.703	35234058.77	1.0326	A	0.6
8	☐			12561.58	0.0004	P	4.5

$$y = 0.0010 * x + 4.9285E-005$$

$$R = 1.0000$$

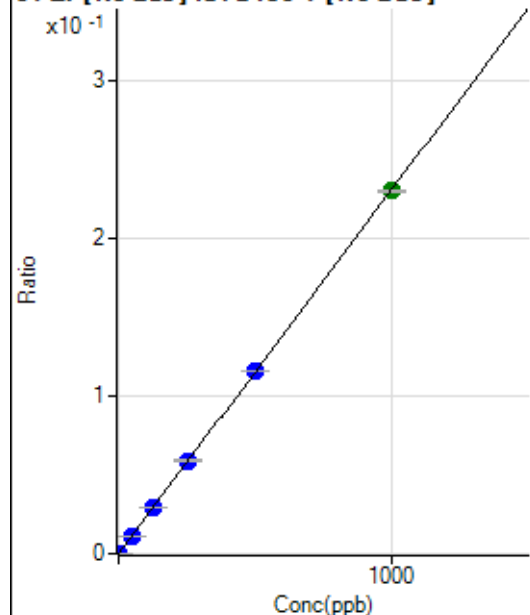
$$DL = 0.005618$$

$$BEC = 0.04762$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0000	P	18.2
2	☐	1.000	0.801	6651.82	0.0002	P	2.1
3	☐	50.000	49.945	390092.10	0.0115	P	0.4
4	☐	125.000	126.888	962165.23	0.0292	P	0.4
5	☐	250.000	255.705	1918076.52	0.0589	P	1.7
6	☐	500.000	501.946	3846595.44	0.1156	P	0.1
7	☐	1000.000	997.368	7838758.94	0.2297	A	0.6
8	☐			2578.12	0.0001	P	6.6

$$y = 2.3034E-004 * x + 9.1362E-006$$

$$R = 1.0000$$

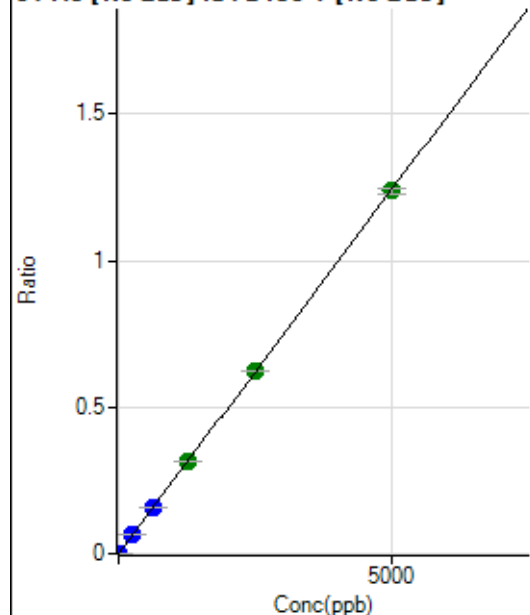
$$DL = 0.02163$$

$$BEC = 0.03966$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	669.48	0.0000	P	5.3
2	☐	5.000	4.835	41873.58	0.0012	P	2.2
3	☐	250.000	251.821	2117648.61	0.0625	P	0.4
4	☐	625.000	634.510	5181795.99	0.1575	P	0.6
5	☐	1250.000	1272.500	10281391.89	0.3158	A	0.5
6	☐	2500.000	2513.665	20749331.36	0.6237	A	0.2
7	☐	5000.000	4986.263	42213206.15	1.2372	A	1.3
8	☐			25573.84	0.0008	P	1.7

$$y = 2.4812\text{E-}004 * x + 1.9663\text{E-}005$$

$$R = 1.0000$$

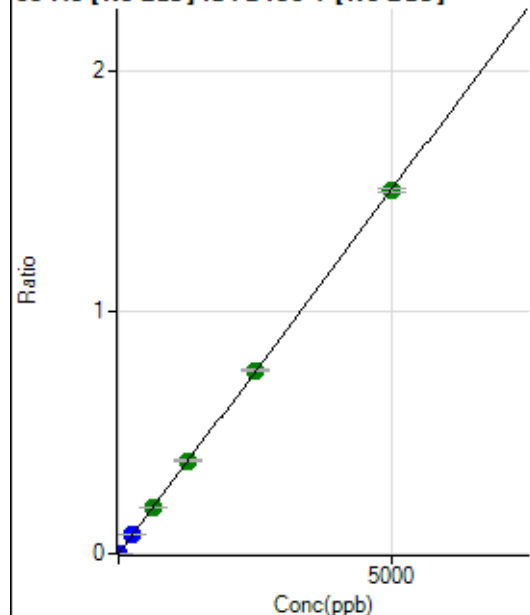
$$DL = 0.01263$$

$$BEC = 0.07925$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	7.1
2	☐	5.000	5.303	55076.41	0.0016	P	2.3
3	☐	250.000	253.505	2587261.78	0.0764	P	0.3
4	☐	625.000	629.475	6239831.57	0.1896	A	0.3
5	☐	1250.000	1277.516	12529312.26	0.3848	A	0.7
6	☐	2500.000	2519.020	25240761.15	0.7587	A	0.3
7	☐	5000.000	4982.876	51208384.83	1.5008	A	1.1
8	☐			38993.14	0.0012	P	2.4

$$y = 3.0119\text{E-}004 * x + 6.6101\text{E-}006$$

$$R = 1.0000$$

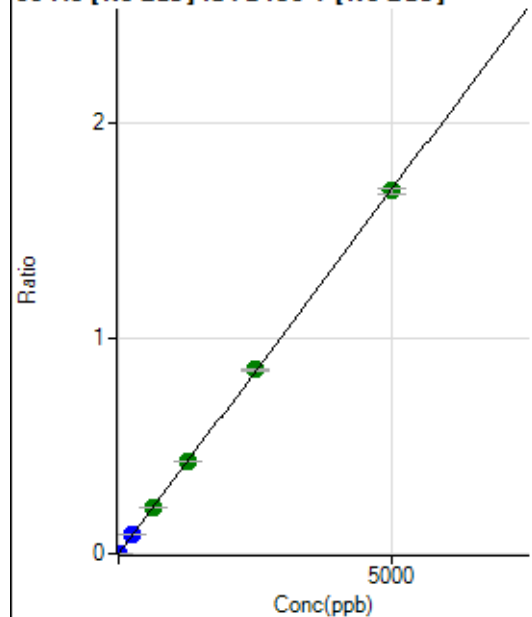
$$DL = 0.004644$$

$$BEC = 0.02195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	466.69	0.0000	P	17.8
2	☐	5.000	5.219	60994.56	0.0018	P	1.2
3	☐	250.000	253.350	2898608.40	0.0856	P	0.4
4	☐	625.000	626.248	6958810.92	0.2114	A	0.5
5	☐	1250.000	1268.903	13950077.74	0.4284	A	0.8
6	☐	2500.000	2522.980	28337996.82	0.8518	A	0.5
7	☐	5000.000	4983.460	57407859.62	1.6825	A	1.3
8	☐			61114.92	0.0019	P	1.9

$$y = 3.3762\text{E-}004 * x + 1.3708\text{E-}005$$

$$R = 1.0000$$

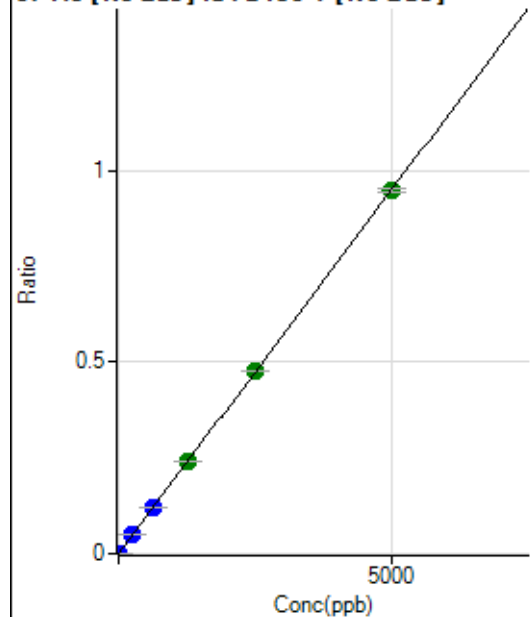
$$DL = 0.02165$$

$$BEC = 0.0406$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	7.3
2	☐	5.000	5.193	34008.07	0.0010	P	2.0
3	☐	250.000	252.537	1622905.65	0.0479	P	0.8
4	☐	625.000	628.840	3924969.49	0.1193	P	0.4
5	☐	1250.000	1265.228	7813397.48	0.2400	A	0.3
6	☐	2500.000	2515.495	15870578.30	0.4771	A	0.5
7	☐	5000.000	4987.839	32275181.63	0.9459	A	1.1
8	☐			22279.35	0.0007	P	2.3

$$y = 1.8965\text{E-}004 * x + 5.3829\text{E-}006$$

$$R = 1.0000$$

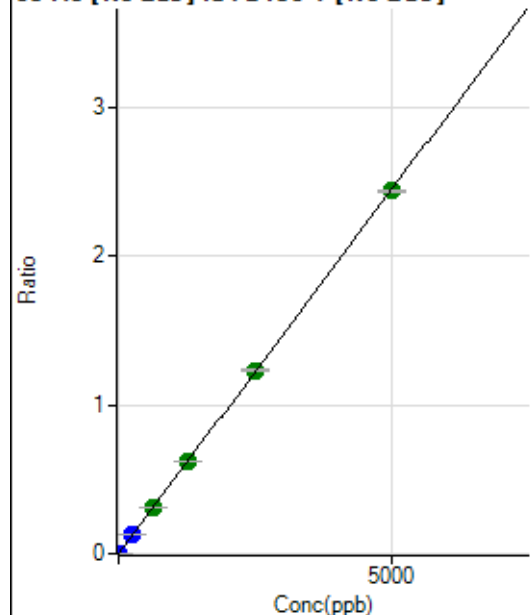
$$DL = 0.006226$$

$$BEC = 0.02838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	400.02	0.0000	P	19.7
2	☐	5.000	5.262	88756.54	0.0026	P	1.3
3	☐	250.000	252.191	4177629.52	0.1233	P	0.2
4	☐	625.000	626.168	10074538.25	0.3061	A	1.0
5	☐	1250.000	1273.532	20273496.81	0.6226	A	0.1
6	☐	2500.000	2520.957	40999863.07	1.2324	A	0.7
7	☐	5000.000	4983.383	83125133.80	2.4363	A	0.7
8	☐			54636.25	0.0017	P	3.2

$$y = 4.8887E-004 * x + 1.1744E-005$$

$$R = 1.0000$$

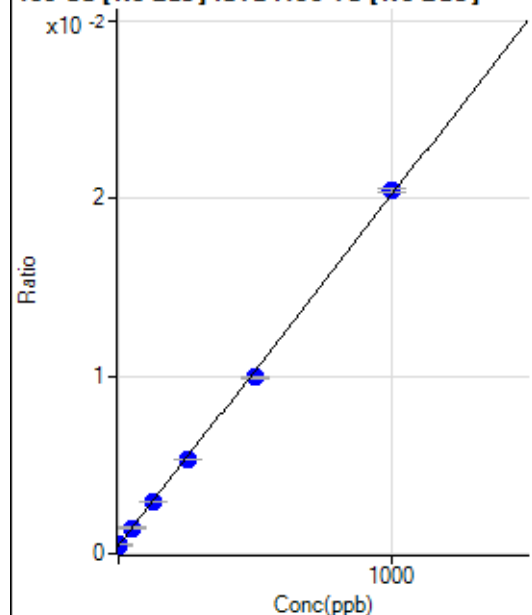
$$DL = 0.0142$$

$$BEC = 0.02402$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15867.91	0.0005	P	1.6
2	☐	1.000	1.836	17252.84	0.0005	P	2.2
3	☐	50.000	49.930	49529.69	0.0015	P	2.3
4	☐	125.000	125.236	98578.19	0.0029	P	1.3
5	☐	250.000	245.607	179594.94	0.0053	P	1.7
6	☐	500.000	478.873	339886.39	0.0099	P	1.6
7	☐	1000.000	1011.635	712302.96	0.0204	P	1.2
8	☐			16051.30	0.0005	P	2.6

$$y = 1.9718E-005 * x + 4.6677E-004$$

$$R = 0.9997$$

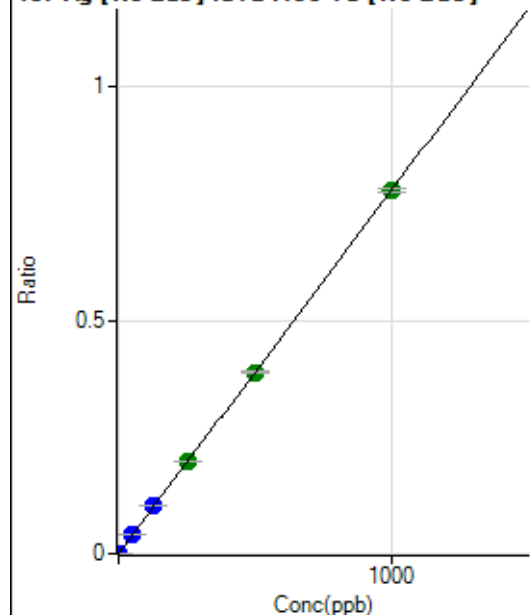
$$DL = 1.119$$

$$BEC = 23.67$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.13	0.0000	P	3.4
2	☐	1.000	0.999	27054.54	0.0008	P	0.9
3	☐	50.000	53.369	1418375.39	0.0416	P	1.1
4	☐	125.000	131.807	3445602.12	0.1026	P	0.4
5	☐	250.000	255.894	6739256.83	0.1992	A	0.3
6	☐	500.000	498.161	13303477.90	0.3878	A	1.1
7	☐	1000.000	998.427	27122624.57	0.7773	A	1.0
8	☐			6498.97	0.0002	P	2.0

$$y = 7.7853\text{E-}004 * x + 1.0623\text{E-}005$$

$$R = 1.0000$$

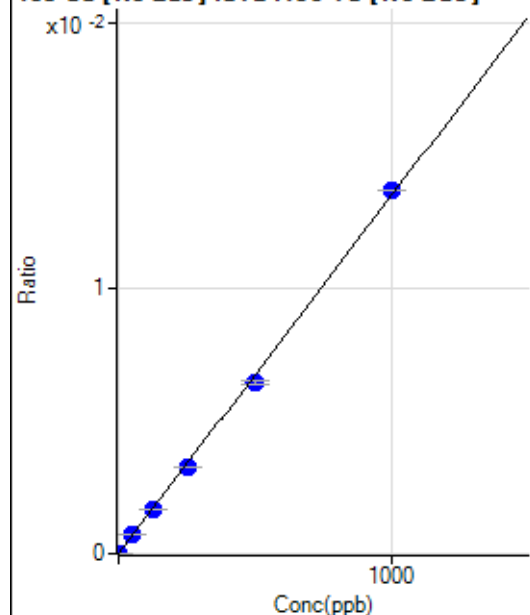
$$DL = 0.001409$$

$$BEC = 0.01364$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	20.0
2	☐	1.000	1.005	512.52	0.0000	P	8.2
3	☐	50.000	51.079	23554.61	0.0007	P	0.6
4	☐	125.000	125.616	56917.04	0.0017	P	0.7
5	☐	250.000	242.583	110696.12	0.0033	P	0.5
6	☐	500.000	477.728	221008.24	0.0064	P	1.5
7	☐	1000.000	1012.859	476620.62	0.0137	P	0.2
8	☐			150.00	0.0000	P	7.3

$$y = 1.3485\text{E-}005 * x + 1.3884\text{E-}006$$

$$R = 0.9996$$

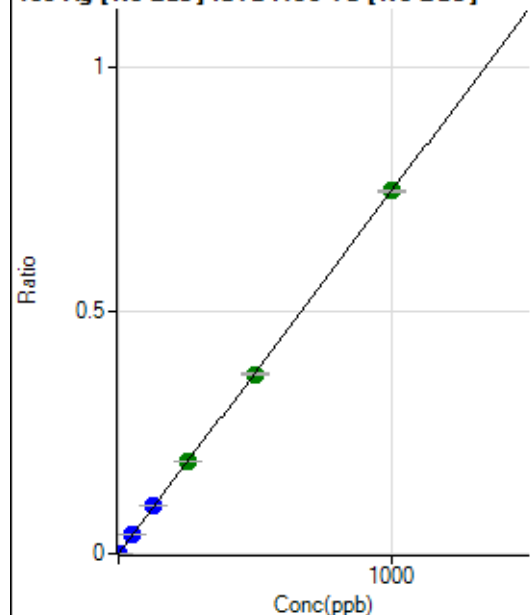
$$DL = 0.06176$$

$$BEC = 0.103$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	40.2
2	☐	1.000	1.020	26208.50	0.0008	P	0.8
3	☐	50.000	54.145	1377654.49	0.0404	P	0.7
4	☐	125.000	133.083	3330982.45	0.0992	P	0.3
5	☐	250.000	253.692	6397335.56	0.1891	A	0.1
6	☐	500.000	494.619	12647648.03	0.3687	A	1.2
7	☐	1000.000	1000.550	26025987.74	0.7459	A	0.7
8	☐			6121.03	0.0002	P	4.5

$$y = 7.4547\text{E-}004 * x + 3.6738\text{E-}006$$

$$R = 0.9999$$

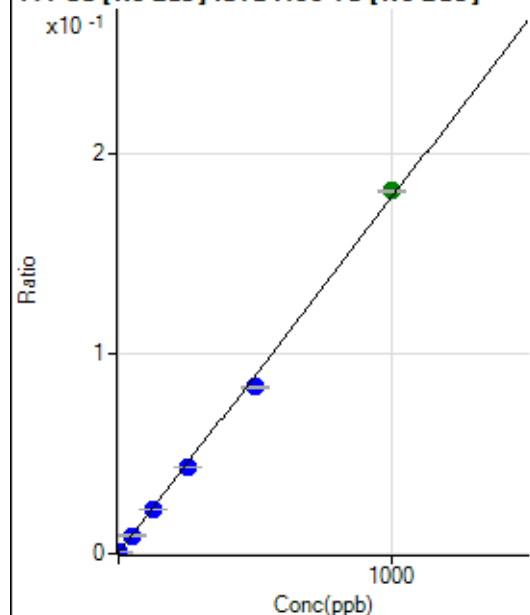
$$DL = 0.005939$$

$$BEC = 0.004928$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11160.59	0.0003	P	1.3
2	☐	1.000	1.107	18014.20	0.0005	P	2.4
3	☐	50.000	49.502	311763.97	0.0091	P	0.7
4	☐	125.000	123.582	749196.01	0.0223	P	0.6
5	☐	250.000	240.359	1457555.23	0.0431	P	0.8
6	☐	500.000	467.080	2861585.97	0.0834	P	1.2
7	☐	1000.000	1019.072	6337683.07	0.1816	A	0.2
8	☐			12249.03	0.0004	P	2.5

$$y = 1.7791\text{E-}004 * x + 3.2830\text{E-}004$$

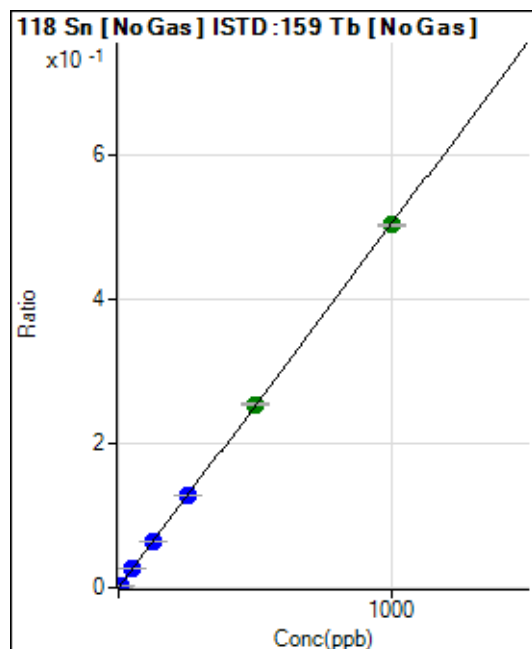
$$R = 0.9991$$

$$DL = 0.07297$$

$$BEC = 1.845$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1947.45	0.0001	P	6.2
2	☐	5.000	5.193	91819.18	0.0027	P	1.2
3	☐	50.000	51.901	895537.03	0.0262	P	1.6
4	☐	125.000	128.646	2180905.84	0.0650	P	0.4
5	☐	250.000	254.871	4351280.74	0.1286	P	0.7
6	☐	500.000	502.900	8704571.37	0.2538	A	0.8
7	☐	1000.000	996.780	17548587.20	0.5029	A	0.8
8	☐			11485.72	0.0004	P	4.0

$$y = 5.0449\text{E-}004 * x + 5.7294\text{E-}005$$

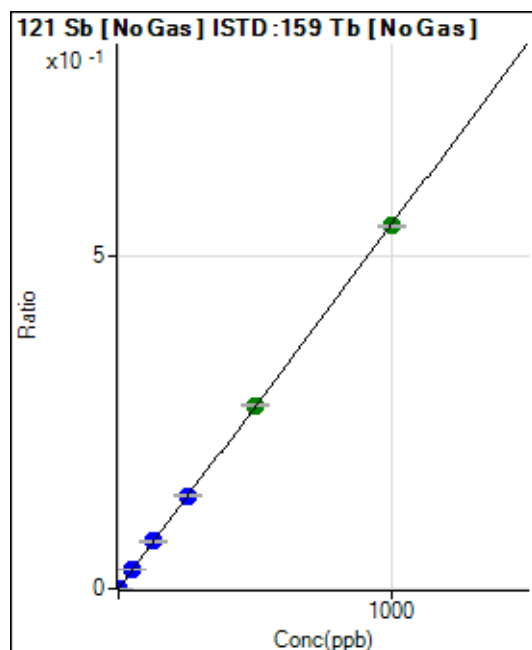
$$R = 1.0000$$

$$DL = 0.0212$$

$$BEC = 0.1136$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	525.03	0.0000	P	19.5
2	☐	2.000	2.036	38748.94	0.0011	P	1.2
3	☐	50.000	51.242	957565.99	0.0281	P	0.8
4	☐	125.000	129.541	2380680.70	0.0709	P	0.8
5	☐	250.000	255.520	4730421.28	0.1399	P	1.4
6	☐	500.000	503.576	9453291.79	0.2756	A	1.4
7	☐	1000.000	996.202	19023701.12	0.5452	A	0.4
8	☐			26183.69	0.0009	P	9.7

$$y = 5.4726\text{E-}004 * x + 1.5451\text{E-}005$$

$$R = 1.0000$$

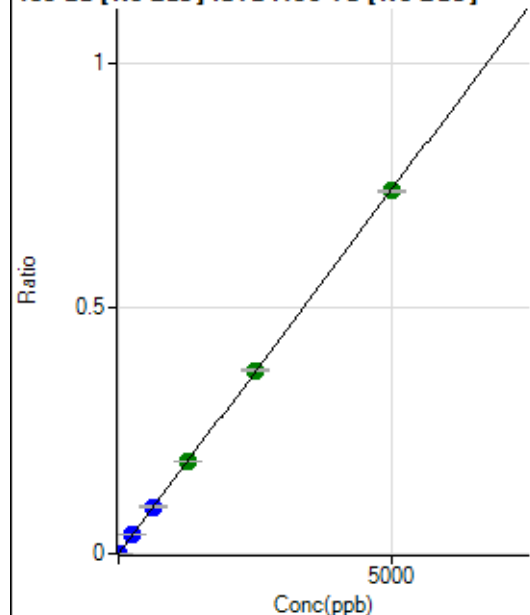
$$DL = 0.01655$$

$$BEC = 0.02823$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	25.1
2	☐	10.000	10.567	53841.10	0.0016	P	0.7
3	☐	250.000	257.568	1304762.09	0.0382	P	0.9
4	☐	625.000	646.306	3220781.10	0.0959	P	0.7
5	☐	1250.000	1266.738	6359822.10	0.1880	A	0.9
6	☐	2500.000	2516.693	12813110.70	0.3735	A	1.1
7	☐	5000.000	4984.426	25815014.29	0.7398	A	0.3
8	☐			43959.34	0.0014	P	1.6

$$y = 1.4843\text{E-}004 * x + 1.1445\text{E-}006$$

$$R = 1.0000$$

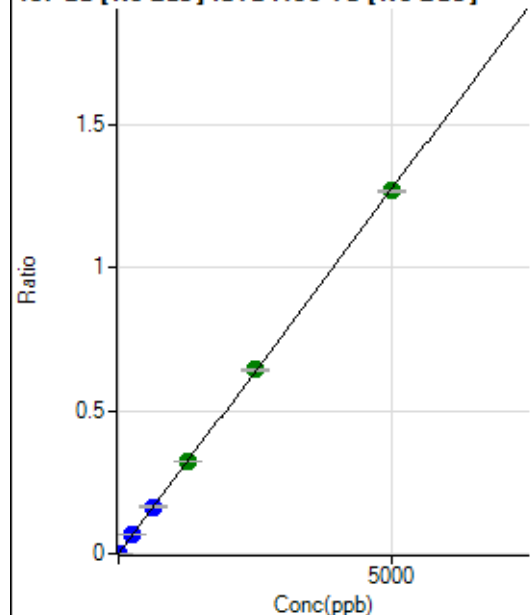
$$DL = 0.005808$$

$$BEC = 0.007711$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	28.1
2	☐	10.000	10.439	91438.99	0.0027	P	1.2
3	☐	250.000	257.412	2240872.60	0.0657	P	0.0
4	☐	625.000	646.139	5533350.34	0.1648	P	0.2
5	☐	1250.000	1268.138	10941009.01	0.3235	A	1.1
6	☐	2500.000	2526.544	22105298.93	0.6444	A	0.7
7	☐	5000.000	4979.180	44314704.81	1.2700	A	0.3
8	☐			75103.26	0.0025	P	0.2

$$y = 2.5506\text{E-}004 * x + 3.0212\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.009984$$

$$BEC = 0.01184$$

Weight: <None>

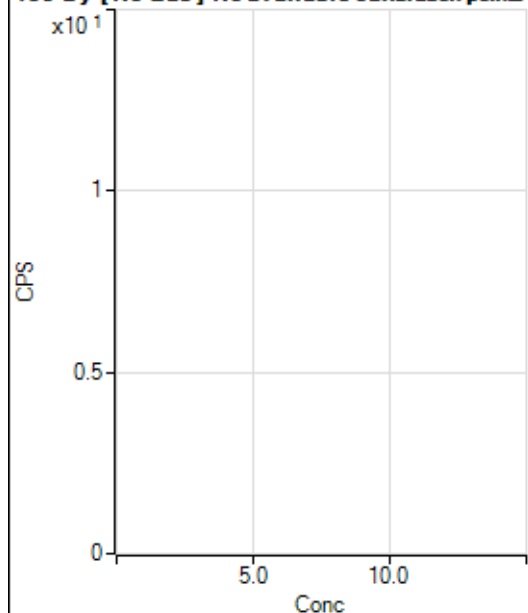
Min Conc: 0

150 Nd [No Gas] No available calibration points

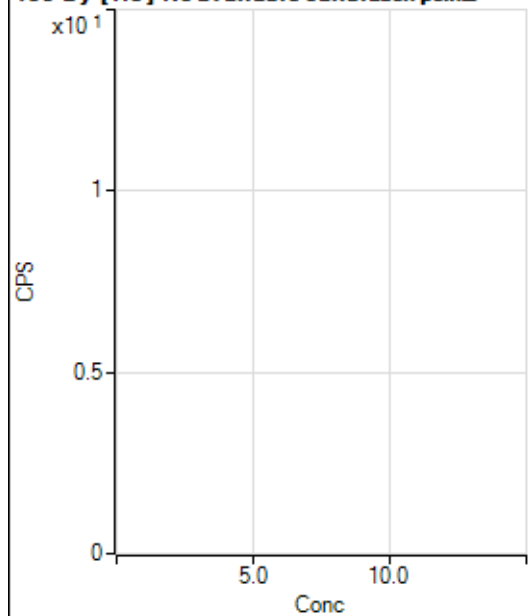
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			13.34		P	86.6
3	☐			160.01		P	8.3
4	☐			328.91		P	10.4
5	☐			713.38		P	16.5
6	☐			1406.79		P	5.2
7	☐			2546.99		P	8.9
8	☐			253.34		P	25.1

150 Nd [He] No available calibration points

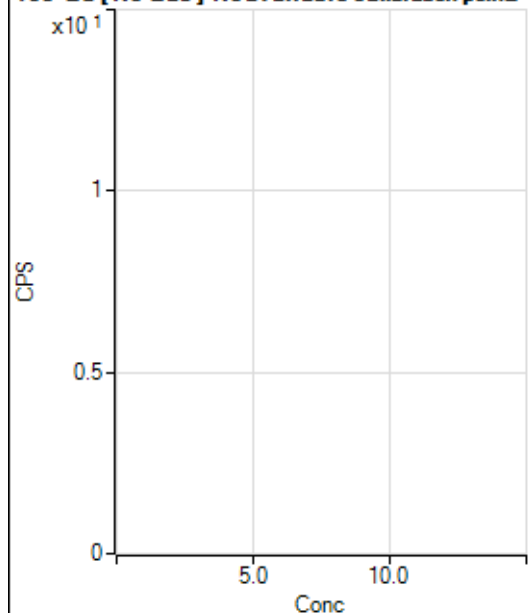
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			3.33		P	100.
3	☐			15.56		P	53.9
4	☐			37.78		P	5.1
5	☐			82.22		P	22.3
6	☐			152.23		P	14.1
7	☐			241.12		P	10.6
8	☐			78.89		P	27.2

156 Dy [No Gas] No available calibration points

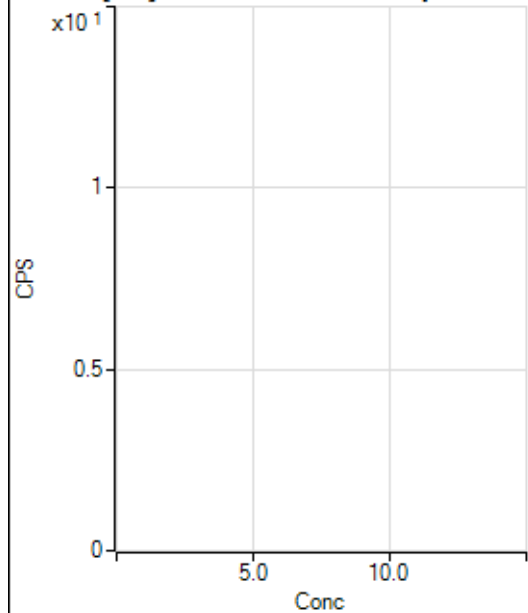
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	0.0
2	☐			30.56		P	41.7
3	☐			75.00		P	44.4
4	☐			172.23		P	28.4
5	☐			188.90		P	14.2
6	☐			447.25		P	5.4
7	☐			816.73		P	4.7
8	☐			1325.13		P	1.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	25.0
2	☐			23.33		P	42.9
3	☐			65.56		P	23.5
4	☐			90.00		P	6.4
5	☐			174.45		P	7.2
6	☐			312.23		P	20.2
7	☐			622.25		P	5.1
8	☐			678.92		P	3.7

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

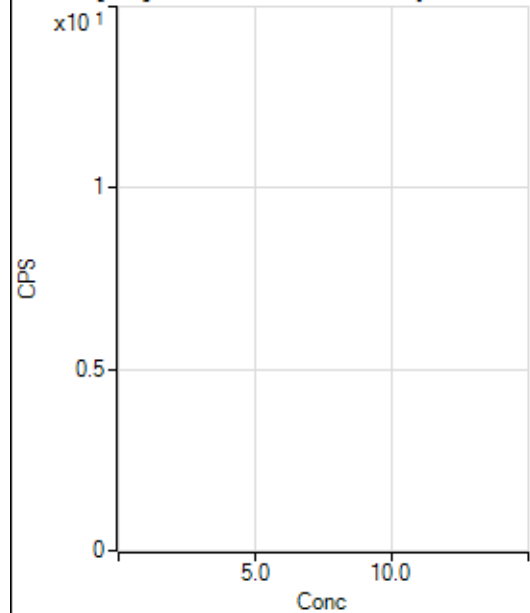
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			305.58		P	10.3
2	☐			297.24		P	16.9
3	☐			311.13		P	16.1
4	☐			302.79		P	5.7
5	☐			327.80		P	13.0
6	☐			433.36		P	3.8
7	☐			555.59		P	23.0
8	☐			1544.60		P	6.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			651.14		P	5.9
2	☐			694.47		P	5.1
3	☐			636.69		P	5.5
4	☐			640.03		P	9.5
5	☐			685.59		P	4.0
6	☐			693.36		P	5.9
7	☐			771.15		P	11.5
8	☐			1306.75		P	2.7

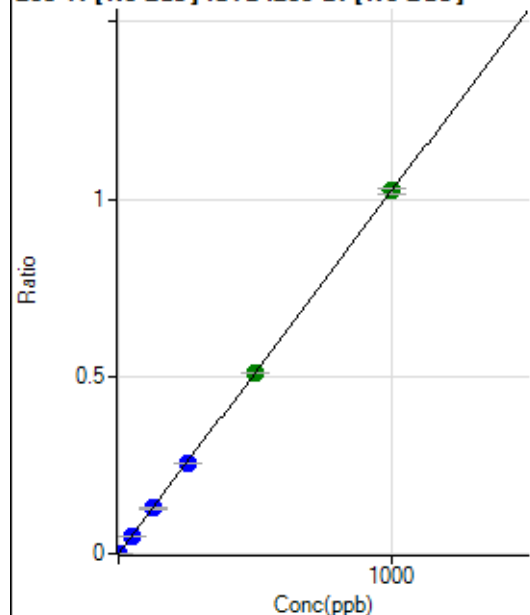
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	37.5
2	☐			163.90		P	21.2
3	☐			186.12		P	14.4
4	☐			127.78		P	39.8
5	☐			197.23		P	28.8
6	☐			236.12		P	14.7
7	☐			205.57		P	36.6
8	☐			366.69		P	18.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			95.56		P	14.1
2	☐			88.89		P	7.8
3	☐			90.00		P	23.1
4	☐			77.78		P	12.4
5	☐			98.89		P	10.3
6	☐			93.34		P	18.6
7	☐			118.89		P	25.1
8	☐			170.00		P	5.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1194.56	0.0001	P	9.2
2	☐	1.000	0.969	23009.61	0.0010	P	1.5
3	☐	50.000	49.340	1094642.91	0.0505	P	0.6
4	☐	125.000	124.665	2705754.12	0.1275	P	0.4
5	☐	250.000	249.977	5411869.61	0.2557	P	1.5
6	☐	500.000	498.889	10712161.44	0.5102	A	0.4
7	☐	1000.000	1000.636	21195900.30	1.0232	A	1.5
8	☐			5879.34	0.0004	P	3.1

$$y = 0.0010 * x + 5.4688E-005$$

$$R = 1.0000$$

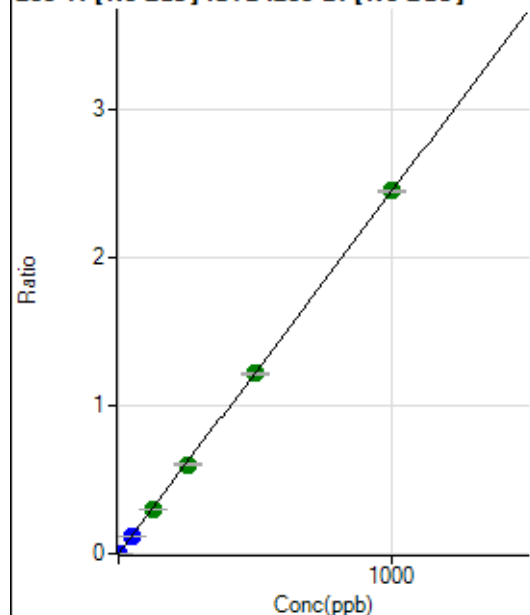
$$DL = 0.0148$$

$$BEC = 0.05348$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2867.11	0.0001	P	6.4
2	☐	1.000	0.956	54425.85	0.0025	P	1.4
3	☐	50.000	49.067	2606889.56	0.1203	P	0.4
4	☐	125.000	122.451	6364644.37	0.3000	A	0.4
5	☐	250.000	246.809	12796242.21	0.6045	A	1.0
6	☐	500.000	498.240	25619709.77	1.2202	A	0.7
7	☐	1000.000	1002.043	50831756.34	2.4539	A	0.8
8	☐			13479.57	0.0008	P	3.1

$$y = 0.0024 * x + 1.3123E-004$$

$$R = 1.0000$$

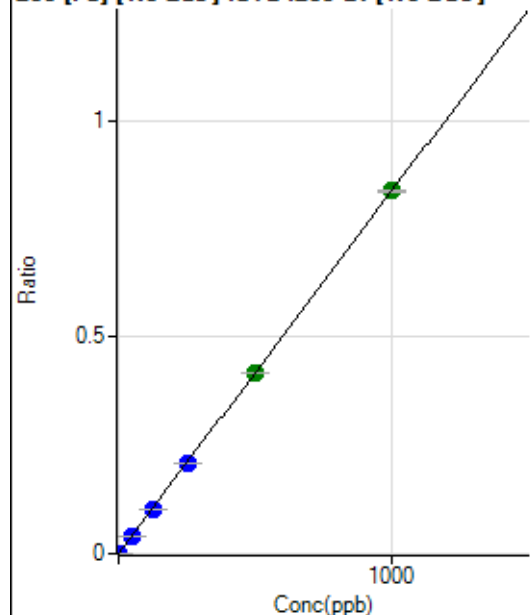
$$DL = 0.01031$$

$$BEC = 0.05359$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1385.30	0.0001	P	2.0
2	☐	1.000	0.959	19047.39	0.0009	P	0.9
3	☐	50.000	49.140	891650.58	0.0411	P	0.5
4	☐	125.000	124.048	2201444.06	0.1038	P	0.7
5	☐	250.000	248.816	4404027.12	0.2081	P	1.7
6	☐	500.000	498.450	8749913.04	0.4167	A	0.6
7	☐	1000.000	1001.233	17338880.13	0.8370	A	0.7
8	☐			67648.07	0.0042	P	0.7

$$y = 8.3592\text{E-}004 * x + 6.3420\text{E-}005$$

$$R = 1.0000$$

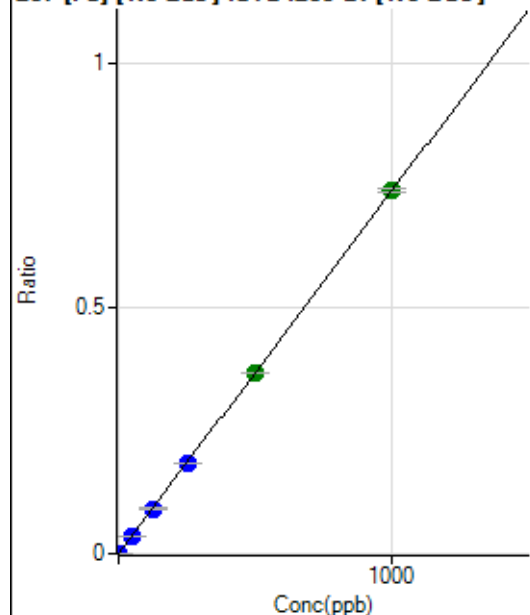
$$DL = 0.004564$$

$$BEC = 0.07587$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1255.65	0.0001	P	3.3
2	☐	1.000	0.962	16909.36	0.0008	P	1.1
3	☐	50.000	49.098	787216.94	0.0363	P	0.1
4	☐	125.000	124.272	1948738.12	0.0918	P	0.7
5	☐	250.000	248.997	3894310.94	0.1840	P	1.4
6	☐	500.000	498.081	7725668.92	0.3680	A	0.3
7	☐	1000.000	1001.347	15322296.99	0.7397	A	1.0
8	☐			61145.97	0.0038	P	0.2

$$y = 7.3862\text{E-}004 * x + 5.7503\text{E-}005$$

$$R = 1.0000$$

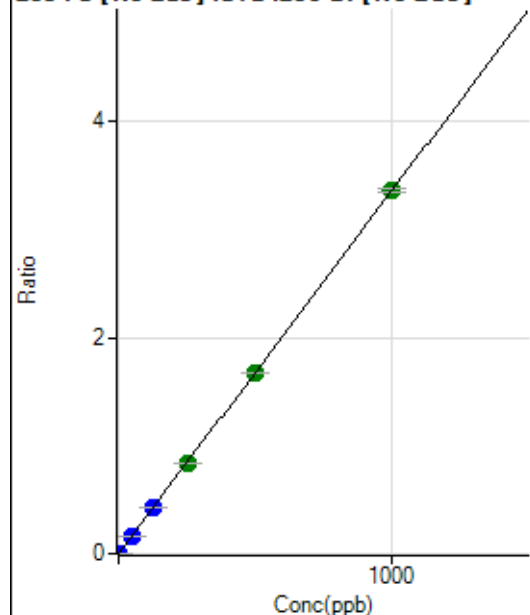
$$DL = 0.007655$$

$$BEC = 0.07785$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5076.43	0.0002	P	1.5
2	☐	1.000	0.962	76240.35	0.0035	P	0.4
3	☐	50.000	49.336	3594861.09	0.1659	P	0.2
4	☐	125.000	124.944	8904786.52	0.4197	P	0.5
5	☐	250.000	249.385	17728016.28	0.8375	A	1.0
6	☐	500.000	498.372	35135280.53	1.6734	A	0.2
7	☐	1000.000	1001.008	69620136.74	3.3609	A	0.9
8	☐			273958.15	0.0169	P	0.4

$$y = 0.0034 * x + 2.3241E-004$$

$$R = 1.0000$$

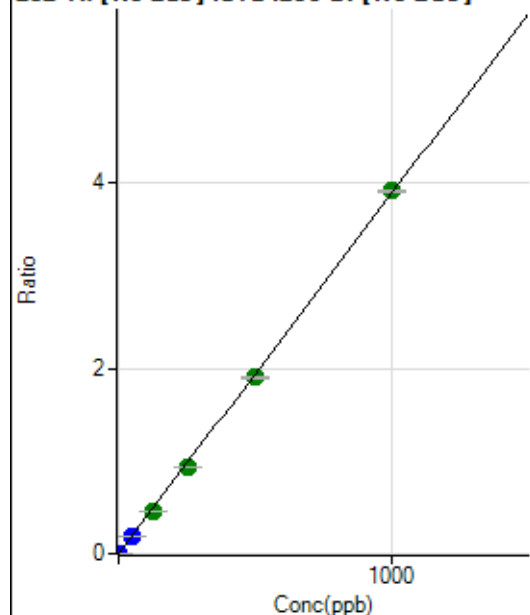
$$DL = 0.003132$$

$$BEC = 0.06923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3033.78	0.0001	P	8.5
2	☐	1.000	0.698	62750.34	0.0029	P	3.4
3	☐	50.000	45.818	3859950.12	0.1781	P	0.3
4	☐	125.000	118.194	9742934.01	0.4592	A	0.7
5	☐	250.000	241.172	19831904.38	0.9368	A	0.6
6	☐	500.000	490.309	39987670.80	1.9045	A	0.6
7	☐	1000.000	1008.113	81113469.41	3.9156	A	0.6
8	☐			17695.73	0.0011	P	4.6

$$y = 0.0039 * x + 1.3889E-004$$

$$R = 0.9999$$

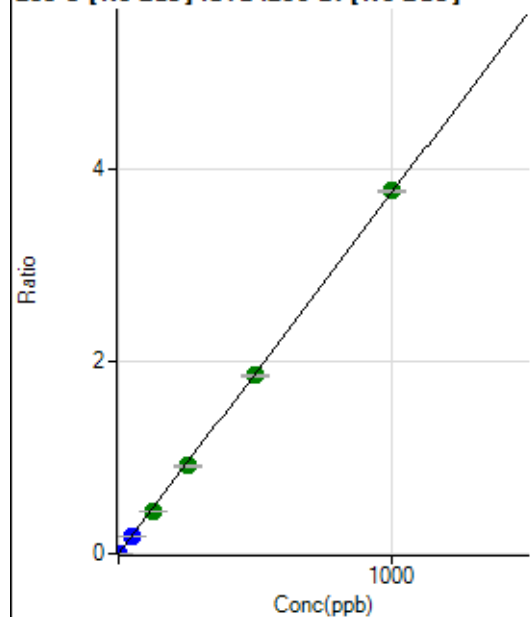
$$DL = 0.009087$$

$$BEC = 0.03576$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2111.39	0.0001	P	2.6
2	☐	1.000	0.880	75008.11	0.0034	P	2.5
3	☐	50.000	47.030	3836583.47	0.1770	P	0.4
4	☐	125.000	118.953	9496440.23	0.4476	A	0.8
5	☐	250.000	243.626	19402818.66	0.9166	A	1.1
6	☐	500.000	494.121	39031001.92	1.8589	A	1.1
7	☐	1000.000	1005.438	78354893.42	3.7825	A	0.8
8	☐			13513.08	0.0008	P	2.1

$$y = 0.0038 * x + 9.6688E-005$$

$$R = 0.9999$$

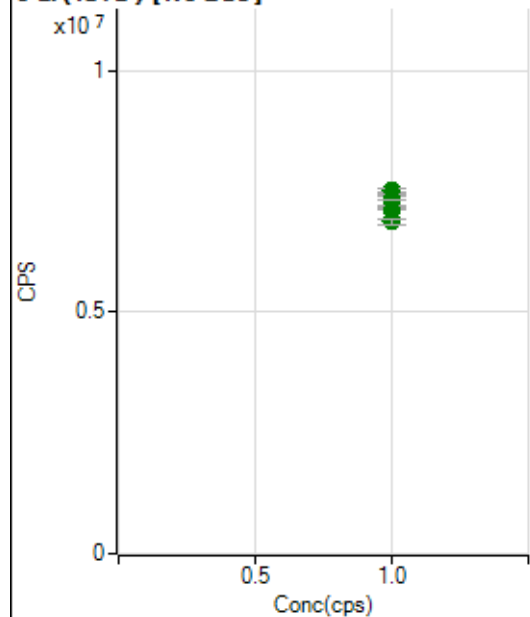
$$DL = 0.001976$$

$$BEC = 0.0257$$

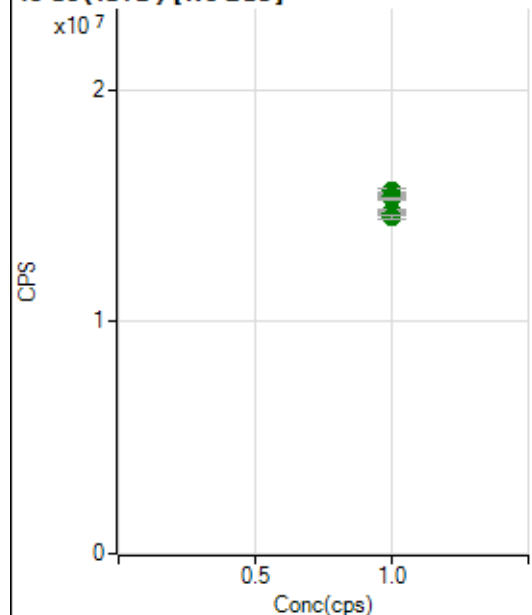
Weight: <None>

Min Conc: 0

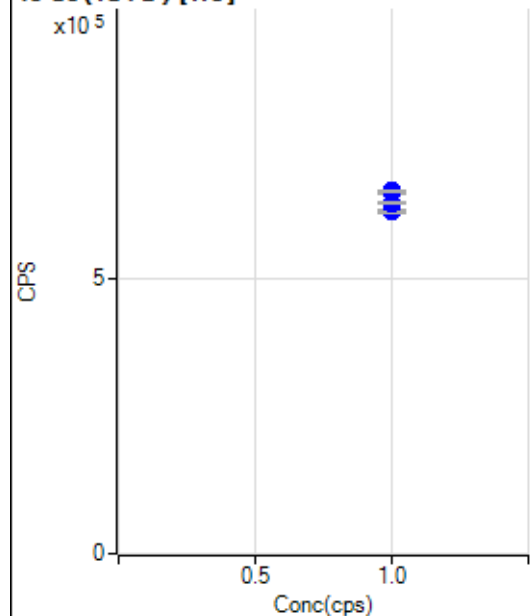
6 Li (ISTD) [No Gas]



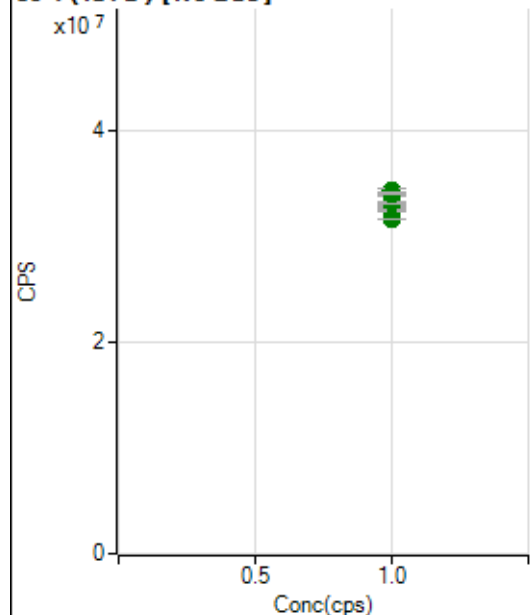
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7472421.83		A	0.3
2	☐	1.000		7512312.94		A	1.2
3	☐	1.000		7433683.01		A	0.5
4	☐	1.000		7199284.20		A	0.4
5	☐	1.000		7144643.43		A	0.6
6	☐	1.000		7210011.49		A	0.2
7	☐	1.000		7322931.76		A	0.3
8	☐	1.000		6872146.35		A	1.4

45 Sc (ISTD) [No Gas]

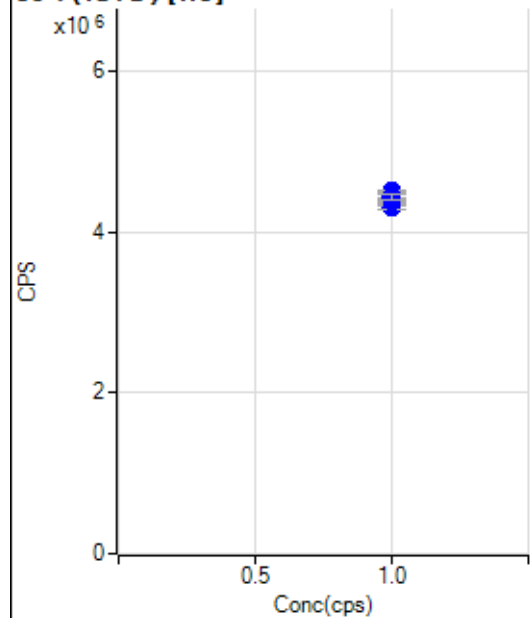
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15502731.25		A	1.2
2	☐	1.000		15638080.04		A	1.2
3	☐	1.000		15424127.43		A	0.7
4	☐	1.000		14712759.88		A	0.9
5	☐	1.000		14662553.63		A	0.8
6	☐	1.000		14793313.70		A	0.3
7	☐	1.000		15308461.11		A	0.9
8	☐	1.000		14506467.34		A	0.7

45 Sc (ISTD) [He]

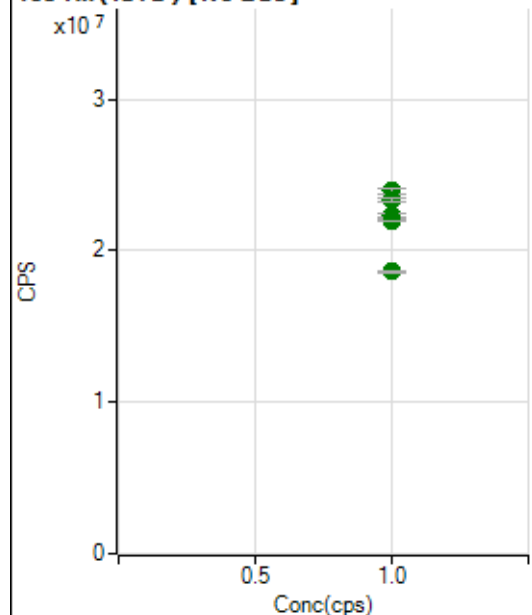
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		658034.02		P	0.5
2	☐	1.000		657421.64		P	0.2
3	☐	1.000		638630.11		P	0.8
4	☐	1.000		624056.36		P	0.9
5	☐	1.000		622208.88		P	0.4
6	☐	1.000		638980.89		P	0.8
7	☐	1.000		660679.62		P	0.7
8	☐	1.000		660001.55		P	0.8

89 Y (ISTD) [No Gas]

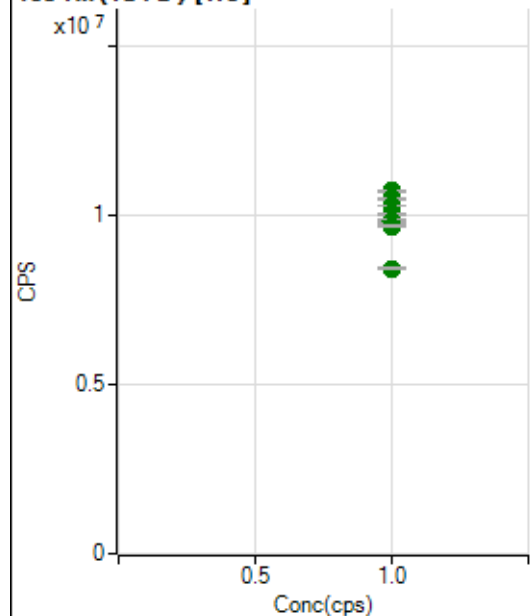
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		34051012.55		A	0.7
2	☐	1.000		34351980.60		A	1.9
3	☐	1.000		33881724.22		A	0.4
4	☐	1.000		32910608.12		A	0.6
5	☐	1.000		32562389.79		A	0.6
6	☐	1.000		33267759.23		A	0.5
7	☐	1.000		34120605.05		A	0.3
8	☐	1.000		31730807.58		A	0.2

89 Y (ISTD) [He]

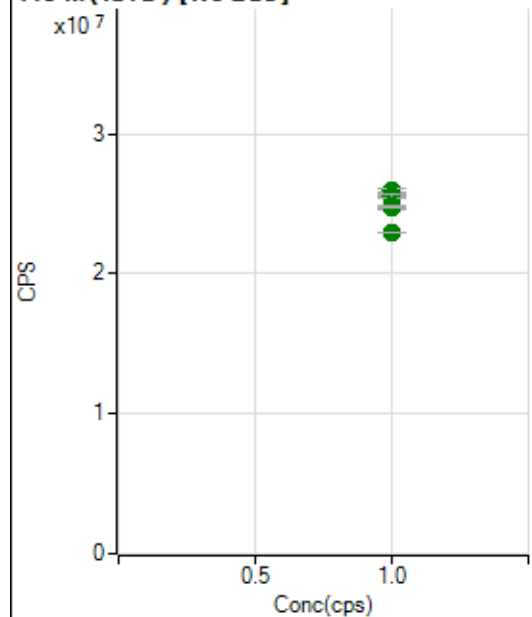
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4491678.61		P	0.5
2	☐	1.000		4505620.35		P	0.2
3	☐	1.000		4422180.18		P	0.4
4	☐	1.000		4334155.07		P	0.5
5	☐	1.000		4300822.16		P	1.0
6	☐	1.000		4382065.00		P	0.9
7	☐	1.000		4445196.74		P	1.1
8	☐	1.000		4428738.27		P	1.2

103 Rh (ISTD) [No Gas]

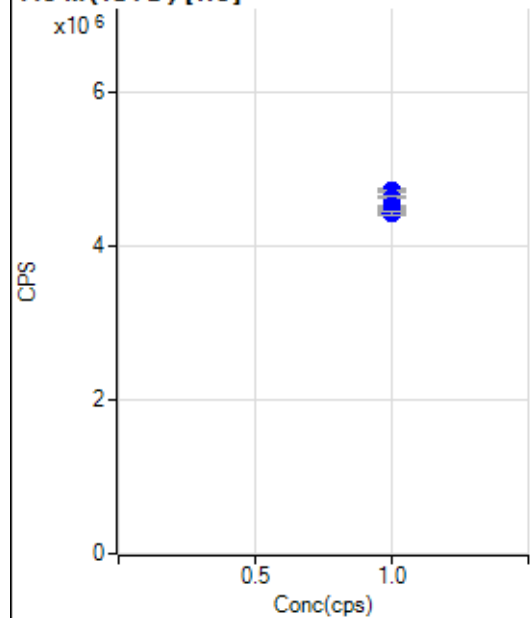
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		23740582.82		A	0.1
2	☐	1.000		23957091.51		A	1.5
3	☐	1.000		23413447.40		A	1.0
4	☐	1.000		22306307.10		A	1.1
5	☐	1.000		22124221.50		A	1.1
6	☐	1.000		22053257.96		A	0.6
7	☐	1.000		21946910.91		A	0.3
8	☐	1.000		18604795.38		A	0.6

103 Rh (ISTD) [He]

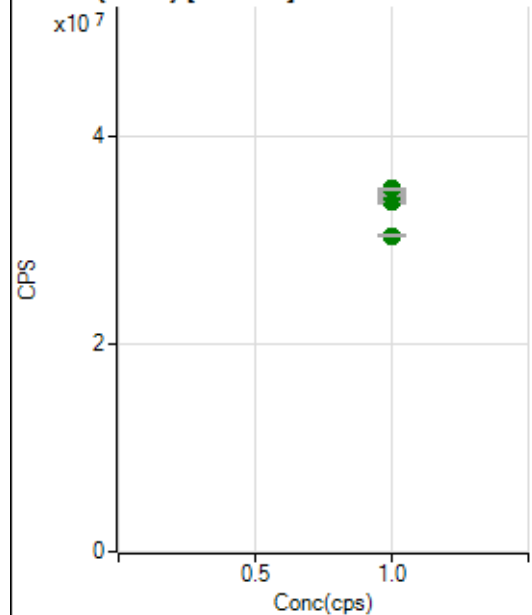
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10732892.97		A	0.5
2	☐	1.000		10497651.72		A	0.7
3	☐	1.000		10304440.54		A	0.4
4	☐	1.000		10041932.90		A	0.4
5	☐	1.000		9849974.65		A	0.7
6	☐	1.000		9823619.65		A	1.0
7	☐	1.000		9695168.26		A	0.4
8	☐	1.000		8429896.96		A	0.7

115 In (ISTD) [No Gas]

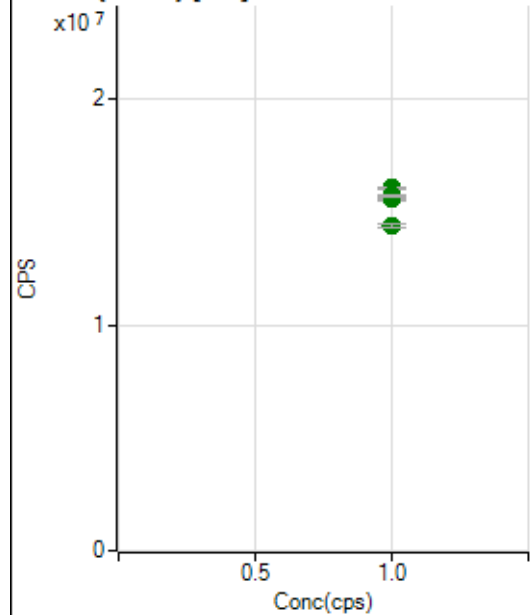
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25660760.07		A	0.6
2	☐	1.000		25914848.04		A	1.1
3	☐	1.000		25567257.19		A	0.8
4	☐	1.000		24697463.28		A	0.3
5	☐	1.000		24686309.69		A	0.9
6	☐	1.000		24738837.53		A	0.2
7	☐	1.000		24812279.33		A	0.7
8	☐	1.000		22955643.31		A	0.3

115 In (ISTD) [He]

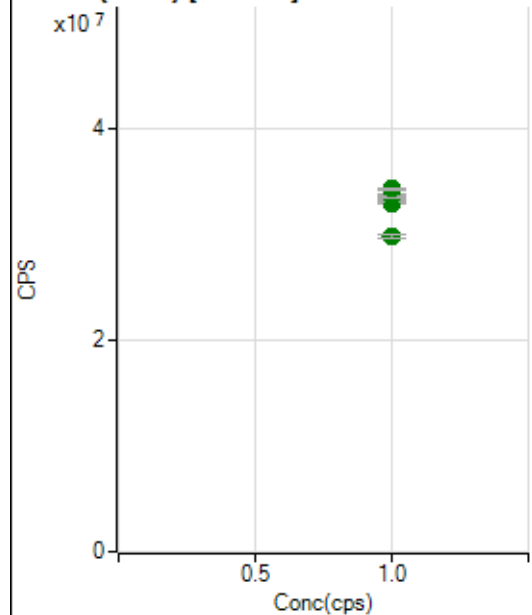
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4721387.27		P	1.1
2	☐	1.000		4723682.82		P	0.3
3	☐	1.000		4632363.85		P	0.5
4	☐	1.000		4530034.14		P	0.4
5	☐	1.000		4460347.69		P	0.7
6	☐	1.000		4489391.85		P	1.2
7	☐	1.000		4461834.28		P	1.0
8	☐	1.000		4435370.88		P	1.0

159 Tb (ISTD) [No Gas]

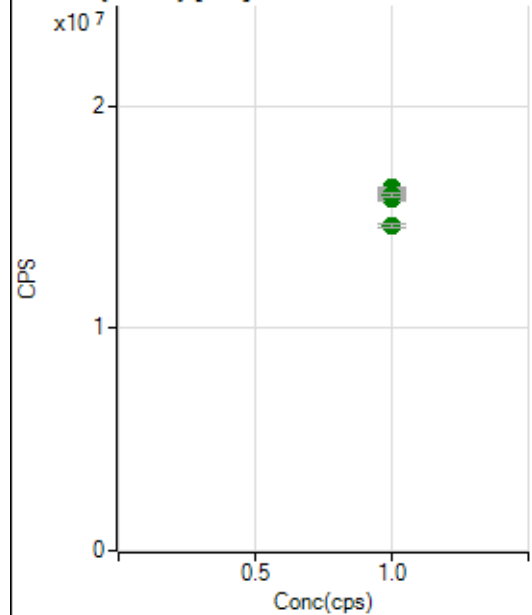
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33996053.38		A	0.4
2	☐	1.000		34303890.60		A	1.2
3	☐	1.000		34128804.49		A	0.3
4	☐	1.000		33574355.61		A	0.2
5	☐	1.000		33826498.38		A	0.6
6	☐	1.000		34303467.27		A	0.9
7	☐	1.000		34893496.70		A	0.3
8	☐	1.000		30355721.77		A	0.7

159 Tb (ISTD) [He]

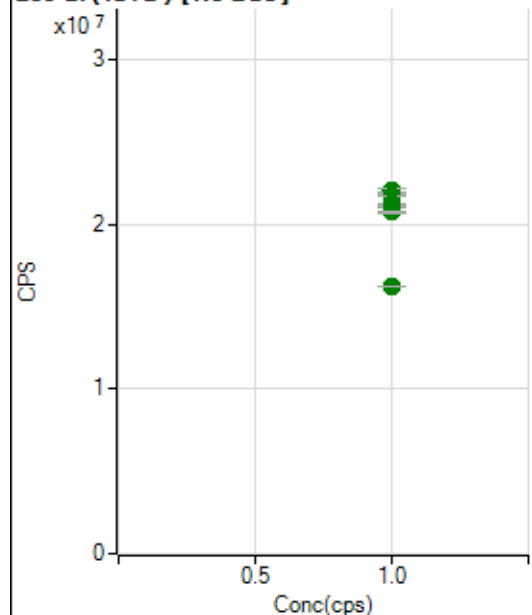
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16073390.18		A	0.5
2	☐	1.000		15695981.43		A	0.5
3	☐	1.000		15666277.96		A	0.8
4	☐	1.000		15577638.93		A	1.0
5	☐	1.000		15562147.41		A	0.2
6	☐	1.000		15709000.04		A	1.2
7	☐	1.000		15719318.24		A	0.4
8	☐	1.000		14373740.06		A	1.0

165 Ho (ISTD) [No Gas]

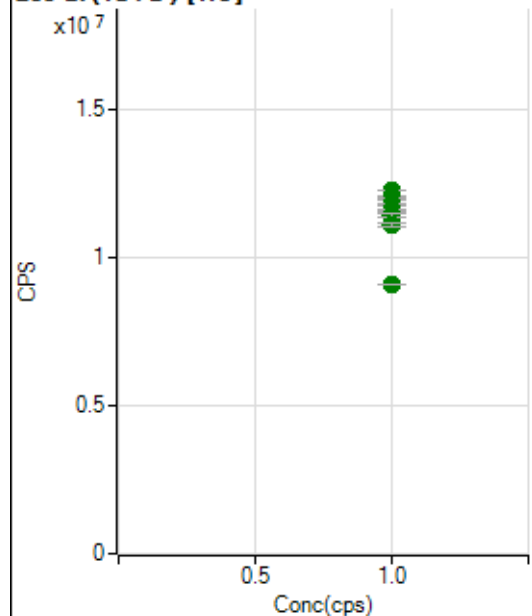
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33190946.92		A	0.5
2	☐	1.000		33593085.13		A	1.6
3	☐	1.000		33441474.71		A	0.5
4	☐	1.000		32971504.56		A	0.6
5	☐	1.000		33241281.99		A	0.3
6	☐	1.000		33593517.42		A	0.4
7	☐	1.000		34317712.23		A	0.5
8	☐	1.000		29821821.50		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16301490.59		A	0.7
2	☐	1.000		15907995.60		A	1.1
3	☐	1.000		15920799.49		A	0.4
4	☐	1.000		15867631.29		A	0.4
5	☐	1.000		15800937.27		A	0.6
6	☐	1.000		16017969.76		A	1.4
7	☐	1.000		15983780.46		A	0.6
8	☐	1.000		14623438.81		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		21840603.29		A	1.0
2	☐	1.000		22013781.89		A	1.7
3	☐	1.000		21673322.73		A	0.2
4	☐	1.000		21217120.24		A	0.3
5	☐	1.000		21169288.85		A	0.7
6	☐	1.000		20996592.18		A	0.2
7	☐	1.000		20715678.30		A	0.5
8	☐	1.000		16242122.81		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12255250.65		A	0.2
2	☐	1.000		12055175.10		A	0.8
3	☐	1.000		11973302.60		A	0.6
4	☐	1.000		11811682.46		A	0.6
5	☐	1.000		11606353.02		A	0.5
6	☐	1.000		11433132.88		A	1.1
7	☐	1.000		11103726.08		A	0.7
8	☐	1.000		9101705.14		A	0.5

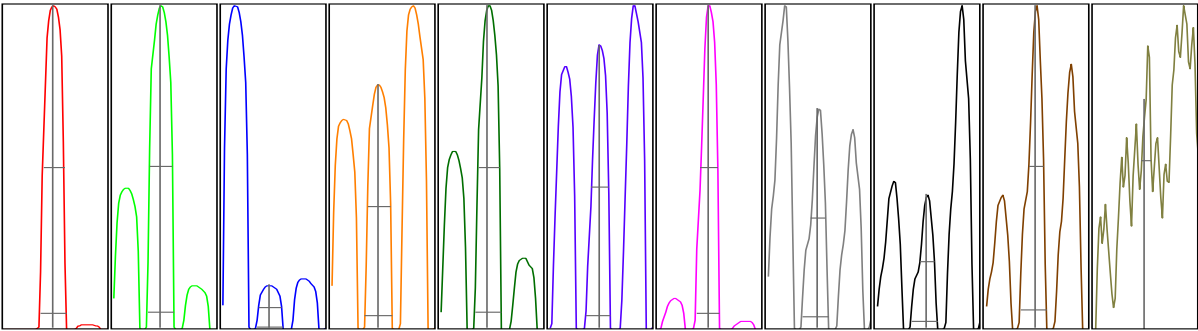
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7012720IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	21008	0.73	5.00	
24	326792	1.05	5.00	
25	44480	1.26	5.00	
26	51960	1.11	5.00	
59	194539	1.20	5.00	
113	23674	1.02	5.00	
115	286206	1.09	5.00	
206	65052	0.82	5.00	
207	58985	0.73	5.00	
208	141940	0.87	5.00	
220	77	3.24		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	21215	20816	21038	20905	21068
24	330217	322770	328805	323413	328757
25	45170	43908	44742	43891	44691
26	52857	51421	51941	51486	52092
59	197122	191666	195541	192499	195870
113	24061	23453	23558	23547	23753
115	291186	283184	286558	284024	286075
206	65579	64173	65356	65081	65072
207	59540	58482	59157	58630	59116
208	143572	140320	142599	141370	141838
220	77	82	76	76	76

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	35597	8.95	8.9 - 9.1		0.775	0.900	
24	520413	23.90	23.9 - 24.1		0.784	0.900	
25	70586	24.90	24.9 - 25.1		0.784	0.900	
26	81922	25.90	25.9 - 26.1		0.786	0.900	
59	328706	58.90	58.9 - 59.1		0.776	0.900	
113	46761	113.00	112.9 - 113.1		0.707	0.900	
115	566547	115.00	114.9 - 115.1		0.690	0.900	
206	138292	206.00	205.9 - 206.1		0.774	0.900	
207	125123	207.00	206.9 - 207.1		0.772	0.900	
208	301486	208.00	207.9 - 208.1		0.772	0.900	
220	80	220.00	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	14.0	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	45478	4.84	
89	78913	4.79	
205	52285	4.56	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	46820	46475	46292	46242	41562
89	81410	80576	80217	80150	72210
205	54103	53005	53381	52822	48112

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.5	V	Deflect	1.4	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	190	V			

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:29:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.07	-0.09	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Boron	10-1	-0.05	0.18	-0.13	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.03	-0.36	0.39	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Calcium	43-1	-0.37	0.26	0.11	0.00	N/A	ppb
Calcium	44-1	-0.21	-0.28	0.49	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Iron	57-2	0.53	-0.44	-0.08	0.00	N/A	ppb
Iron	54-2	-0.11	0.23	-0.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:29:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.08	-0.11	0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-23.28	-18.65	-20.41	-20.78		ppb
Potassium	39-2	-0.28	-1.12	1.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.15	-0.10	-0.05	0.00	N/A	ppb
Selenium	77-2	-0.06	0.12	-0.06	0.00	N/A	ppb
Selenium	78-2	0.08	0.08	-0.17	0.00	N/A	ppb
Silicon	28-1	-0.22	0.27	-0.05	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.46	0.19	0.27	0.00	N/A	ppb
Strontium	86-1	-0.03	0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-123.67	5.68	-38.90	-52.30		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:29:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	-0.03	0.07	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.26	17.19	15.57	17.34	10.65	ppb
Antimony	121-1	2.01	2.04	2.06	2.04	1.25	ppb
Arsenic	75-2	1.04	0.99	1.02	1.02	2.54	ppb
Barium	135-1	10.58	10.49	10.64	10.57	0.72	ppb
Barium	137-1	10.44	10.32	10.56	10.44	1.17	ppb
Beryllium	9-1	1.09	1.03	1.04	1.05	3.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	24.68	24.43	24.44	24.52	0.58	ppb
Boron	10-1	24.54	25.31	25.05	24.97	1.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	2.17	2.14	1.20	1.84	30.13	ppb
Cadmium	108-1	0.92	0.99	1.10	1.00	9.09	ppb
Cadmium	111-1	1.18	1.10	1.04	1.11	6.51	ppb
Calcium	43-1	519.37	507.07	526.49	517.64	1.90	ppb
Calcium	44-1	526.83	521.92	523.64	524.13	0.48	ppb
Chromium	52-2	2.01	1.80	1.66	1.82	9.58	ppb
Cobalt	59-2	1.02	0.95	0.90	0.96	6.53	ppb
Copper	63-2	1.99	1.88	1.78	1.88	5.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	54.21	51.42	47.93	51.19	6.15	ppb
Iron	57-2	57.90	54.82	51.49	54.74	5.86	ppb
Iron	54-2	59.93	55.34	49.38	54.88	9.64	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	0.95	0.96	0.98	ppb
Lead	207-1	0.95	0.97	0.97	0.96	1.20	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.96	0.97	0.96	0.96	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	507.51	477.14	456.74	480.46	5.32	ppb
Manganese	55-2	1.02	0.99	0.98	1.00	2.24	ppb
Molybdenum	94-1	4.91	4.71	4.89	4.83	2.24	ppb
Molybdenum	95-1	5.43	5.19	5.29	5.30	2.29	ppb
Molybdenum	96-1	5.29	5.17	5.20	5.22	1.19	ppb
Molybdenum	97-1	5.26	5.07	5.25	5.19	2.00	ppb
Molybdenum	98-1	5.34	5.23	5.22	5.26	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.10	1.09	1.10	0.98	ppb
Phosphorus	31-2	21.34	18.66	22.35	20.78	9.17	ppb
Potassium	39-2	488.52	478.32	464.82	477.22	2.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.58	5.47	5.46	5.50	1.27	ppb
Selenium	77-2	5.17	6.05	3.55	4.92	25.80	ppb
Selenium	78-2	5.22	5.67	5.11	5.33	5.62	ppb
Silicon	28-1	9.20	8.76	8.87	8.95	2.59	ppb
Silver	107-1	1.01	1.00	0.99	1.00	0.91	ppb
Silver	109-1	1.03	1.01	1.02	1.02	0.85	ppb
Sodium	23-2	503.53	490.67	468.19	487.46	3.67	ppb
Strontium	86-1	0.98	1.06	1.00	1.01	4.25	ppb
Strontium	88-1	1.03	1.02	1.00	1.02	1.39	ppb
Sulfur	34-1	55.64	27.42	73.82	52.30	44.71	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.96	0.99	0.97	1.55	ppb
Thallium	205-1	0.97	0.95	0.95	0.96	1.46	ppb
Thorium	232-1	0.73	0.69	0.68	0.70	3.61	ppb
Tin	118-1	5.24	5.12	5.22	5.19	1.21	ppb
Titanium	47-1	5.28	5.31	5.17	5.25	1.42	ppb
Uranium	238-1	0.90	0.86	0.88	0.88	2.60	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.06	4.78	4.41	4.75	6.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.57	2.62	3.08	2.76	10.30	ppb
Zirconium	91-1	0.80	0.82	0.79	0.80	2.22	ppb
Zirconium	90-1	0.83	0.78	0.79	0.80	3.38	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	999.58	996.22	960.12	985.31	2.22	ppb
Antimony	121-1	51.03	51.72	50.97	51.24	0.81	ppb
Arsenic	75-2	51.78	51.43	49.82	51.01	2.05	ppb
Barium	135-1	255.65	260.23	256.82	257.57	0.92	ppb
Barium	137-1	257.47	257.44	257.33	257.41	0.03	ppb
Beryllium	9-1	52.65	51.81	52.42	52.29	0.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	50.22	49.92	50.39	50.17	0.48	ppb
Boron	10-1	50.96	49.67	51.90	50.84	2.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	49.75	51.69	48.35	49.93	3.35	ppb
Cadmium	108-1	51.36	50.74	51.13	51.08	0.61	ppb
Cadmium	111-1	49.16	49.91	49.44	49.50	0.76	ppb
Calcium	43-1	5176.52	5183.27	5168.82	5176.21	0.14	ppb
Calcium	44-1	5160.92	5165.31	5128.67	5151.64	0.39	ppb
Chromium	52-2	52.42	51.59	50.72	51.58	1.65	ppb
Cobalt	59-2	53.95	53.38	52.30	53.21	1.58	ppb
Copper	63-2	101.21	100.22	98.58	100.01	1.33	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2764.05	2766.80	2701.05	2743.97	1.36	ppb
Iron	57-2	2774.42	2766.69	2701.28	2747.46	1.46	ppb
Iron	54-2	2888.75	2842.29	2806.11	2845.72	1.46	ppb
Krypton	83-1						cps
Lead	206-1	48.90	49.34	49.18	49.14	0.45	ppb
Lead	207-1	49.07	49.14	49.08	49.10	0.08	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	49.24	49.43	49.34	49.34	0.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	5242.89	5208.53	5094.73	5182.05	1.50	ppb
Manganese	55-2	104.57	103.65	101.78	103.33	1.38	ppb
Molybdenum	94-1	250.92	252.83	251.72	251.82	0.38	ppb
Molybdenum	95-1	253.99	254.00	252.52	253.51	0.34	ppb
Molybdenum	96-1	252.76	254.63	252.66	253.35	0.44	ppb
Molybdenum	97-1	251.57	254.93	251.11	252.54	0.83	ppb
Molybdenum	98-1	251.80	251.86	252.91	252.19	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.23	53.32	53.38	53.98	2.01	ppb
Phosphorus	31-2	1016.59	1019.32	950.07	995.33	3.94	ppb
Potassium	39-2	2535.51	2545.23	2499.28	2526.67	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	51.72	52.96	52.41	52.36	1.19	ppb
Selenium	77-2	54.94	54.15	49.34	52.81	5.74	ppb
Selenium	78-2	50.70	52.80	50.17	51.22	2.72	ppb
Silicon	28-1	54.60	54.42	54.42	54.48	0.19	ppb
Silver	107-1	52.94	54.02	53.15	53.37	1.07	ppb
Silver	109-1	53.90	54.55	53.98	54.14	0.65	ppb
Sodium	23-2	5189.85	5239.45	5174.43	5201.24	0.65	ppb
Strontium	86-1	50.88	51.35	51.36	51.20	0.53	ppb
Strontium	88-1	50.63	50.63	50.63	50.63	0.01	ppb
Sulfur	34-1	1173.35	1056.47	992.30	1074.04	8.55	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	49.22	49.67	49.13	49.34	0.59	ppb
Thallium	205-1	49.04	49.29	48.86	49.07	0.44	ppb
Thorium	232-1	45.96	45.84	45.65	45.82	0.34	ppb
Tin	118-1	51.45	52.87	51.37	51.90	1.63	ppb
Titanium	47-1	249.44	250.18	251.52	250.38	0.42	ppb
Uranium	238-1	46.80	47.11	47.17	47.03	0.42	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.27	50.18	48.97	49.81	1.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	106.61	105.03	104.79	105.48	0.94	ppb
Zirconium	91-1	50.17	49.87	49.80	49.94	0.39	ppb
Zirconium	90-1	49.84	50.28	49.54	49.89	0.75	ppb

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:42:26 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2459.93	2474.66	2494.19	2476.26	0.69	ppb
Antimony	121-1	130.64	128.60	129.38	129.54	0.79	ppb
Arsenic	75-2	127.07	126.87	126.81	126.91	0.11	ppb
Barium	135-1	650.98	645.80	642.14	646.31	0.69	ppb
Barium	137-1	647.46	646.14	644.82	646.14	0.20	ppb
Beryllium	9-1	131.07	130.46	128.64	130.06	0.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	11-1	124.01	126.50	125.41	125.30	1.00	ppb
Boron	10-1	124.53	126.63	125.69	125.62	0.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	124.94	127.33	123.44	125.24	1.57	ppb
Cadmium	108-1	126.59	125.33	124.92	125.62	0.69	ppb
Cadmium	111-1	122.74	124.22	123.78	123.58	0.62	ppb
Calcium	43-1	12957.61	13159.16	13181.24	13099.34	0.94	ppb
Calcium	44-1	12892.67	12980.56	12942.07	12938.43	0.34	ppb
Chromium	52-2	131.09	128.12	130.31	129.84	1.19	ppb
Cobalt	59-2	133.52	133.04	134.05	133.53	0.38	ppb
Copper	63-2	249.51	248.39	249.21	249.04	0.23	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	6961.81	6899.00	6943.12	6934.64	0.47	ppb
Iron	57-2	6997.64	6945.98	6964.83	6969.48	0.38	ppb
Iron	54-2	7235.10	7183.31	7246.48	7221.63	0.47	ppb
Krypton	83-1						cps
Lead	206-1	123.84	124.95	123.36	124.05	0.66	ppb
Lead	207-1	124.02	125.22	123.58	124.27	0.68	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:42:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	124.73	125.62	124.48	124.94	0.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	13019.81	12918.80	13195.61	13044.74	1.07	ppb
Manganese	55-2	262.82	261.76	262.03	262.20	0.21	ppb
Molybdenum	94-1	634.27	638.14	631.12	634.51	0.55	ppb
Molybdenum	95-1	629.84	631.39	627.20	629.47	0.34	ppb
Molybdenum	96-1	627.17	629.06	622.52	626.25	0.54	ppb
Molybdenum	97-1	626.98	631.60	627.94	628.84	0.39	ppb
Molybdenum	98-1	625.13	633.19	620.18	626.17	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.10	135.39	134.97	135.15	0.16	ppb
Phosphorus	31-2	2538.24	2447.85	2507.86	2497.98	1.84	ppb
Potassium	39-2	6279.70	6266.65	6337.79	6294.72	0.60	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	132.43	134.55	129.55	132.18	1.90	ppb
Selenium	77-2	126.89	131.35	124.28	127.50	2.80	ppb
Selenium	78-2	131.40	124.66	125.59	127.22	2.87	ppb
Silicon	28-1	131.93	134.58	133.72	133.41	1.01	ppb
Silver	107-1	132.34	131.49	131.59	131.81	0.36	ppb
Silver	109-1	133.59	132.94	132.72	133.08	0.34	ppb
Sodium	23-2	12985.25	12847.43	13197.27	13009.98	1.35	ppb
Strontium	86-1	129.55	128.13	127.41	128.36	0.85	ppb
Strontium	88-1	127.33	126.84	124.99	126.39	0.98	ppb
Sulfur	34-1	2519.77	2566.60	2581.94	2556.10	1.27	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	125.22	124.37	124.41	124.66	0.39	ppb
Thallium	205-1	122.97	122.41	121.98	122.45	0.41	ppb
Thorium	232-1	118.48	117.25	118.85	118.19	0.71	ppb
Tin	118-1	129.18	128.17	128.59	128.65	0.39	ppb
Titanium	47-1	633.35	635.80	634.39	634.51	0.19	ppb
Uranium	238-1	119.50	117.90	119.46	118.95	0.77	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:42:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	127.38	125.18	127.31	126.62	0.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	264.68	266.17	266.44	265.76	0.36	ppb
Zirconium	91-1	126.27	127.14	127.26	126.89	0.43	ppb
Zirconium	90-1	125.67	127.05	126.75	126.49	0.57	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4940.43	4886.78	4903.39	4910.20	0.56	ppb
Antimony	121-1	251.59	258.89	256.08	255.52	1.44	ppb
Arsenic	75-2	255.83	251.02	254.30	253.72	0.97	ppb
Barium	135-1	1260.37	1279.97	1259.88	1266.74	0.90	ppb
Barium	137-1	1259.11	1284.40	1260.91	1268.14	1.11	ppb
Beryllium	9-1	257.94	256.54	257.56	257.35	0.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	11-1	247.37	256.52	256.65	253.52	2.10	ppb
Boron	10-1	240.78	256.89	258.69	252.12	3.91	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	242.18	250.97	243.67	245.61	1.91	ppb
Cadmium	108-1	241.39	243.65	242.71	242.58	0.47	ppb
Cadmium	111-1	238.21	242.10	240.78	240.36	0.82	ppb
Calcium	43-1	25920.91	26528.84	26101.31	26183.69	1.19	ppb
Calcium	44-1	25896.16	26115.30	26029.99	26013.82	0.42	ppb
Chromium	52-2	256.54	257.19	258.09	257.27	0.30	ppb
Cobalt	59-2	264.05	263.45	262.69	263.40	0.26	ppb
Copper	63-2	490.23	490.37	487.12	489.24	0.38	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	13763.04	13690.19	13675.82	13709.68	0.34	ppb
Iron	57-2	13787.34	13782.20	13770.04	13779.86	0.06	ppb
Iron	54-2	14140.62	14290.73	14183.34	14204.90	0.54	ppb
Krypton	83-1						cps
Lead	206-1	244.06	251.93	250.46	248.82	1.68	ppb
Lead	207-1	244.94	251.11	250.94	249.00	1.41	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	246.61	251.30	250.24	249.39	0.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	25858.21	25764.04	25621.77	25748.01	0.46	ppb
Manganese	55-2	516.67	513.11	515.99	515.26	0.37	ppb
Molybdenum	94-1	1265.32	1276.87	1275.31	1272.50	0.49	ppb
Molybdenum	95-1	1269.69	1286.92	1275.94	1277.52	0.68	ppb
Molybdenum	96-1	1259.79	1279.72	1267.19	1268.90	0.79	ppb
Molybdenum	97-1	1263.79	1270.08	1261.82	1265.23	0.34	ppb
Molybdenum	98-1	1271.90	1274.28	1274.41	1273.53	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.32	265.51	264.12	264.99	0.28	ppb
Phosphorus	31-2	5138.87	5039.68	5080.35	5086.30	0.98	ppb
Potassium	39-2	12479.64	12421.31	12372.39	12424.44	0.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	261.73	263.83	264.52	263.36	0.55	ppb
Selenium	77-2	249.34	261.42	254.54	255.10	2.38	ppb
Selenium	78-2	260.94	253.25	255.17	256.45	1.56	ppb
Silicon	28-1	262.00	271.51	274.32	269.28	2.40	ppb
Silver	107-1	255.23	256.61	255.85	255.89	0.27	ppb
Silver	109-1	253.39	254.05	253.64	253.69	0.13	ppb
Sodium	23-2	25818.40	25757.18	25694.49	25756.69	0.24	ppb
Strontium	86-1	256.07	257.12	255.71	256.30	0.29	ppb
Strontium	88-1	253.17	256.43	254.60	254.73	0.64	ppb
Sulfur	34-1	4823.93	4977.37	4815.00	4872.10	1.87	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	245.77	252.60	251.56	249.98	1.47	ppb
Thallium	205-1	244.19	248.95	247.29	246.81	0.98	ppb
Thorium	232-1	239.64	242.15	241.72	241.17	0.56	ppb
Tin	118-1	253.02	255.22	256.37	254.87	0.67	ppb
Titanium	47-1	1250.74	1264.81	1266.26	1260.60	0.68	ppb
Uranium	238-1	240.61	244.78	245.49	243.63	1.08	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	253.01	251.68	251.65	252.11	0.31	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	522.13	523.18	521.72	522.35	0.14	ppb
Zirconium	91-1	251.30	255.88	259.94	255.71	1.69	ppb
Zirconium	90-1	250.56	255.57	253.99	253.37	1.01	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:50:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9734.20	9850.60	9826.14	9803.65	0.63	ppb
Antimony	121-1	496.95	503.00	510.77	503.58	1.38	ppb
Arsenic	75-2	505.57	506.97	506.36	506.30	0.14	ppb
Barium	135-1	2490.03	2515.97	2544.09	2516.69	1.07	ppb
Barium	137-1	2510.02	2522.67	2546.95	2526.54	0.74	ppb
Beryllium	9-1	503.84	506.57	511.89	507.43	0.81	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	494.51	498.19	509.29	500.66	1.54	ppb
Boron	10-1	494.82	502.09	508.39	501.77	1.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	469.56	482.37	484.69	478.87	1.70	ppb
Cadmium	108-1	469.41	480.34	483.44	477.73	1.54	ppb
Cadmium	111-1	461.23	467.18	472.82	467.08	1.24	ppb
Calcium	43-1	51788.47	51861.81	52208.41	51952.90	0.43	ppb
Calcium	44-1	51532.80	51638.56	51827.45	51666.27	0.29	ppb
Chromium	52-2	508.82	507.92	510.56	509.10	0.26	ppb
Cobalt	59-2	517.91	515.40	520.09	517.80	0.45	ppb
Copper	63-2	942.31	940.93	940.42	941.22	0.10	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	27158.42	27008.47	27081.61	27082.83	0.28	ppb
Iron	57-2	27140.09	27045.65	27269.61	27151.78	0.41	ppb
Iron	54-2	27364.59	27164.15	27206.99	27245.24	0.39	ppb
Krypton	83-1						cps
Lead	206-1	500.84	499.70	494.81	498.45	0.64	ppb
Lead	207-1	496.42	499.45	498.37	498.08	0.31	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:50:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	497.31	498.68	499.12	498.37	0.19	ppb
Lithium	6-1				96		%
Magnesium	24-2	51451.90	51618.42	51797.01	51622.44	0.33	ppb
Manganese	55-2	1018.49	1021.11	1022.22	1020.60	0.19	ppb
Molybdenum	94-1	2518.44	2507.48	2515.08	2513.67	0.22	ppb
Molybdenum	95-1	2519.22	2526.29	2511.56	2519.02	0.29	ppb
Molybdenum	96-1	2518.17	2537.39	2513.38	2522.98	0.50	ppb
Molybdenum	97-1	2526.69	2518.00	2501.79	2515.49	0.50	ppb
Molybdenum	98-1	2540.87	2515.44	2506.57	2520.96	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.37	518.27	517.91	518.52	0.15	ppb
Phosphorus	31-2	9970.34	10302.27	9937.52	10070.04	2.00	ppb
Potassium	39-2	24721.78	24731.87	24736.49	24730.04	0.03	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	510.25	510.16	507.36	509.26	0.32	ppb
Selenium	77-2	505.97	503.11	492.59	500.56	1.41	ppb
Selenium	78-2	507.07	502.51	508.79	506.12	0.64	ppb
Silicon	28-1	525.16	533.68	533.43	530.75	0.91	ppb
Silver	107-1	492.19	498.87	503.42	498.16	1.13	ppb
Silver	109-1	487.91	496.60	499.34	494.62	1.21	ppb
Sodium	23-2	51992.87	52033.74	52198.59	52075.07	0.21	ppb
Strontium	86-1	507.01	510.69	507.13	508.28	0.41	ppb
Strontium	88-1	506.32	505.81	502.05	504.73	0.46	ppb
Sulfur	34-1	9841.13	9972.79	9844.21	9886.04	0.76	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	500.78	499.15	496.74	498.89	0.41	ppb
Thallium	205-1	500.28	500.24	494.20	498.24	0.70	ppb
Thorium	232-1	487.54	493.62	489.77	490.31	0.63	ppb
Tin	118-1	499.26	502.24	507.20	502.90	0.80	ppb
Titanium	47-1	2523.30	2520.69	2510.72	2518.23	0.26	ppb
Uranium	238-1	489.96	499.96	492.43	494.12	1.05	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:50:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.07	503.12	503.45	503.22	0.04	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1010.47	1006.57	1006.08	1007.71	0.24	ppb
Zirconium	91-1	502.61	502.03	501.20	501.95	0.14	ppb
Zirconium	90-1	503.62	501.51	502.51	502.55	0.21	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:54:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19500.02	19413.56	19383.40	19432.32	0.31	ppb
Antimony	121-1	995.31	992.46	1000.84	996.20	0.43	ppb
Arsenic	75-2	1000.18	997.71	989.01	995.63	0.59	ppb
Barium	135-1	4984.27	4969.78	4999.23	4984.43	0.30	ppb
Barium	137-1	4995.70	4965.54	4976.30	4979.18	0.31	ppb
Beryllium	9-1	997.70	991.41	991.99	993.70	0.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	11-1	990.38	1001.99	1003.90	998.75	0.73	ppb
Boron	10-1	1001.54	995.56	998.30	998.47	0.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1026.03	1006.13	1002.74	1011.63	1.24	ppb
Cadmium	108-1	1014.85	1012.19	1011.54	1012.86	0.17	ppb
Cadmium	111-1	1021.03	1019.89	1016.29	1019.07	0.24	ppb
Calcium	43-1	102484.44	102830.22	101800.00	102371.55	0.51	ppb
Calcium	44-1	101747.92	103408.91	102064.25	102407.03	0.86	ppb
Chromium	52-2	1000.20	995.09	983.56	992.95	0.86	ppb
Cobalt	59-2	988.32	984.43	986.82	986.52	0.20	ppb
Copper	63-2	2030.13	2039.56	2026.91	2032.20	0.32	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	52892.63	53084.21	53101.16	53026.00	0.22	ppb
Iron	57-2	52849.78	53096.44	52563.03	52836.42	0.51	ppb
Iron	54-2	53375.69	53907.15	53178.22	53487.02	0.70	ppb
Krypton	83-1						cps
Lead	206-1	999.62	1009.23	994.85	1001.23	0.73	ppb
Lead	207-1	1000.53	1011.28	992.23	1001.35	0.95	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:54:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	997.32	1011.20	994.50	1001.01	0.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	101994.84	102008.21	101571.33	101858.13	0.24	ppb
Manganese	55-2	1981.58	1996.31	1974.68	1984.19	0.56	ppb
Molybdenum	94-1	4912.52	5018.09	5028.18	4986.26	1.28	ppb
Molybdenum	95-1	4926.18	4985.73	5036.71	4982.88	1.11	ppb
Molybdenum	96-1	4910.32	5013.50	5026.56	4983.46	1.28	ppb
Molybdenum	97-1	4924.64	5034.65	5004.23	4987.84	1.14	ppb
Molybdenum	98-1	4955.97	5023.63	4970.55	4983.38	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.57	985.54	989.47	985.53	0.40	ppb
Phosphorus	31-2	19895.32	19979.51	19956.83	19943.89	0.22	ppb
Potassium	39-2	49471.26	49193.88	49278.48	49314.54	0.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	984.55	994.66	993.84	991.01	0.57	ppb
Selenium	77-2	999.59	1003.10	991.28	997.99	0.61	ppb
Selenium	78-2	996.72	998.91	989.32	994.98	0.50	ppb
Silicon	28-1	972.08	987.40	976.13	978.54	0.81	ppb
Silver	107-1	1010.28	991.62	993.38	998.43	1.03	ppb
Silver	109-1	1007.37	992.56	1001.71	1000.55	0.75	ppb
Sodium	23-2	103664.13	103838.13	103443.11	103648.46	0.19	ppb
Strontium	86-1	987.59	995.39	998.44	993.81	0.56	ppb
Strontium	88-1	991.30	993.56	1003.89	996.25	0.67	ppb
Sulfur	34-1	20005.57	20244.19	19984.96	20078.24	0.72	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	994.01	1018.06	989.84	1000.64	1.52	ppb
Thallium	205-1	1000.27	1010.69	995.18	1002.04	0.79	ppb
Thorium	232-1	1011.15	1012.58	1000.61	1008.11	0.65	ppb
Tin	118-1	995.63	989.06	1005.65	996.78	0.84	ppb
Titanium	47-1	4953.31	5030.18	4977.58	4987.02	0.79	ppb
Uranium	238-1	1011.85	1008.42	996.04	1005.44	0.83	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:54:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	996.63	996.40	999.99	997.67	0.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1982.31	1997.32	1985.31	1988.32	0.40	ppb
Zirconium	91-1	990.13	1001.91	1000.05	997.37	0.63	ppb
Zirconium	90-1	991.12	1003.19	998.80	997.70	0.61	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99781.40	99775.53	100858.28	100138.40	0.62	ppb
Antimony	121-1	1.39	1.55	1.70	1.55	9.92	ppb
Arsenic	75-2	0.54	0.54	0.55	0.54	0.90	ppb
Barium	135-1	9.88	9.57	9.79	9.75	1.63	ppb
Barium	137-1	9.66	9.70	9.70	9.69	0.24	ppb
Beryllium	9-1	0.14	0.13	0.11	0.13	13.44	ppb
Bismuth	209-1				74		%
Bismuth	209-2				74		%
Boron	11-1	26.31	23.66	21.01	23.66	11.21	ppb
Boron	10-1	26.01	24.07	21.20	23.76	10.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	2.65	2.85	3.94	3.15	21.93	ppb
Cadmium	108-1	0.25	0.29	0.25	0.26	10.16	ppb
Cadmium	111-1	0.38	0.40	0.49	0.42	13.19	ppb
Calcium	43-1	497109.66	501569.45	499084.25	499254.45	0.45	ppb
Calcium	44-1	496696.29	500800.55	500369.49	499288.78	0.45	ppb
Chromium	52-2	17.28	16.92	17.07	17.09	1.05	ppb
Cobalt	59-2	1.88	1.87	1.84	1.86	1.17	ppb
Copper	63-2	4.03	4.15	4.12	4.10	1.52	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	249534.50	248836.33	248948.59	249106.48	0.15	ppb
Iron	57-2	250654.65	247008.17	249736.42	249133.08	0.76	ppb
Iron	54-2	249572.48	248897.29	248425.46	248965.08	0.23	ppb
Krypton	83-1						cps
Lead	206-1	4.88	4.94	4.89	4.91	0.67	ppb
Lead	207-1	5.01	5.02	5.03	5.02	0.18	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.94	4.98	4.95	4.95	0.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	500368.92	499017.57	498853.44	499413.31	0.17	ppb
Manganese	55-2	9.41	9.28	9.31	9.33	0.76	ppb
Molybdenum	94-1	3.12	3.16	3.23	3.17	1.74	ppb
Molybdenum	95-1	3.95	4.13	4.10	4.06	2.43	ppb
Molybdenum	96-1	5.54	5.71	5.74	5.66	1.91	ppb
Molybdenum	97-1	3.58	3.69	3.75	3.67	2.36	ppb
Molybdenum	98-1	3.37	3.53	3.59	3.50	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.65	11.54	11.35	11.51	1.29	ppb
Phosphorus	31-2	-11.42	-12.58	-5.00	-9.67		ppb
Potassium	39-2	250773.94	249010.84	250714.79	250166.53	0.40	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	0.60	0.53	0.93	0.69	31.02	ppb
Selenium	77-2	0.31	0.86	0.48	0.55	50.78	ppb
Selenium	78-2	0.42	0.58	0.26	0.42	38.35	ppb
Silicon	28-1	69.95	72.34	71.05	71.11	1.68	ppb
Silver	107-1	0.26	0.27	0.26	0.26	2.09	ppb
Silver	109-1	0.25	0.27	0.28	0.27	4.58	ppb
Sodium	23-2	502914.91	497146.47	496969.28	499010.22	0.68	ppb
Strontium	86-1	2.12	2.20	2.08	2.13	2.91	ppb
Strontium	88-1	2.09	2.07	2.10	2.09	0.92	ppb
Sulfur	34-1	-129.70	-31.25	-28.10	-63.02		ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.31	0.29	0.30	0.30	3.63	ppb
Thallium	205-1	0.30	0.28	0.28	0.29	3.70	ppb
Thorium	232-1	0.23	0.24	0.26	0.24	5.30	ppb
Tin	118-1	0.61	0.63	0.67	0.64	4.69	ppb
Titanium	47-1	1.60	1.66	1.72	1.66	3.76	ppb
Uranium	238-1	0.20	0.19	0.20	0.20	2.36	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.41	0.42	0.42	0.42	1.04	ppb
Yttrium	89-1				93		%
Yttrium	89-2				99		%
Zinc	66-2	21.72	21.88	21.76	21.79	0.38	ppb
Zirconium	91-1	0.30	0.30	0.34	0.31	7.39	ppb
Zirconium	90-1	0.34	0.32	0.35	0.33	5.12	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.86	478.84	480.92	481.54	0.63	ppb
Antimony	121-1	200.29	199.87	200.28	200.15	0.12	ppb
Arsenic	75-2	200.26	201.92	199.87	200.68	0.54	ppb
Barium	135-1	102.66	101.64	101.46	101.92	0.64	ppb
Barium	137-1	101.65	102.07	102.02	101.91	0.23	ppb
Beryllium	9-1	98.92	100.12	99.14	99.39	0.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	6.28	5.87	5.50	5.88	6.61	ppb
Boron	10-1	6.55	5.89	5.76	6.07	6.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	78.93	79.54	77.16	78.54	1.57	ppb
Cadmium	108-1	103.33	106.03	106.29	105.21	1.56	ppb
Cadmium	111-1	98.70	98.42	98.50	98.54	0.15	ppb
Calcium	43-1	1947.59	1985.52	1968.34	1967.15	0.97	ppb
Calcium	44-1	1980.33	1974.70	1999.16	1984.73	0.65	ppb
Chromium	52-2	98.41	99.34	98.76	98.84	0.47	ppb
Cobalt	59-2	102.21	102.80	101.79	102.27	0.49	ppb
Copper	63-2	95.71	95.87	95.54	95.71	0.17	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	2057.34	2063.47	2036.08	2052.30	0.70	ppb
Iron	57-2	2025.21	2050.92	2044.48	2040.20	0.66	ppb
Iron	54-2	2175.72	2166.54	2148.24	2163.50	0.65	ppb
Krypton	83-1						cps
Lead	206-1	189.13	192.85	191.28	191.09	0.98	ppb
Lead	207-1	181.09	183.08	184.50	182.89	0.93	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	185.97	189.30	188.46	187.91	0.92	ppb
Lithium	6-1				110		%
Magnesium	24-2	1209.15	1212.53	1190.12	1203.94	1.00	ppb
Manganese	55-2	97.96	99.41	98.15	98.51	0.80	ppb
Molybdenum	94-1	1553.45	1565.02	1538.91	1552.46	0.84	ppb
Molybdenum	95-1	2253.54	2238.49	2236.84	2242.96	0.41	ppb
Molybdenum	96-1	2150.18	2140.77	2147.03	2145.99	0.22	ppb
Molybdenum	97-1	2245.62	2213.42	2211.53	2223.52	0.86	ppb
Molybdenum	98-1	2240.42	2227.75	2219.13	2229.10	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.48	103.62	104.21	103.77	0.37	ppb
Phosphorus	31-2	-15.15	-15.92	-16.46	-15.84		ppb
Potassium	39-2	1937.05	1947.05	1934.05	1939.38	0.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	204.80	206.88	205.42	205.70	0.52	ppb
Selenium	77-2	205.53	209.50	204.69	206.57	1.24	ppb
Selenium	78-2	205.91	203.40	202.43	203.91	0.88	ppb
Silicon	28-1	7.97	9.76	11.50	9.75	18.08	ppb
Silver	107-1	51.17	51.05	51.41	51.21	0.36	ppb
Silver	109-1	52.56	52.08	52.04	52.23	0.55	ppb
Sodium	23-2	2028.63	2046.63	2011.59	2028.95	0.86	ppb
Strontium	86-1	0.24	0.22	0.26	0.24	8.99	ppb
Strontium	88-1	0.26	0.25	0.24	0.25	4.08	ppb
Sulfur	34-1	-188.21	-223.77	-210.44	-207.47		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	187.56	191.47	191.65	190.23	1.21	ppb
Thallium	205-1	189.22	189.13	190.02	189.46	0.26	ppb
Thorium	232-1	0.14	0.15	0.18	0.16	11.35	ppb
Tin	118-1	0.28	0.26	0.30	0.28	5.95	ppb
Titanium	47-1	2289.73	2281.32	2282.48	2284.51	0.20	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	72.01	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	95.51	95.44	94.43	95.13	0.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	190.42	195.10	192.04	192.52	1.24	ppb
Zirconium	91-1	0.47	0.44	0.58	0.50	14.79	ppb
Zirconium	90-1	0.36	0.41	0.50	0.42	17.10	ppb

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:09:28 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.33	0.51	0.41	21.43	ppb
Antimony	121-1	0.34	0.36	0.43	0.38	12.52	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	26.40	ppb
Barium	135-1	0.17	0.03	0.02	0.07	115.51	ppb
Barium	137-1	0.19	0.02	0.04	0.08	113.27	ppb
Beryllium	9-1	0.06	0.02	0.03	0.04	59.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	11-1	3.56	3.09	3.06	3.23	8.75	ppb
Boron	10-1	3.04	3.35	2.93	3.10	7.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.95	1.06	1.32	1.11	17.05	ppb
Cadmium	108-1	0.01	0.04	-0.05	0.00	3069.37	ppb
Cadmium	111-1	0.13	0.11	0.13	0.12	10.17	ppb
Calcium	43-1	11.52	1.55	1.63	4.90	116.98	ppb
Calcium	44-1	12.86	3.23	5.11	7.07	72.25	ppb
Chromium	52-2	0.00	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	81.93	ppb
Copper	63-2	-0.01	0.00	0.01	0.00		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	1.18	1.16	1.14	1.16	1.60	ppb
Iron	57-2	0.61	1.49	1.83	1.31	48.18	ppb
Iron	54-2	1.94	1.72	1.30	1.66	19.75	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.01	0.02	0.03	78.55	ppb
Lead	207-1	0.06	0.03	0.03	0.04	52.12	ppb

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:09:28 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.02	0.02	0.03	69.30	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.36	1.24	1.39	1.33	6.30	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	28.02	ppb
Molybdenum	94-1	0.37	0.21	0.29	0.29	27.51	ppb
Molybdenum	95-1	0.51	0.40	0.38	0.43	15.45	ppb
Molybdenum	96-1	0.50	0.32	0.38	0.40	22.68	ppb
Molybdenum	97-1	0.46	0.38	0.41	0.42	9.35	ppb
Molybdenum	98-1	0.46	0.35	0.39	0.40	13.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	608.12	ppb
Phosphorus	31-2	-27.48	-16.86	-14.76	-19.70		ppb
Potassium	39-2	6.75	8.64	6.67	7.35	15.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	-0.25	0.18	-0.09	-0.05		ppb
Selenium	77-2	-0.06	0.11	0.11	0.05	184.39	ppb
Selenium	78-2	0.23	0.09	0.23	0.18	45.60	ppb
Silicon	28-1	2.11	2.67	2.13	2.31	13.72	ppb
Silver	107-1	0.01	0.01	0.00	0.01	75.39	ppb
Silver	109-1	0.02	0.01	0.01	0.01	64.99	ppb
Sodium	23-2	17.65	17.99	17.61	17.75	1.17	ppb
Strontium	86-1	0.03	0.02	0.02	0.02	22.64	ppb
Strontium	88-1	0.03	0.00	0.01	0.01	120.26	ppb
Sulfur	34-1	-209.92	-74.64	-24.28	-102.95		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.03	0.02	0.03	53.35	ppb
Thallium	205-1	0.05	0.01	0.03	0.03	62.05	ppb
Thorium	232-1	0.03	0.01	0.01	0.02	54.75	ppb
Tin	118-1	0.06	0.05	0.06	0.06	16.67	ppb
Titanium	47-1	0.23	0.14	0.14	0.17	28.35	ppb
Uranium	238-1	0.04	0.00	0.01	0.02	128.86	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:09:28	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	16.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	-0.03	-0.02	-0.03	-0.02		ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	148.32	ppb
Zirconium	90-1	0.03	0.00	0.00	0.01	150.24	ppb

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:13:09 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89013.87	90571.26	89684.56	89756.56	0.87	ppb
Antimony	121-1	1.24	1.27	1.40	1.30	6.34	ppb
Arsenic	75-2	0.36	0.31	0.38	0.35	9.75	ppb
Barium	135-1	1.41	1.47	1.56	1.48	5.01	ppb
Barium	137-1	1.34	1.45	1.51	1.43	5.86	ppb
Beryllium	9-1	0.33	0.31	0.34	0.32	5.24	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	11-1	3.57	3.39	3.29	3.42	4.17	ppb
Boron	10-1	3.14	3.87	3.33	3.45	11.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.71	-1.13	-1.92	-1.25		ppb
Cadmium	108-1	14.28	15.04	13.87	14.40	4.15	ppb
Cadmium	111-1	0.58	0.46	0.46	0.50	14.29	ppb
Calcium	43-1	98455.91	99327.05	98907.43	98896.80	0.44	ppb
Calcium	44-1	99209.23	99373.24	100041.74	99541.40	0.44	ppb
Chromium	52-2	19.11	19.46	19.13	19.23	1.03	ppb
Cobalt	59-2	1.19	1.17	1.20	1.18	1.43	ppb
Copper	63-2	6.81	7.03	6.92	6.92	1.61	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	100985.97	101718.24	101364.44	101356.22	0.36	ppb
Iron	57-2	99976.41	101730.99	100664.24	100790.55	0.88	ppb
Iron	54-2	100464.87	101562.74	99608.21	100545.27	0.97	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.79	4.82	4.80	0.25	ppb
Lead	207-1	4.35	4.35	4.45	4.38	1.29	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:13:09	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.55	4.54	4.56	4.55	0.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	100311.17	101849.37	100932.22	101030.92	0.77	ppb
Manganese	55-2	7.58	7.54	7.53	7.55	0.37	ppb
Molybdenum	94-1	1329.55	1310.05	1327.46	1322.36	0.81	ppb
Molybdenum	95-1	1918.90	1899.80	1927.02	1915.24	0.73	ppb
Molybdenum	96-1	1838.35	1813.81	1848.79	1833.65	0.98	ppb
Molybdenum	97-1	1901.88	1891.27	1908.40	1900.52	0.45	ppb
Molybdenum	98-1	1922.69	1889.97	1901.95	1904.87	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.02	5.27	5.16	2.53	ppb
Phosphorus	31-2	94842.41	96385.58	94782.41	95336.80	0.95	ppb
Potassium	39-2	97994.83	99115.85	97471.89	98194.19	0.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.08	0.16	-0.28	-0.01		ppb
Selenium	77-2	0.79	0.11	0.11	0.33	117.13	ppb
Selenium	78-2	0.25	0.13	0.45	0.28	57.37	ppb
Silicon	28-1	23.74	23.65	23.71	23.70	0.18	ppb
Silver	107-1	0.04	0.03	0.04	0.04	6.12	ppb
Silver	109-1	0.03	0.04	0.04	0.04	17.50	ppb
Sodium	23-2	104418.72	106790.01	105261.13	105489.95	1.14	ppb
Strontium	86-1	33.28	32.53	33.08	32.96	1.18	ppb
Strontium	88-1	32.42	32.71	32.79	32.64	0.60	ppb
Sulfur	34-1	76238.49	76417.93	75660.30	76105.57	0.52	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.26	0.29	0.25	17.82	ppb
Thallium	205-1	0.19	0.24	0.30	0.25	22.63	ppb
Thorium	232-1	0.03	0.04	0.07	0.04	44.39	ppb
Tin	118-1	0.22	0.25	0.27	0.24	10.05	ppb
Titanium	47-1	1973.60	1980.62	1951.02	1968.41	0.79	ppb
Uranium	238-1	0.02	0.03	0.05	0.04	49.49	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:13:09	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.21	0.18	0.21	0.20	8.09	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	9.78	9.68	9.56	9.67	1.14	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	54.10	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	51.76	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:16:53	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87870.78	88823.83	87637.38	88110.66	0.71	ppb
Antimony	121-1	20.48	20.68	21.00	20.72	1.27	ppb
Arsenic	75-2	20.12	19.78	19.89	19.93	0.87	ppb
Barium	135-1	21.29	21.25	21.51	21.35	0.66	ppb
Barium	137-1	21.04	21.29	21.41	21.24	0.89	ppb
Beryllium	9-1	20.40	21.08	21.29	20.93	2.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	11-1	49.92	51.84	51.13	50.96	1.91	ppb
Boron	10-1	49.92	52.32	52.05	51.43	2.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	22.88	22.33	23.38	22.86	2.29	ppb
Cadmium	108-1	33.89	34.90	34.44	34.41	1.47	ppb
Cadmium	111-1	18.23	18.68	18.55	18.49	1.25	ppb
Calcium	43-1	99603.29	98719.73	99256.91	99193.31	0.45	ppb
Calcium	44-1	99643.32	98008.89	99073.28	98908.49	0.84	ppb
Chromium	52-2	38.45	38.66	38.12	38.41	0.71	ppb
Cobalt	59-2	20.35	20.63	20.47	20.48	0.68	ppb
Copper	63-2	24.14	25.01	24.27	24.47	1.91	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	99753.53	99814.51	99549.45	99705.83	0.14	ppb
Iron	57-2	99177.27	100768.10	99365.99	99770.45	0.87	ppb
Iron	54-2	99621.17	99490.64	99113.40	99408.40	0.27	ppb
Krypton	83-1						cps
Lead	206-1	25.03	24.72	24.71	24.82	0.73	ppb
Lead	207-1	23.72	23.69	23.42	23.61	0.69	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:16:53	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	24.17	24.04	23.97	24.06	0.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	100747.82	100591.44	99316.94	100218.73	0.78	ppb
Manganese	55-2	26.45	26.13	26.20	26.26	0.64	ppb
Molybdenum	94-1	1430.18	1436.53	1412.90	1426.54	0.86	ppb
Molybdenum	95-1	1965.98	1973.96	1962.73	1967.56	0.29	ppb
Molybdenum	96-1	1896.23	1901.04	1876.05	1891.11	0.70	ppb
Molybdenum	97-1	1940.74	1957.68	1943.16	1947.19	0.47	ppb
Molybdenum	98-1	1957.54	1955.87	1963.12	1958.84	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.12	24.74	23.97	24.28	1.69	ppb
Phosphorus	31-2	92967.28	94475.47	93703.15	93715.30	0.80	ppb
Potassium	39-2	96855.01	97820.93	96828.81	97168.25	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	18.97	19.04	19.31	19.11	0.94	ppb
Selenium	77-2	17.54	20.80	18.66	19.00	8.73	ppb
Selenium	78-2	17.85	18.41	18.83	18.36	2.69	ppb
Silicon	28-1	66.13	66.54	67.94	66.87	1.42	ppb
Silver	107-1	18.36	18.58	18.48	18.47	0.60	ppb
Silver	109-1	18.39	18.34	18.64	18.45	0.88	ppb
Sodium	23-2	104503.28	105415.13	104990.56	104969.66	0.43	ppb
Strontium	86-1	76.76	78.77	77.22	77.58	1.36	ppb
Strontium	88-1	76.25	77.42	77.18	76.95	0.80	ppb
Sulfur	34-1	74343.02	75106.45	74948.37	74799.28	0.54	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	20.74	20.75	20.17	20.55	1.62	ppb
Thallium	205-1	20.51	20.30	20.07	20.29	1.08	ppb
Thorium	232-1	0.04	0.04	0.01	0.03	47.99	ppb
Tin	118-1	46.48	46.06	46.52	46.35	0.54	ppb
Titanium	47-1	2001.30	2005.48	2000.45	2002.41	0.13	ppb
Uranium	238-1	43.69	42.74	43.26	43.23	1.11	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:16:53	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.22	19.42	19.27	19.30	0.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	26.36	27.45	26.96	26.92	2.04	ppb
Zirconium	91-1	44.79	44.54	43.93	44.42	1.00	ppb
Zirconium	90-1	44.09	44.12	43.97	44.06	0.18	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49771.81	50417.83	49581.48	49923.71	0.88	ppb
Antimony	121-1	496.47	501.06	500.74	499.42	0.51	ppb
Arsenic	75-2	470.44	477.33	471.65	473.14	0.78	ppb
Barium	135-1	2554.96	2546.12	2529.00	2543.36	0.52	ppb
Barium	137-1	2525.35	2541.50	2520.01	2528.95	0.44	ppb
Beryllium	9-1	513.07	511.99	518.33	514.47	0.66	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	11-1	530.23	525.86	535.54	530.55	0.91	ppb
Boron	10-1	523.45	518.55	531.17	524.39	1.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	547.16	552.56	553.88	551.20	0.65	ppb
Cadmium	108-1	538.99	546.92	549.63	545.18	1.01	ppb
Cadmium	111-1	541.83	541.36	547.55	543.58	0.63	ppb
Calcium	43-1	244863.71	247984.33	247191.48	246679.84	0.66	ppb
Calcium	44-1	246941.30	246048.62	247342.48	246777.47	0.27	ppb
Chromium	52-2	494.76	495.57	493.87	494.73	0.17	ppb
Cobalt	59-2	472.03	473.29	471.11	472.14	0.23	ppb
Copper	63-2	993.72	1008.64	998.06	1000.14	0.77	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	121312.09	121218.60	120565.01	121031.90	0.34	ppb
Iron	57-2	120590.99	121603.32	120657.45	120950.59	0.47	ppb
Iron	54-2	120207.05	121781.31	120098.24	120695.53	0.78	ppb
Krypton	83-1						cps
Lead	206-1	512.28	509.88	517.23	513.13	0.73	ppb
Lead	207-1	511.91	512.66	513.99	512.85	0.21	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	512.25	510.71	516.35	513.10	0.57	ppb
Lithium	6-1				97		%
Magnesium	24-2	250474.73	252960.08	252323.33	251919.38	0.51	ppb
Manganese	55-2	954.36	966.90	954.88	958.72	0.74	ppb
Molybdenum	94-1	2486.80	2490.30	2475.32	2484.14	0.32	ppb
Molybdenum	95-1	2477.42	2481.13	2485.34	2481.30	0.16	ppb
Molybdenum	96-1	2476.60	2470.41	2467.32	2471.44	0.19	ppb
Molybdenum	97-1	2471.78	2467.03	2459.33	2466.05	0.25	ppb
Molybdenum	98-1	2466.19	2455.57	2470.54	2464.10	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.20	465.77	464.86	464.94	0.17	ppb
Phosphorus	31-2	9943.27	9996.53	9721.66	9887.15	1.47	ppb
Potassium	39-2	123653.53	125000.73	123207.21	123953.83	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	82-1	477.98	488.02	480.73	482.24	1.08	ppb
Selenium	77-2	477.81	503.55	480.42	487.26	2.91	ppb
Selenium	78-2	485.19	481.94	482.02	483.05	0.38	ppb
Silicon	28-1	485.71	490.88	496.10	490.90	1.06	ppb
Silver	107-1	508.29	505.83	512.47	508.86	0.66	ppb
Silver	109-1	508.75	504.18	507.75	506.89	0.47	ppb
Sodium	23-2	252883.01	256542.14	252805.51	254076.88	0.84	ppb
Strontium	86-1	497.93	497.76	496.25	497.31	0.19	ppb
Strontium	88-1	495.70	496.57	493.69	495.32	0.30	ppb
Sulfur	34-1	9648.20	9811.81	9803.30	9754.43	0.94	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	517.70	514.22	515.63	515.85	0.34	ppb
Thallium	205-1	514.82	509.62	514.15	512.86	0.55	ppb
Thorium	232-1	513.55	512.25	516.84	514.21	0.46	ppb
Tin	118-1	508.43	506.80	510.64	508.62	0.38	ppb
Titanium	47-1	2487.81	2482.35	2517.62	2495.93	0.76	ppb
Uranium	238-1	510.49	512.26	514.04	512.26	0.35	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	493.94	496.92	489.94	493.60	0.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	935.63	939.51	930.28	935.14	0.50	ppb
Zirconium	91-1	499.04	501.04	497.96	499.35	0.31	ppb
Zirconium	90-1	499.36	499.68	493.08	497.37	0.75	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.91	24.13	23.20	24.08	3.56	ppb
Antimony	121-1	2.33	2.42	2.38	2.37	1.94	ppb
Arsenic	75-2	1.12	1.14	1.15	1.14	1.50	ppb
Barium	135-1	10.61	10.45	10.54	10.53	0.76	ppb
Barium	137-1	10.40	10.53	10.69	10.54	1.42	ppb
Beryllium	9-1	1.05	1.08	1.16	1.10	4.86	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	30.17	30.84	30.80	30.60	1.22	ppb
Boron	10-1	29.10	31.45	31.06	30.54	4.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.61	1.19	1.01	1.27	24.22	ppb
Cadmium	108-1	1.15	1.02	1.06	1.08	6.23	ppb
Cadmium	111-1	1.04	1.05	1.07	1.05	1.21	ppb
Calcium	43-1	501.19	530.54	520.87	517.53	2.89	ppb
Calcium	44-1	522.38	526.41	524.06	524.28	0.39	ppb
Chromium	52-2	2.14	2.09	2.14	2.12	1.34	ppb
Cobalt	59-2	1.10	1.08	1.07	1.08	1.35	ppb
Copper	63-2	2.17	2.11	2.04	2.11	3.00	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	68.04	68.09	64.56	66.90	3.02	ppb
Iron	57-2	69.91	69.20	65.93	68.35	3.11	ppb
Iron	54-2	72.08	72.86	68.26	71.07	3.47	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.98	0.96	0.98	2.04	ppb
Lead	207-1	0.94	0.98	0.97	0.96	1.96	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.97	0.99	0.99	0.98	0.76	ppb
Lithium	6-1				111		%
Magnesium	24-2	575.70	568.11	558.58	567.46	1.51	ppb
Manganese	55-2	1.10	1.13	1.09	1.11	2.04	ppb
Molybdenum	94-1	5.05	5.23	5.30	5.19	2.42	ppb
Molybdenum	95-1	5.19	5.40	5.31	5.30	2.03	ppb
Molybdenum	96-1	5.22	5.36	5.29	5.29	1.29	ppb
Molybdenum	97-1	5.33	5.50	5.27	5.36	2.22	ppb
Molybdenum	98-1	5.24	5.27	5.27	5.26	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.21	1.28	1.24	2.77	ppb
Phosphorus	31-2	28.47	27.63	33.10	29.73	9.90	ppb
Potassium	39-2	544.92	523.50	530.98	533.13	2.04	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	5.24	5.37	5.89	5.50	6.32	ppb
Selenium	77-2	4.21	6.38	6.94	5.84	24.70	ppb
Selenium	78-2	6.00	4.79	5.50	5.43	11.20	ppb
Silicon	28-1	8.93	9.48	9.88	9.43	5.06	ppb
Silver	107-1	1.04	1.06	1.08	1.06	2.00	ppb
Silver	109-1	1.07	1.07	1.07	1.07	0.29	ppb
Sodium	23-2	591.01	587.24	579.66	585.97	0.99	ppb
Strontium	86-1	1.00	0.92	1.00	0.97	4.76	ppb
Strontium	88-1	0.98	0.97	0.98	0.98	0.72	ppb
Sulfur	34-1	-184.52	-129.24	-125.39	-146.38		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	1.00	0.99	1.01	1.00	0.96	ppb
Thallium	205-1	1.00	0.99	1.03	1.01	2.03	ppb
Thorium	232-1	0.84	0.84	0.84	0.84	0.09	ppb
Tin	118-1	5.36	5.46	5.35	5.39	1.12	ppb
Titanium	47-1	5.20	5.30	5.05	5.18	2.33	ppb
Uranium	238-1	0.84	0.86	0.86	0.85	1.41	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.40	5.37	5.32	5.36	0.76	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	2.14	2.25	2.07	2.16	4.16	ppb
Zirconium	91-1	0.98	1.10	0.98	1.02	6.54	ppb
Zirconium	90-1	0.97	0.99	0.97	0.98	1.00	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:31:15	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	4.11	1.59	2.14	82.95	ppb
Antimony	121-1	0.09	0.11	0.13	0.11	15.45	ppb
Arsenic	75-2	0.01	0.03	0.00	0.01	96.34	ppb
Barium	135-1	0.03	0.08	0.06	0.06	46.31	ppb
Barium	137-1	0.01	0.07	0.07	0.05	69.60	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	58.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	4.14	3.88	3.74	3.92	5.18	ppb
Boron	10-1	4.28	4.09	3.61	3.99	8.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.36	1.56	0.44	0.79	85.19	ppb
Cadmium	108-1	-0.03	0.07	0.01	0.02	258.56	ppb
Cadmium	111-1	0.04	0.15	0.06	0.08	70.28	ppb
Calcium	43-1	1.52	5.53	5.52	4.19	55.16	ppb
Calcium	44-1	2.97	7.37	7.89	6.07	44.50	ppb
Chromium	52-2	0.02	0.06	-0.02	0.02	188.88	ppb
Cobalt	59-2	0.00	0.05	0.01	0.02	128.69	ppb
Copper	63-2	0.05	0.11	0.05	0.07	52.25	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	1.63	8.26	3.57	4.48	76.08	ppb
Iron	57-2	1.66	7.96	3.08	4.23	78.17	ppb
Iron	54-2	1.16	10.06	3.66	4.96	92.47	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.04	0.03	29.44	ppb
Lead	207-1	0.02	0.04	0.04	0.03	28.05	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:31:15	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.02	0.03	0.04	0.03	22.15	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.48	14.19	4.80	7.16	86.61	ppb
Manganese	55-2	0.01	0.07	0.03	0.04	86.22	ppb
Molybdenum	94-1	0.05	0.15	0.15	0.12	52.77	ppb
Molybdenum	95-1	0.05	0.14	0.14	0.11	49.39	ppb
Molybdenum	96-1	0.06	0.12	0.14	0.11	41.19	ppb
Molybdenum	97-1	0.06	0.14	0.11	0.10	40.67	ppb
Molybdenum	98-1	0.07	0.15	0.15	0.12	39.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.03	0.02	78.80	ppb
Phosphorus	31-2	-18.98	-23.09	-24.58	-22.22		ppb
Potassium	39-2	11.82	20.01	14.19	15.34	27.48	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				120		%
Selenium	82-1	-0.08	-0.06	-0.02	-0.05		ppb
Selenium	77-2	-0.06	-0.06	0.10	-0.01		ppb
Selenium	78-2	0.13	0.47	0.31	0.30	56.60	ppb
Silicon	28-1	0.33	0.70	0.35	0.46	44.75	ppb
Silver	107-1	0.01	0.00	0.01	0.01	34.56	ppb
Silver	109-1	0.00	0.01	0.01	0.01	39.58	ppb
Sodium	23-2	17.80	28.56	19.96	22.11	25.74	ppb
Strontium	86-1	-0.01	0.02	0.03	0.01	143.51	ppb
Strontium	88-1	0.00	0.02	0.01	0.01	64.46	ppb
Sulfur	34-1	-20.36	35.95	-10.98	1.54	1961.93	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.06	0.05	0.05	10.90	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	14.60	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	38.35	ppb
Tin	118-1	0.03	0.04	0.05	0.04	23.83	ppb
Titanium	47-1	0.03	0.10	0.10	0.08	51.69	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	86.52	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:31:15	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.04	0.01	0.02	99.78	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	-0.03	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.04	0.05	0.03	96.20	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	44.35	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.39	22.50	21.46	22.45	4.31	ppb
Antimony	121-1	2.12	2.07	2.12	2.11	1.32	ppb
Arsenic	75-2	1.12	1.18	1.11	1.14	3.54	ppb
Barium	135-1	10.15	10.47	10.51	10.38	1.87	ppb
Barium	137-1	10.41	10.23	10.65	10.43	1.98	ppb
Beryllium	9-1	1.07	1.03	1.10	1.06	3.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	11-1	28.16	28.34	28.46	28.32	0.53	ppb
Boron	10-1	27.21	27.79	28.63	27.88	2.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.50	2.17	1.13	1.60	32.94	ppb
Cadmium	108-1	1.03	1.02	1.10	1.05	4.28	ppb
Cadmium	111-1	1.11	1.10	1.01	1.07	4.89	ppb
Calcium	43-1	512.16	514.07	510.42	512.22	0.36	ppb
Calcium	44-1	522.88	521.94	525.00	523.27	0.30	ppb
Chromium	52-2	2.12	2.07	2.09	2.09	1.09	ppb
Cobalt	59-2	1.07	1.06	1.08	1.07	0.63	ppb
Copper	63-2	2.09	2.09	2.08	2.09	0.16	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	64.99	61.59	58.27	61.62	5.45	ppb
Iron	57-2	64.79	62.59	61.10	62.83	2.96	ppb
Iron	54-2	69.17	64.79	59.74	64.57	7.31	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.98	0.97	0.97	0.86	ppb
Lead	207-1	0.98	0.94	0.96	0.96	1.82	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.97	0.97	0.96	0.97	0.55	ppb
Lithium	6-1				110		%
Magnesium	24-2	557.61	553.89	550.82	554.11	0.61	ppb
Manganese	55-2	1.11	1.15	1.10	1.12	2.14	ppb
Molybdenum	94-1	5.08	5.07	5.15	5.10	0.82	ppb
Molybdenum	95-1	5.17	5.12	5.07	5.12	1.03	ppb
Molybdenum	96-1	5.16	5.22	5.22	5.20	0.61	ppb
Molybdenum	97-1	5.18	5.18	5.11	5.15	0.79	ppb
Molybdenum	98-1	5.13	5.03	5.12	5.09	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.16	1.16	1.19	4.67	ppb
Phosphorus	31-2	45.70	27.46	18.41	30.52	45.54	ppb
Potassium	39-2	536.15	533.04	528.89	532.69	0.68	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				120		%
Selenium	82-1	5.52	5.36	5.17	5.35	3.23	ppb
Selenium	77-2	3.74	4.52	4.89	4.39	13.31	ppb
Selenium	78-2	5.55	6.29	6.46	6.10	7.91	ppb
Silicon	28-1	8.83	9.44	9.67	9.31	4.67	ppb
Silver	107-1	1.01	0.99	1.00	1.00	0.96	ppb
Silver	109-1	1.00	1.00	1.02	1.01	1.24	ppb
Sodium	23-2	565.62	559.21	554.65	559.83	0.98	ppb
Strontium	86-1	1.04	0.96	0.97	0.99	4.19	ppb
Strontium	88-1	0.99	1.01	1.00	1.00	1.23	ppb
Sulfur	34-1	95.08	191.82	220.36	169.09	38.83	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	1.00	0.99	0.98	0.99	1.07	ppb
Thallium	205-1	0.98	0.98	0.99	0.98	0.63	ppb
Thorium	232-1	0.78	0.77	0.76	0.77	1.64	ppb
Tin	118-1	5.30	5.39	5.49	5.39	1.73	ppb
Titanium	47-1	5.21	5.07	5.35	5.21	2.71	ppb
Uranium	238-1	0.85	0.88	0.88	0.87	2.20	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.45	5.44	5.18	5.36	2.83	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	2.30	2.23	2.12	2.22	3.98	ppb
Zirconium	91-1	0.92	0.91	0.91	0.92	0.84	ppb
Zirconium	90-1	0.91	0.88	0.90	0.90	1.40	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47367.34	46956.59	46834.70	47052.88	0.59	ppb
Antimony	121-1	0.14	0.14	0.18	0.15	15.16	ppb
Arsenic	75-2	9.25	9.71	9.36	9.44	2.57	ppb
Barium	135-1	917.19	900.83	894.72	904.25	1.29	ppb
Barium	137-1	911.59	902.83	886.17	900.20	1.43	ppb
Beryllium	9-1	2.64	2.53	2.58	2.59	2.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	11.35	11.80	11.54	11.56	1.94	ppb
Boron	10-1	11.34	11.09	11.02	11.15	1.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	11.66	9.34	8.36	9.79	17.35	ppb
Cadmium	108-1	4.65	4.61	4.27	4.51	4.55	ppb
Cadmium	111-1	1.70	1.55	1.44	1.56	8.56	ppb
Calcium	43-1	3137.75	3102.24	3041.62	3093.87	1.57	ppb
Calcium	44-1	3198.04	3174.72	3140.20	3170.99	0.92	ppb
Chromium	52-2	138.95	138.97	139.95	139.29	0.41	ppb
Cobalt	59-2	36.21	36.32	36.06	36.20	0.35	ppb
Copper	63-2	55.71	55.48	55.43	55.54	0.27	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	66313.41	66491.75	66081.26	66295.47	0.31	ppb
Iron	57-2	65379.55	65966.74	65632.71	65659.67	0.45	ppb
Iron	54-2	66818.82	66000.92	65693.86	66171.20	0.88	ppb
Krypton	83-1						cps
Lead	206-1	53.12	54.29	53.57	53.66	1.11	ppb
Lead	207-1	49.94	50.95	50.30	50.40	1.02	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	51.68	52.92	52.09	52.23	1.21	ppb
Lithium	6-1				104		%
Magnesium	24-2	10279.10	10199.23	10246.92	10241.75	0.39	ppb
Manganese	55-2	527.13	526.45	521.84	525.14	0.55	ppb
Molybdenum	94-1	41.63	41.64	41.33	41.53	0.43	ppb
Molybdenum	95-1	0.95	0.97	0.97	0.97	1.37	ppb
Molybdenum	96-1	6.59	6.63	6.61	6.61	0.27	ppb
Molybdenum	97-1	0.96	0.99	0.96	0.97	1.99	ppb
Molybdenum	98-1	0.96	0.91	0.99	0.95	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.65	54.58	54.64	54.62	0.07	ppb
Phosphorus	31-2	783.03	728.41	812.36	774.60	5.50	ppb
Potassium	39-2	829.89	821.23	818.78	823.30	0.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				123		%
Scandium	45-2				127		%
Selenium	82-1	2.31	2.23	2.17	2.24	3.23	ppb
Selenium	77-2	49.63	45.16	48.53	47.77	4.88	ppb
Selenium	78-2	10.45	10.86	12.25	11.18	8.43	ppb
Silicon	28-1	10131.37	10096.81	10183.51	10137.23	0.43	ppb
Silver	107-1	0.26	0.26	0.24	0.25	4.18	ppb
Silver	109-1	0.23	0.24	0.23	0.23	2.58	ppb
Sodium	23-2	379.30	361.47	360.77	367.18	2.86	ppb
Strontium	86-1	27.68	27.53	26.98	27.40	1.33	ppb
Strontium	88-1	27.22	27.32	27.13	27.22	0.35	ppb
Sulfur	34-1	-461.37	-487.89	-513.88	-487.71		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.49	0.47	0.50	0.49	2.38	ppb
Thallium	205-1	0.47	0.45	0.46	0.46	1.97	ppb
Thorium	232-1	17.78	17.68	17.90	17.79	0.63	ppb
Tin	118-1	0.45	0.43	0.45	0.44	2.58	ppb
Titanium	47-1	748.67	736.94	747.59	744.40	0.87	ppb
Uranium	238-1	7.15	7.25	7.20	7.20	0.67	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	206.95	207.47	207.16	207.19	0.13	ppb
Yttrium	89-1				127		%
Yttrium	89-2				126		%
Zinc	66-2	240.97	242.64	243.91	242.51	0.61	ppb
Zirconium	91-1	26.76	26.77	26.90	26.81	0.29	ppb
Zirconium	90-1	26.92	26.91	26.62	26.81	0.63	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19402.97	19099.43	19027.63	19176.68	1.04	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	0.47	ppb
Arsenic	75-2	3.98	3.98	3.89	3.95	1.28	ppb
Barium	135-1	340.84	352.84	349.21	347.63	1.77	ppb
Barium	137-1	338.81	351.55	346.57	345.64	1.86	ppb
Beryllium	9-1	1.01	1.01	0.96	0.99	2.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	5.68	5.57	5.59	5.61	1.02	ppb
Boron	10-1	5.65	5.76	5.34	5.58	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	2.16	2.07	2.77	2.33	16.34	ppb
Cadmium	108-1	1.63	1.60	1.62	1.62	1.08	ppb
Cadmium	111-1	0.51	0.47	0.54	0.51	6.86	ppb
Calcium	43-1	1225.60	1266.00	1245.42	1245.67	1.62	ppb
Calcium	44-1	1274.30	1309.14	1298.49	1293.97	1.38	ppb
Chromium	52-2	56.16	56.42	55.97	56.18	0.40	ppb
Cobalt	59-2	14.75	14.59	14.65	14.66	0.57	ppb
Copper	63-2	23.15	23.18	22.91	23.08	0.65	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	27083.11	26804.75	26635.65	26841.17	0.84	ppb
Iron	57-2	27077.01	26540.21	26679.01	26765.41	1.04	ppb
Iron	54-2	26706.95	26674.77	26420.27	26600.66	0.59	ppb
Krypton	83-1						cps
Lead	206-1	19.95	20.58	20.19	20.24	1.58	ppb
Lead	207-1	19.04	19.16	19.11	19.10	0.34	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	19.44	20.03	19.61	19.70	1.54	ppb
Lithium	6-1				104		%
Magnesium	24-2	4194.02	4173.98	4165.32	4177.77	0.35	ppb
Manganese	55-2	211.15	209.86	209.34	210.12	0.44	ppb
Molybdenum	94-1	15.90	16.31	16.52	16.24	1.92	ppb
Molybdenum	95-1	0.38	0.42	0.42	0.41	5.01	ppb
Molybdenum	96-1	2.66	2.67	2.68	2.67	0.49	ppb
Molybdenum	97-1	0.38	0.39	0.46	0.41	10.85	ppb
Molybdenum	98-1	0.39	0.39	0.40	0.39	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.65	22.48	22.46	22.53	0.46	ppb
Phosphorus	31-2	296.57	312.27	309.81	306.21	2.76	ppb
Potassium	39-2	339.78	342.51	344.52	342.27	0.69	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				118		%
Scandium	45-2				122		%
Selenium	82-1	0.94	0.96	0.70	0.87	16.46	ppb
Selenium	77-2	18.79	16.66	18.93	18.12	7.02	ppb
Selenium	78-2	5.43	5.23	4.74	5.13	6.96	ppb
Silicon	28-1	6186.91	6288.13	6290.53	6255.19	0.95	ppb
Silver	107-1	0.08	0.10	0.10	0.09	9.42	ppb
Silver	109-1	0.08	0.09	0.08	0.09	5.91	ppb
Sodium	23-2	151.67	153.85	163.68	156.40	4.09	ppb
Strontium	86-1	11.48	11.71	11.28	11.49	1.87	ppb
Strontium	88-1	11.21	11.54	11.27	11.34	1.56	ppb
Sulfur	34-1	-938.39	-912.65	-941.15	-930.73		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.18	0.19	0.19	3.18	ppb
Thallium	205-1	0.17	0.18	0.17	0.17	2.92	ppb
Thorium	232-1	6.59	6.72	6.66	6.66	0.94	ppb
Tin	118-1	0.12	0.13	0.13	0.13	5.65	ppb
Titanium	47-1	341.84	353.26	344.30	346.47	1.74	ppb
Uranium	238-1	2.71	2.73	2.70	2.71	0.64	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	83.39	83.36	82.56	83.10	0.57	ppb
Yttrium	89-1				119		%
Yttrium	89-2				120		%
Zinc	66-2	103.20	102.18	100.76	102.05	1.20	ppb
Zirconium	91-1	10.43	10.49	10.62	10.51	0.95	ppb
Zirconium	90-1	10.27	10.67	10.49	10.48	1.91	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3850.08	3845.02	3793.71	3829.60	0.81	ppb
Antimony	121-1	0.02	0.03	0.08	0.04	67.72	ppb
Arsenic	75-2	0.82	0.75	0.89	0.82	8.55	ppb
Barium	135-1	68.08	67.59	66.65	67.44	1.08	ppb
Barium	137-1	67.22	67.60	65.92	66.91	1.32	ppb
Beryllium	9-1	0.19	0.22	0.26	0.22	14.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	11-1	1.39	1.49	1.62	1.50	7.40	ppb
Boron	10-1	1.38	1.64	1.47	1.50	9.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.83	-1.57	-1.07	-1.15		ppb
Cadmium	108-1	0.26	0.27	0.34	0.29	15.41	ppb
Cadmium	111-1	0.00	-0.05	0.03	-0.01		ppb
Calcium	43-1	256.79	256.95	253.62	255.78	0.73	ppb
Calcium	44-1	260.83	262.75	268.79	264.12	1.57	ppb
Chromium	52-2	11.46	11.31	11.25	11.34	0.91	ppb
Cobalt	59-2	2.97	3.01	2.95	2.98	1.12	ppb
Copper	63-2	4.70	4.65	4.65	4.67	0.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	5497.55	5415.86	5323.07	5412.16	1.61	ppb
Iron	57-2	5370.52	5329.00	5319.60	5339.71	0.51	ppb
Iron	54-2	5515.45	5497.01	5445.03	5485.83	0.67	ppb
Krypton	83-1						cps
Lead	206-1	3.83	3.82	3.92	3.86	1.34	ppb
Lead	207-1	3.59	3.57	3.72	3.63	2.25	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	3.76	3.76	3.80	3.77	0.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	845.58	852.26	827.77	841.87	1.50	ppb
Manganese	55-2	42.16	42.54	41.50	42.07	1.25	ppb
Molybdenum	94-1	3.31	3.34	3.38	3.34	1.09	ppb
Molybdenum	95-1	0.10	0.11	0.29	0.17	62.17	ppb
Molybdenum	96-1	0.54	0.55	0.72	0.60	17.40	ppb
Molybdenum	97-1	0.09	0.11	0.32	0.18	72.95	ppb
Molybdenum	98-1	0.10	0.12	0.30	0.17	65.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.56	4.47	4.53	1.14	ppb
Phosphorus	31-2	36.60	39.66	50.32	42.19	17.07	ppb
Potassium	39-2	78.66	81.36	70.72	76.91	7.19	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				120		%
Selenium	82-1	0.07	-0.01	0.17	0.08	118.06	ppb
Selenium	77-2	3.40	4.29	4.12	3.94	11.95	ppb
Selenium	78-2	0.86	0.80	1.15	0.94	19.80	ppb
Silicon	28-1	1262.81	1263.29	1240.70	1255.60	1.03	ppb
Silver	107-1	0.03	0.01	0.02	0.02	32.97	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.96	ppb
Sodium	23-2	45.06	46.62	31.51	41.07	20.23	ppb
Strontium	86-1	2.18	2.37	2.38	2.31	4.76	ppb
Strontium	88-1	2.26	2.30	2.33	2.30	1.60	ppb
Sulfur	34-1	-1376.08	-1337.71	-1372.08	-1361.96		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.04	0.06	0.05	31.15	ppb
Thallium	205-1	0.03	0.04	0.07	0.05	42.74	ppb
Thorium	232-1	1.21	1.21	1.22	1.21	0.20	ppb
Tin	118-1	0.01	0.03	0.08	0.04	86.71	ppb
Titanium	47-1	69.10	69.65	68.52	69.09	0.81	ppb
Uranium	238-1	0.52	0.53	0.56	0.53	3.70	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	16.92	16.64	16.51	16.69	1.25	ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	21.01	21.10	21.07	21.06	0.22	ppb
Zirconium	91-1	2.06	2.05	2.07	2.06	0.44	ppb
Zirconium	90-1	2.05	2.06	2.06	2.06	0.36	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:50:55	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49061.08	50769.85	48851.55	49560.83	2.12	ppb
Antimony	121-1	500.29	507.37	495.07	500.91	1.23	ppb
Arsenic	75-2	462.26	483.57	462.86	469.56	2.58	ppb
Barium	135-1	2568.74	2621.02	2551.95	2580.57	1.40	ppb
Barium	137-1	2525.17	2578.50	2521.13	2541.60	1.26	ppb
Beryllium	9-1	519.22	521.01	502.27	514.17	2.01	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	11-1	513.69	525.79	517.05	518.84	1.20	ppb
Boron	10-1	505.27	513.40	511.01	509.89	0.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	536.72	565.74	549.10	550.52	2.64	ppb
Cadmium	108-1	548.45	563.65	546.22	552.77	1.72	ppb
Cadmium	111-1	541.27	562.57	543.48	549.10	2.13	ppb
Calcium	43-1	250451.42	251513.94	244015.52	248660.29	1.63	ppb
Calcium	44-1	250796.01	252637.18	244698.48	249377.22	1.67	ppb
Chromium	52-2	481.14	501.79	484.29	489.07	2.27	ppb
Cobalt	59-2	464.11	475.67	465.51	468.43	1.35	ppb
Copper	63-2	993.45	1023.97	988.62	1002.02	1.91	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	119646.06	123266.96	117951.24	120288.09	2.26	ppb
Iron	57-2	119211.34	122694.90	118098.95	120001.73	2.00	ppb
Iron	54-2	119417.88	122934.18	117984.41	120112.16	2.12	ppb
Krypton	83-1						cps
Lead	206-1	512.25	514.95	511.06	512.75	0.39	ppb
Lead	207-1	517.24	514.67	517.54	516.49	0.31	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:50:55	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	517.57	515.91	513.76	515.75	0.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	244684.58	251497.86	243116.57	246433.00	1.81	ppb
Manganese	55-2	947.66	983.60	939.65	956.97	2.45	ppb
Molybdenum	94-1	2533.78	2536.48	2487.20	2519.15	1.10	ppb
Molybdenum	95-1	2537.79	2520.47	2473.18	2510.48	1.33	ppb
Molybdenum	96-1	2526.10	2513.25	2457.81	2499.05	1.45	ppb
Molybdenum	97-1	2524.72	2503.03	2468.50	2498.75	1.13	ppb
Molybdenum	98-1	2510.83	2499.18	2460.45	2490.16	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.60	474.70	457.70	464.33	1.96	ppb
Phosphorus	31-2	9670.21	10022.53	9599.95	9764.23	2.32	ppb
Potassium	39-2	120813.02	124895.20	121084.55	122264.26	1.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				108		%
Scandium	45-2				115		%
Selenium	82-1	487.65	489.37	477.83	484.95	1.28	ppb
Selenium	77-2	492.03	487.87	469.14	483.01	2.52	ppb
Selenium	78-2	476.75	479.61	475.87	477.41	0.41	ppb
Silicon	28-1	493.43	503.10	493.19	496.58	1.14	ppb
Silver	107-1	511.50	519.28	509.33	513.37	1.02	ppb
Silver	109-1	511.01	523.37	504.73	513.04	1.85	ppb
Sodium	23-2	245169.65	252122.77	245773.80	247688.74	1.56	ppb
Strontium	86-1	507.69	503.31	494.91	501.97	1.29	ppb
Strontium	88-1	505.58	503.78	490.68	500.01	1.63	ppb
Sulfur	34-1	10173.29	10399.96	9942.51	10171.92	2.25	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	514.80	521.66	516.50	517.66	0.69	ppb
Thallium	205-1	509.93	517.77	515.67	514.45	0.79	ppb
Thorium	232-1	520.46	520.86	511.54	517.62	1.02	ppb
Tin	118-1	510.13	519.04	507.04	512.07	1.22	ppb
Titanium	47-1	2545.12	2548.17	2479.89	2524.39	1.53	ppb
Uranium	238-1	516.40	517.76	513.89	516.02	0.38	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:50:55	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	487.89	502.77	485.27	491.98	1.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	924.46	961.37	924.37	936.73	2.28	ppb
Zirconium	91-1	506.40	505.15	498.67	503.41	0.82	ppb
Zirconium	90-1	507.24	503.66	493.72	501.54	1.40	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:54:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.07	1.10	1.07	2.04	ppb
Antimony	121-1	0.65	0.76	0.83	0.75	11.61	ppb
Arsenic	75-2	0.04	0.00	0.03	0.02	72.04	ppb
Barium	135-1	0.55	0.59	0.32	0.49	29.61	ppb
Barium	137-1	0.53	0.60	0.30	0.48	33.37	ppb
Beryllium	9-1	0.12	0.19	0.10	0.14	31.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	9.34	8.57	7.97	8.63	7.98	ppb
Boron	10-1	10.58	8.76	8.00	9.11	14.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.18	1.89	0.17	1.08	80.42	ppb
Cadmium	108-1	0.09	0.08	0.05	0.08	24.35	ppb
Cadmium	111-1	0.22	0.27	0.08	0.19	50.37	ppb
Calcium	43-1	38.00	46.96	27.82	37.60	25.47	ppb
Calcium	44-1	42.76	51.18	27.95	40.63	28.94	ppb
Chromium	52-2	0.02	0.00	-0.03	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	26.08	ppb
Copper	63-2	0.03	0.02	0.02	0.02	7.49	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	3.54	3.64	3.83	3.67	3.94	ppb
Iron	57-2	3.30	4.27	3.37	3.65	14.87	ppb
Iron	54-2	4.72	3.96	4.24	4.30	8.96	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.16	0.07	0.11	38.44	ppb
Lead	207-1	0.12	0.14	0.08	0.11	26.86	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:54:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.13	0.15	0.08	0.12	30.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	4.94	4.70	4.44	4.69	5.35	ppb
Manganese	55-2	0.05	0.03	0.05	0.04	20.82	ppb
Molybdenum	94-1	0.80	0.91	0.63	0.78	17.83	ppb
Molybdenum	95-1	0.83	0.92	0.72	0.83	12.13	ppb
Molybdenum	96-1	0.83	0.90	0.67	0.80	15.06	ppb
Molybdenum	97-1	0.83	0.90	0.67	0.80	14.78	ppb
Molybdenum	98-1	0.85	0.96	0.68	0.83	17.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-22.12	-35.75	-30.48	-29.45		ppb
Potassium	39-2	20.19	16.91	14.75	17.29	15.84	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				115		%
Scandium	45-2				119		%
Selenium	82-1	0.23	0.16	0.12	0.17	35.15	ppb
Selenium	77-2	-0.06	0.26	-0.06	0.05	401.82	ppb
Selenium	78-2	-0.06	0.05	-0.06	-0.02		ppb
Silicon	28-1	1.36	1.58	1.03	1.32	21.11	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.95	ppb
Silver	109-1	0.04	0.03	0.02	0.03	25.66	ppb
Sodium	23-2	20.79	20.00	18.28	19.69	6.50	ppb
Strontium	86-1	0.09	0.11	0.05	0.08	35.85	ppb
Strontium	88-1	0.09	0.11	0.06	0.09	27.64	ppb
Sulfur	34-1	-225.45	-151.21	-170.33	-182.33		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.15	0.09	0.12	23.60	ppb
Thallium	205-1	0.12	0.14	0.07	0.11	28.78	ppb
Thorium	232-1	0.14	0.17	0.13	0.14	13.76	ppb
Tin	118-1	0.30	0.33	0.32	0.31	5.38	ppb
Titanium	47-1	0.60	0.70	0.45	0.58	21.79	ppb
Uranium	238-1	0.11	0.13	0.07	0.10	31.07	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:54:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	19.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	0.03	0.06	0.03	0.04	48.80	ppb
Zirconium	91-1	0.15	0.15	0.11	0.14	17.78	ppb
Zirconium	90-1	0.13	0.15	0.12	0.14	12.20	ppb

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:29:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	50	69	24.98	cps
Antimony	121-1	408	583	583	525	19.25	cps
Arsenic	75-2	7	11	22	14	56.76	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	133	100	75	103	28.48	cps
Beryllium	9-1	100	61	100	87	25.80	cps
Bismuth	209-1	21995014	21601495	21925301	21840603	0.96	cps
Bismuth	209-2	12270242	12260941	12234569	12255251	0.15	cps
Boron	11-1	8219	7902	8052	8058	1.97	cps
Boron	10-1	1583	1750	1517	1617	7.44	cps
Bromine	81-1	54850	54750	55222	54941	0.45	cps
Bromine	81-2	611	440	420	491	21.31	cps
Cadmium	106-1	15910	15626	16068	15868	1.41	cps
Cadmium	108-1	58	42	42	47	20.37	cps
Cadmium	111-1	11167	11034	11281	11161	1.11	cps
Calcium	43-1	225	258	250	244	7.10	cps
Calcium	44-1	11655	11330	12139	11708	3.48	cps
Chromium	52-2	1890	1590	1870	1783	9.41	cps
Cobalt	59-2	193	183	143	173	15.26	cps
Copper	63-2	1207	1157	1230	1198	3.13	cps
Dysprosium	156-2	20	30	33	28	24.98	cps
Dysprosium	156-1	50	50	50	50	0.00	cps
Erbium	164-1	92	142	200	144	37.54	cps
Erbium	164-2	93	110	83	96	14.09	cps
Gadolinium	160-1	342	283	292	306	10.33	cps
Gadolinium	160-2	610	657	687	651	5.93	cps
Holmium	165-1	33116077	33062152	33394612	33190947	0.54	cps
Holmium	165-2	16219603	16244883	16439986	16301491	0.74	cps
Indium	115-1	25826990	25552690	25602600	25660760	0.57	cps
Indium	115-2	4671400	4721168	4771594	4721387	1.06	cps
Iron	56-2	6796	6891	6818	6835	0.72	cps
Iron	57-2	294	178	222	231	25.44	cps
Iron	54-2	721	801	721	747	6.19	cps
Krypton	83-1	807	883	903	864	5.90	cps
Lead	206-1	1417	1339	1400	1385	2.96	cps
Lead	207-1	1245	1289	1233	1256	2.34	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:29:25 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5112	4945	5173	5076	2.32	cps
Lithium	6-1	7482537	7442843	7491886	7472422	0.35	cps
Magnesium	24-2	325	233	300	286	16.56	cps
Manganese	55-2	70	63	60	64	7.90	cps
Molybdenum	94-1	675	633	700	669	5.03	cps
Molybdenum	95-1	217	217	242	225	6.41	cps
Molybdenum	96-1	492	375	533	467	17.59	cps
Molybdenum	97-1	192	192	167	183	7.88	cps
Molybdenum	98-1	392	483	325	400	19.87	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	77	63	80	73	12.03	cps
Phosphorus	31-2	383	433	417	411	6.19	cps
Potassium	39-2	26057	25464	26783	26102	2.53	cps
Rhodium	103-1	23742445	23713727	23765577	23740583	0.11	cps
Rhodium	103-2	10699385	10706866	10792428	10732893	0.48	cps
Scandium	45-1	15707277	15369575	15431341	15502731	1.16	cps
Scandium	45-2	659980	654178	659944	658034	0.51	cps
Selenium	82-1	137	23	46	68	87.75	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	98	98	83	93	9.18	cps
Silicon	28-1	277070	278173	274730	276658	0.64	cps
Silver	107-1	358	375	350	361	3.52	cps
Silver	109-1	183	92	100	125	40.55	cps
Sodium	23-2	17344	17745	17970	17686	1.79	cps
Strontium	86-1	1200	1442	1467	1370	10.75	cps
Strontium	88-1	183	208	250	214	15.74	cps
Sulfur	34-1	538233	542267	539046	539848	0.40	cps
Terbium	159-1	34131849	33987618	33868693	33996053	0.39	cps
Terbium	159-2	16158373	16035582	16026216	16073390	0.46	cps
Thallium	203-1	1317	1175	1092	1195	9.52	cps
Thallium	205-1	2892	2650	3059	2867	7.16	cps
Thorium	232-1	2867	2895	3339	3034	8.74	cps
Tin	118-1	1825	1967	2050	1947	5.84	cps
Titanium	47-1	158	108	250	172	41.72	cps
Uranium	238-1	2092	2150	2092	2111	1.60	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:29:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	20	12	56.76	cps
Yttrium	89-1	34312829	34027291	33812918	34051013	0.74	cps
Yttrium	89-2	4477427	4482445	4515164	4491679	0.46	cps
Zinc	66-2	443	447	557	482	13.37	cps
Zirconium	91-1	292	375	267	311	18.23	cps
Zirconium	90-1	1658	1633	1742	1678	3.38	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4101	3659	3317	3692	10.64	cps
Antimony	121-1	37752	39189	39306	38749	2.23	cps
Arsenic	75-2	633	606	626	622	2.31	cps
Barium	135-1	53194	53972	54357	53841	1.10	cps
Barium	137-1	90267	91282	92767	91439	1.38	cps
Beryllium	9-1	4856	4679	4729	4755	1.93	cps
Bismuth	209-1	21580441	22185583	22275321	22013782	1.72	cps
Bismuth	209-2	12075954	11955511	12134061	12055175	0.76	cps
Boron	11-1	98462	99745	99637	99281	0.72	cps
Boron	10-1	20765	21850	21616	21410	2.67	cps
Bromine	81-1	51785	51806	52941	52177	1.27	cps
Bromine	81-2	330	180	230	247	30.96	cps
Cadmium	106-1	17253	17637	16869	17253	2.22	cps
Cadmium	108-1	467	513	558	513	8.94	cps
Cadmium	111-1	18248	18130	17665	18014	1.71	cps
Calcium	43-1	32111	32086	33096	32431	1.78	cps
Calcium	44-1	529290	536682	535024	533666	0.73	cps
Chromium	52-2	13373	12132	11331	12279	8.38	cps
Cobalt	59-2	9797	9133	8589	9173	6.59	cps
Copper	63-2	15298	14451	13780	14510	5.24	cps
Dysprosium	156-2	23	13	33	23	42.86	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Erbium	164-1	125	175	192	164	21.17	cps
Erbium	164-2	83	87	97	89	7.81	cps
Gadolinium	160-1	250	350	292	297	16.90	cps
Gadolinium	160-2	733	687	663	694	5.13	cps
Holmium	165-1	32986028	33964836	33828391	33593085	1.58	cps
Holmium	165-2	15968407	15716624	16038956	15907996	1.07	cps
Indium	115-1	25666200	25847331	26231013	25914848	1.11	cps
Indium	115-2	4708160	4723927	4738962	4723683	0.33	cps
Iron	56-2	266857	252819	235859	251845	6.16	cps
Iron	57-2	7096	6713	6313	6707	5.84	cps
Iron	54-2	16176	14953	13410	14846	9.33	cps
Krypton	83-1	880	810	893	861	5.20	cps
Lead	206-1	18608	19392	19142	19047	2.10	cps
Lead	207-1	16366	17111	17251	16909	2.81	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	74427	77194	77100	76240	2.06	cps
Lithium	6-1	7404377	7571956	7560607	7512313	1.25	cps
Magnesium	24-2	232612	218134	208598	219782	5.50	cps
Manganese	55-2	3674	3547	3510	3577	2.40	cps
Molybdenum	94-1	41612	41503	42506	41874	1.31	cps
Molybdenum	95-1	55232	54790	55207	55076	0.45	cps
Molybdenum	96-1	60529	61408	61047	60995	0.72	cps
Molybdenum	97-1	33733	33791	34501	34008	1.26	cps
Molybdenum	98-1	88214	89732	88324	88757	0.95	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2827	2787	2764	2793	1.15	cps
Phosphorus	31-2	900	867	908	892	2.47	cps
Potassium	39-2	237885	232849	226775	232503	2.39	cps
Rhodium	103-1	23549664	24258680	24062930	23957092	1.53	cps
Rhodium	103-2	10408414	10527922	10556619	10497652	0.75	cps
Scandium	45-1	15431610	15790984	15691646	15638080	1.19	cps
Scandium	45-2	658813	657069	656383	657422	0.19	cps
Selenium	82-1	2471	2514	2476	2487	0.94	cps
Selenium	77-2	97	113	67	92	25.64	cps
Selenium	78-2	420	450	413	428	4.58	cps
Silicon	28-1	407919	410855	409954	409576	0.37	cps
Silver	107-1	26876	27436	26852	27055	1.22	cps
Silver	109-1	26125	26342	26158	26209	0.45	cps
Sodium	23-2	447119	435004	415449	432524	3.69	cps
Strontium	86-1	7844	8711	8178	8244	5.31	cps
Strontium	88-1	60068	62136	60001	60735	2.00	cps
Sulfur	34-1	550507	559830	562023	557453	1.10	cps
Terbium	159-1	33861305	34649718	34400649	34303891	1.17	cps
Terbium	159-2	15776301	15690629	15621014	15695981	0.50	cps
Thallium	203-1	22270	23104	23655	23010	3.03	cps
Thallium	205-1	54211	54496	54571	54426	0.35	cps
Thorium	232-1	63794	62934	61522	62750	1.83	cps
Tin	118-1	91430	91498	92529	91819	0.67	cps
Titanium	47-1	15367	15826	15308	15500	1.83	cps
Uranium	238-1	75419	73718	75888	75008	1.52	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:33:06	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23576	22240	20484	22100	7.02	cps
Yttrium	89-1	33647230	34928244	34480469	34351981	1.89	cps
Yttrium	89-2	4502117	4515090	4499654	4505620	0.18	cps
Zinc	66-2	3074	3110	3577	3254	8.63	cps
Zirconium	91-1	6485	6919	6552	6652	3.51	cps
Zirconium	90-1	30617	29882	30032	30177	1.29	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203694	203195	193215	200035	2.96	cps
Antimony	121-1	956766	964244	951689	957566	0.66	cps
Arsenic	75-2	30499	30326	29183	30003	2.38	cps
Barium	135-1	1299289	1315134	1299863	1304762	0.69	cps
Barium	137-1	2248662	2235750	2238206	2240873	0.31	cps
Beryllium	9-1	231240	228922	229548	229903	0.52	cps
Bismuth	209-1	21653055	21650762	21716151	21673323	0.17	cps
Bismuth	209-2	12045139	11964645	11910124	11973303	0.57	cps
Boron	11-1	192613	192665	192657	192645	0.01	cps
Boron	10-1	41525	40756	42134	41472	1.67	cps
Bromine	81-1	54086	52861	52369	53105	1.67	cps
Bromine	81-2	140	190	190	174	16.65	cps
Cadmium	106-1	49571	50591	48426	49530	2.19	cps
Cadmium	108-1	23762	23345	23557	23555	0.89	cps
Cadmium	111-1	310700	313468	311124	311764	0.48	cps
Calcium	43-1	316735	320779	315556	317690	0.86	cps
Calcium	44-1	5064477	5126806	5021642	5070975	1.04	cps
Chromium	52-2	296335	291913	283191	290480	2.30	cps
Cobalt	59-2	494586	489756	473462	485935	2.28	cps
Copper	63-2	698830	692651	672233	687905	2.02	cps
Dysprosium	156-2	83	57	57	66	23.49	cps
Dysprosium	156-1	108	42	75	75	44.44	cps
Erbium	164-1	167	217	175	186	14.40	cps
Erbium	164-2	67	107	97	90	23.13	cps
Gadolinium	160-1	358	258	317	311	16.15	cps
Gadolinium	160-2	677	613	620	637	5.47	cps
Holmium	165-1	33506664	33555739	33262021	33441475	0.47	cps
Holmium	165-2	15917053	15993794	15851551	15920799	0.45	cps
Indium	115-1	25667850	25703895	25330026	25567257	0.81	cps
Indium	115-2	4651431	4641117	4604544	4632364	0.53	cps
Iron	56-2	12908045	12932607	12456548	12765733	2.10	cps
Iron	57-2	320299	319697	307967	315988	2.20	cps
Iron	54-2	724357	713365	694870	710864	2.10	cps
Krypton	83-1	900	850	797	849	6.09	cps
Lead	206-1	886441	894296	894215	891651	0.51	cps
Lead	207-1	785984	787123	788543	787217	0.16	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3584390	3597695	3602499	3594861	0.26	cps
Lithium	6-1	7426290	7471272	7403488	7433683	0.46	cps
Magnesium	24-2	2335860	2322649	2241517	2300008	2.22	cps
Manganese	55-2	359512	356655	345537	353901	2.09	cps
Molybdenum	94-1	2111822	2132822	2108301	2117649	0.63	cps
Molybdenum	95-1	2594379	2600502	2566904	2587262	0.69	cps
Molybdenum	96-1	2894238	2922472	2879115	2898608	0.76	cps
Molybdenum	97-1	1618021	1643442	1607254	1622906	1.14	cps
Molybdenum	98-1	4174729	4185355	4172804	4177630	0.16	cps
Neodymium	150-1	147	173	160	160	8.33	cps
Neodymium	150-2	23	17	7	16	53.90	cps
Nickel	60-2	132845	128373	126790	129336	2.43	cps
Phosphorus	31-2	12105	12147	11213	11822	4.46	cps
Potassium	39-2	1094939	1100033	1066176	1087049	1.68	cps
Rhodium	103-1	23299524	23683630	23257188	23413447	1.00	cps
Rhodium	103-2	10348050	10290357	10274915	10304441	0.37	cps
Scandium	45-1	15376918	15552961	15342503	15424127	0.73	cps
Scandium	45-2	641105	641685	633101	638630	0.75	cps
Selenium	82-1	22509	23101	22699	22769	1.33	cps
Selenium	77-2	1000	987	893	960	6.05	cps
Selenium	78-2	3215	3349	3165	3243	2.92	cps
Silicon	28-1	1057605	1067212	1052684	1059167	0.70	cps
Silver	107-1	1411459	1432204	1411463	1418375	0.84	cps
Silver	109-1	1375905	1384649	1372410	1377654	0.46	cps
Sodium	23-2	4324229	4369337	4257601	4317056	1.30	cps
Strontium	86-1	340839	344725	342366	342643	0.57	cps
Strontium	88-1	2971960	2978514	2957569	2969348	0.36	cps
Sulfur	34-1	683463	677019	660130	673537	1.79	cps
Terbium	159-1	34239574	34047254	34099585	34128804	0.29	cps
Terbium	159-2	15732880	15742362	15523592	15666278	0.79	cps
Thallium	203-1	1091054	1100790	1092085	1094643	0.49	cps
Thallium	205-1	2603131	2616286	2601251	2606890	0.31	cps
Thorium	232-1	3868410	3857963	3853477	3859950	0.20	cps
Tin	118-1	890760	910135	885716	895537	1.44	cps
Titanium	47-1	715672	725988	720015	720558	0.72	cps
Uranium	238-1	3814620	3839431	3855700	3836583	0.54	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:38:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	227884	227653	219186	224908	2.20	cps
Yttrium	89-1	33910121	33988802	33746250	33881724	0.37	cps
Yttrium	89-2	4428495	4433545	4404500	4422180	0.35	cps
Zinc	66-2	105028	103568	101946	103514	1.49	cps
Zirconium	91-1	392159	390748	387369	390092	0.63	cps
Zirconium	90-1	1750866	1770576	1731884	1751108	1.10	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:42:26 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	489132	494323	489792	491083	0.58	cps
Antimony	121-1	2399956	2358733	2383353	2380681	0.87	cps
Arsenic	75-2	73376	73378	72664	73139	0.56	cps
Barium	135-1	3242827	3211841	3207676	3220781	0.60	cps
Barium	137-1	5542498	5522327	5535225	5533350	0.18	cps
Beryllium	9-1	560149	552915	547897	553654	1.11	cps
Bismuth	209-1	21134363	21247193	21269805	21217120	0.34	cps
Bismuth	209-2	11859614	11840119	11735315	11811682	0.57	cps
Boron	11-1	451451	456558	454924	454311	0.57	cps
Boron	10-1	96499	97287	97055	96947	0.42	cps
Bromine	81-1	49627	50319	50632	50192	1.02	cps
Bromine	81-2	100	100	160	120	28.87	cps
Cadmium	106-1	98348	99766	97621	98578	1.11	cps
Cadmium	108-1	57337	56676	56739	56917	0.64	cps
Cadmium	111-1	743855	751534	752199	749196	0.62	cps
Calcium	43-1	766358	766631	766476	766488	0.02	cps
Calcium	44-1	12218026	12117202	12058644	12131291	0.66	cps
Chromium	52-2	720694	707590	707495	711927	1.07	cps
Cobalt	59-2	1194224	1195389	1184125	1191246	0.52	cps
Copper	63-2	1679714	1679836	1656907	1672152	0.79	cps
Dysprosium	156-2	87	97	87	90	6.41	cps
Dysprosium	156-1	192	208	117	172	28.35	cps
Erbium	164-1	117	83	183	128	39.85	cps
Erbium	164-2	67	83	83	78	12.37	cps
Gadolinium	160-1	308	317	283	303	5.73	cps
Gadolinium	160-2	707	627	587	640	9.55	cps
Holmium	165-1	33183528	32841341	32889644	32971505	0.56	cps
Holmium	165-2	15914986	15889175	15798733	15867631	0.38	cps
Indium	115-1	24708569	24630106	24753714	24697463	0.25	cps
Indium	115-2	4539660	4541110	4509332	4530034	0.40	cps
Iron	56-2	31719739	31578042	31242122	31513301	0.78	cps
Iron	57-2	788094	785871	774668	782878	0.92	cps
Iron	54-2	1769506	1764917	1750300	1761574	0.57	cps
Krypton	83-1	843	823	823	830	1.39	cps
Lead	206-1	2189244	2220495	2194594	2201444	0.76	cps
Lead	207-1	1937226	1966352	1942637	1948738	0.79	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:42:26 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	8855070	8965755	8893535	8904787	0.63	cps
Lithium	6-1	7227252	7167536	7203065	7199284	0.42	cps
Magnesium	24-2	5660781	5642675	5666037	5656498	0.22	cps
Manganese	55-2	881704	882191	868165	877354	0.91	cps
Molybdenum	94-1	5204621	5177397	5163370	5181796	0.40	cps
Molybdenum	95-1	6273260	6217868	6228366	6239832	0.47	cps
Molybdenum	96-1	7002285	6944333	6929814	6958811	0.55	cps
Molybdenum	97-1	3932063	3916434	3926412	3924969	0.20	cps
Molybdenum	98-1	10106088	10121181	9996346	10074538	0.68	cps
Neodymium	150-1	367	320	300	329	10.40	cps
Neodymium	150-2	37	37	40	38	5.09	cps
Nickel	60-2	317045	319182	312803	316343	1.03	cps
Phosphorus	31-2	28570	27701	27885	28052	1.63	cps
Potassium	39-2	2609969	2616563	2601205	2609246	0.30	cps
Rhodium	103-1	22376738	22517735	22024448	22306307	1.14	cps
Rhodium	103-2	10083659	10043671	9998468	10041933	0.42	cps
Scandium	45-1	14870233	14647763	14620284	14712760	0.93	cps
Scandium	45-2	625686	628560	617923	624056	0.88	cps
Selenium	82-1	56104	56360	54722	55729	1.58	cps
Selenium	77-2	2264	2347	2200	2270	3.24	cps
Selenium	78-2	8028	7634	7619	7760	2.99	cps
Silicon	28-1	2095502	2100439	2084658	2093533	0.39	cps
Silver	107-1	3458314	3430460	3448032	3445602	0.41	cps
Silver	109-1	3342450	3320674	3329824	3330982	0.33	cps
Sodium	23-2	10533938	10470206	10572841	10525662	0.49	cps
Strontium	86-1	844152	825494	827734	832460	1.22	cps
Strontium	88-1	7287866	7178485	7132903	7199751	1.11	cps
Sulfur	34-1	818101	811246	811484	813610	0.48	cps
Terbium	159-1	33561226	33507338	33654503	33574356	0.22	cps
Terbium	159-2	15685833	15641426	15405658	15577639	0.97	cps
Thallium	203-1	2707301	2703105	2706857	2705754	0.09	cps
Thallium	205-1	6366610	6371494	6355830	6364644	0.13	cps
Thorium	232-1	9728626	9678742	9821434	9742934	0.74	cps
Tin	118-1	2189053	2168457	2185207	2180906	0.50	cps
Titanium	47-1	1757005	1737395	1730291	1741564	0.79	cps
Uranium	238-1	9502796	9425500	9561025	9496440	0.72	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:42:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	563502	556292	556204	558666	0.75	cps
Yttrium	89-1	33067398	32695255	32969172	32910608	0.59	cps
Yttrium	89-2	4342836	4349944	4309685	4334155	0.50	cps
Zinc	66-2	253791	256388	252307	254162	0.81	cps
Zirconium	91-1	962024	957754	966717	962165	0.47	cps
Zirconium	90-1	4302614	4300839	4326697	4310050	0.34	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	972714	969158	970652	970842	0.18	cps
Antimony	121-1	4677217	4763099	4750948	4730421	0.98	cps
Arsenic	75-2	144735	144676	145791	145067	0.43	cps
Barium	135-1	6354370	6386287	6338809	6359822	0.38	cps
Barium	137-1	10908712	11012531	10901784	10941009	0.57	cps
Beryllium	9-1	1096722	1077962	1086759	1087148	0.86	cps
Bismuth	209-1	21332352	21075728	21099786	21169289	0.67	cps
Bismuth	209-2	11630972	11651000	11537087	11606353	0.52	cps
Boron	11-1	888335	910091	914323	904250	1.54	cps
Boron	10-1	184194	194099	196267	191520	3.36	cps
Bromine	81-1	49396	48280	47597	48424	1.87	cps
Bromine	81-2	90	200	130	140	39.77	cps
Cadmium	106-1	178057	182038	178690	179595	1.19	cps
Cadmium	108-1	110610	110489	110989	110696	0.24	cps
Cadmium	111-1	1450646	1458874	1463146	1457555	0.44	cps
Calcium	43-1	1525229	1535988	1518701	1526639	0.57	cps
Calcium	44-1	24408306	24220440	24260559	24296435	0.41	cps
Chromium	52-2	1394960	1408675	1411018	1404884	0.62	cps
Cobalt	59-2	2338535	2350218	2339179	2342644	0.28	cps
Copper	63-2	3266965	3291708	3263861	3274178	0.47	cps
Dysprosium	156-2	160	180	183	174	7.24	cps
Dysprosium	156-1	158	208	200	189	14.18	cps
Erbium	164-1	217	242	133	197	28.76	cps
Erbium	164-2	110	97	90	99	10.30	cps
Gadolinium	160-1	375	292	317	328	13.05	cps
Gadolinium	160-2	717	663	677	686	4.05	cps
Holmium	165-1	33368240	33166339	33189266	33241282	0.33	cps
Holmium	165-2	15754671	15913322	15734819	15800937	0.62	cps
Indium	115-1	24864120	24426109	24768699	24686310	0.93	cps
Indium	115-2	4431484	4493095	4456464	4460348	0.69	cps
Iron	56-2	62090244	62211325	62031076	62110882	0.15	cps
Iron	57-2	1537420	1548038	1543811	1543090	0.35	cps
Iron	54-2	3424019	3485556	3452971	3454182	0.89	cps
Krypton	83-1	823	863	820	836	2.89	cps
Lead	206-1	4353407	4439820	4418854	4404027	1.02	cps
Lead	207-1	3860643	3910216	3912074	3894311	0.75	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	17666846	17785810	17731393	17728016	0.34	cps
Lithium	6-1	7191131	7106606	7136193	7144643	0.60	cps
Magnesium	24-2	11132826	11173048	11090804	11132226	0.37	cps
Manganese	55-2	1716404	1716985	1723422	1718937	0.23	cps
Molybdenum	94-1	10287953	10274046	10282177	10281392	0.07	cps
Molybdenum	95-1	12531256	12569383	12487298	12529312	0.33	cps
Molybdenum	96-1	13937488	14010991	13901754	13950078	0.40	cps
Molybdenum	97-1	7853689	7810836	7775667	7813397	0.50	cps
Molybdenum	98-1	20375125	20201316	20244049	20273497	0.45	cps
Neodymium	150-1	693	607	840	713	16.53	cps
Neodymium	150-2	63	83	100	82	22.33	cps
Nickel	60-2	616509	621442	617044	618332	0.44	cps
Phosphorus	31-2	56650	55973	56315	56313	0.60	cps
Potassium	39-2	5111955	5125229	5095697	5110960	0.29	cps
Rhodium	103-1	22391284	21910158	22071223	22124222	1.11	cps
Rhodium	103-2	9801497	9923479	9824948	9849975	0.66	cps
Scandium	45-1	14796614	14559576	14631470	14662554	0.83	cps
Scandium	45-2	619586	624097	622943	622209	0.38	cps
Selenium	82-1	109811	109542	110047	109800	0.23	cps
Selenium	77-2	4357	4654	4507	4506	3.29	cps
Selenium	78-2	15534	15362	15395	15431	0.59	cps
Silicon	28-1	3880554	3947530	4005438	3944507	1.58	cps
Silver	107-1	6749674	6715934	6752163	6739257	0.30	cps
Silver	109-1	6416318	6366371	6409317	6397336	0.42	cps
Sodium	23-2	20723857	20825296	20736231	20761795	0.27	cps
Strontium	86-1	1652111	1641671	1635970	1643251	0.50	cps
Strontium	88-1	14359035	14393189	14318958	14357061	0.26	cps
Sulfur	34-1	1081667	1081875	1068570	1077371	0.71	cps
Terbium	159-1	33967187	33615158	33897150	33826498	0.55	cps
Terbium	159-2	15600239	15553081	15533123	15562147	0.22	cps
Thallium	203-1	5362199	5444908	5428502	5411870	0.81	cps
Thallium	205-1	12758669	12850703	12779355	12796242	0.38	cps
Thorium	232-1	19858663	19824620	19812430	19831904	0.12	cps
Tin	118-1	4337723	4330056	4386063	4351281	0.70	cps
Titanium	47-1	3452370	3435267	3456200	3447946	0.32	cps
Uranium	238-1	19311359	19409355	19487742	19402819	0.46	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:46:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1108340	1110521	1108362	1109074	0.11	cps
Yttrium	89-1	32767460	32427190	32492520	32562390	0.55	cps
Yttrium	89-2	4255313	4335114	4312040	4300822	0.95	cps
Zinc	66-2	495332	499942	497626	497633	0.46	cps
Zirconium	91-1	1897028	1911476	1945725	1918077	1.30	cps
Zirconium	90-1	8498960	8578945	8542919	8540275	0.47	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:50:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1969452	1988386	2013942	1990593	1.12	cps
Antimony	121-1	9423213	9421547	9515115	9453292	0.57	cps
Arsenic	75-2	292977	293717	298184	294959	0.96	cps
Barium	135-1	12805282	12780730	12853320	12813111	0.29	cps
Barium	137-1	22181831	22021499	22112566	22105299	0.36	cps
Beryllium	9-1	2147637	2154301	2187547	2163162	0.99	cps
Bismuth	209-1	21041024	20972553	20976200	20996592	0.18	cps
Bismuth	209-2	11382264	11346890	11570244	11433133	1.05	cps
Boron	11-1	1772582	1781599	1830001	1794727	1.72	cps
Boron	10-1	377839	382486	389154	383160	1.48	cps
Bromine	81-1	48160	49194	45870	47741	3.56	cps
Bromine	81-2	90	50	80	73	28.39	cps
Cadmium	106-1	336967	341493	341199	339886	0.75	cps
Cadmium	108-1	219358	221726	221941	221008	0.65	cps
Cadmium	111-1	2854452	2855841	2874465	2861586	0.39	cps
Calcium	43-1	3051541	3039504	3077219	3056088	0.63	cps
Calcium	44-1	48631953	48470875	48924833	48675887	0.47	cps
Chromium	52-2	2841535	2829980	2888366	2853293	1.08	cps
Cobalt	59-2	4713473	4679838	4794972	4729428	1.25	cps
Copper	63-2	6452187	6427838	6523115	6467713	0.77	cps
Dysprosium	156-2	367	327	243	312	20.15	cps
Dysprosium	156-1	475	433	433	447	5.38	cps
Erbium	164-1	275	208	225	236	14.69	cps
Erbium	164-2	103	103	73	93	18.56	cps
Gadolinium	160-1	417	433	450	433	3.85	cps
Gadolinium	160-2	663	677	740	693	5.91	cps
Holmium	165-1	33659604	33685463	33435485	33593517	0.41	cps
Holmium	165-2	15844892	15935932	16273085	16017970	1.41	cps
Indium	115-1	24705933	24719327	24791252	24738838	0.19	cps
Indium	115-2	4468631	4449852	4549693	4489392	1.18	cps
Iron	56-2	125901356	124916269	127180122	125999249	0.90	cps
Iron	57-2	3109799	3091801	3165328	3122309	1.23	cps
Iron	54-2	6808519	6742999	6857460	6802993	0.84	cps
Krypton	83-1	857	743	890	830	9.26	cps
Lead	206-1	8810392	8761817	8677530	8749913	0.77	cps
Lead	207-1	7716234	7738054	7722719	7725669	0.15	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:50:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	35134572	35117104	35154166	35135281	0.05	cps
Lithium	6-1	7209381	7192740	7227913	7210011	0.24	cps
Magnesium	24-2	22763674	22784449	23214769	22920964	1.11	cps
Manganese	55-2	3476898	3477748	3535050	3496565	0.95	cps
Molybdenum	94-1	20728899	20643914	20875181	20749331	0.56	cps
Molybdenum	95-1	25170337	25247384	25304563	25240761	0.27	cps
Molybdenum	96-1	28202929	28425396	28385665	28337997	0.42	cps
Molybdenum	97-1	15895599	15844976	15871160	15870578	0.16	cps
Molybdenum	98-1	41205513	40803420	40990656	40999863	0.49	cps
Neodymium	150-1	1333	1407	1480	1407	5.21	cps
Neodymium	150-2	143	137	177	152	14.08	cps
Nickel	60-2	1240102	1234601	1252709	1242471	0.75	cps
Phosphorus	31-2	112355	115806	113446	113869	1.55	cps
Potassium	39-2	10381712	10361882	10523142	10422245	0.84	cps
Rhodium	103-1	22114341	21904586	22140847	22053258	0.59	cps
Rhodium	103-2	9767684	9766706	9936469	9823620	0.99	cps
Scandium	45-1	14818251	14738930	14822760	14793314	0.32	cps
Scandium	45-2	636709	635234	645000	638981	0.82	cps
Selenium	82-1	216658	216673	217240	216857	0.15	cps
Selenium	77-2	9056	9003	8960	9006	0.54	cps
Selenium	78-2	30836	30553	31441	30943	1.47	cps
Silicon	28-1	7524015	7600897	7640651	7588521	0.78	cps
Silver	107-1	13276825	13292745	13340864	13303478	0.25	cps
Silver	109-1	12602256	12669946	12670742	12647648	0.31	cps
Sodium	23-2	42869518	42803823	43599508	43090950	1.02	cps
Strontium	86-1	3310235	3335146	3338817	3328066	0.47	cps
Strontium	88-1	29071639	29049402	29068144	29063062	0.04	cps
Sulfur	34-1	1666825	1673134	1667690	1669216	0.20	cps
Terbium	159-1	34647468	34224476	34038458	34303467	0.91	cps
Terbium	159-2	15594061	15609384	15923556	15709000	1.18	cps
Thallium	203-1	10775495	10705422	10655567	10712161	0.56	cps
Thallium	205-1	25778979	25692846	25387305	25619710	0.80	cps
Thorium	232-1	39846083	40211470	39905459	39987671	0.49	cps
Tin	118-1	8728655	8673593	8711466	8704571	0.32	cps
Titanium	47-1	6974982	6930474	6942329	6949262	0.33	cps
Uranium	238-1	38784937	39447685	38860383	39031002	0.93	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:50:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2264633	2259626	2295869	2273376	0.86	cps
Yttrium	89-1	33172073	33180493	33450712	33267759	0.48	cps
Yttrium	89-2	4358887	4357842	4429466	4382065	0.94	cps
Zinc	66-2	984659	978585	993151	985465	0.74	cps
Zirconium	91-1	3840606	3837191	3861990	3846595	0.35	cps
Zirconium	90-1	17291955	17224056	17398697	17304902	0.51	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:54:02 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4063681	4079744	4095065	4079497	0.38	cps
Antimony	121-1	18933385	18999640	19138079	19023701	0.55	cps
Arsenic	75-2	584158	591099	589803	588353	0.63	cps
Barium	135-1	25714832	25803459	25926752	25815014	0.41	cps
Barium	137-1	44290845	44303955	44349315	44314705	0.07	cps
Beryllium	9-1	4307543	4303238	4296092	4302291	0.13	cps
Bismuth	209-1	20731233	20596926	20818875	20715678	0.54	cps
Bismuth	209-2	11121545	11021807	11167827	11103726	0.67	cps
Boron	11-1	3587937	3649285	3648018	3628413	0.97	cps
Boron	10-1	773023	772517	772902	772814	0.03	cps
Bromine	81-1	48390	49746	49817	49318	1.63	cps
Bromine	81-2	70	60	20	50	52.92	cps
Cadmium	106-1	719443	710304	707161	712303	0.90	cps
Cadmium	108-1	475722	477495	476645	476621	0.19	cps
Cadmium	111-1	6325425	6358638	6328987	6337683	0.29	cps
Calcium	43-1	6213261	6222499	6257815	6231192	0.38	cps
Calcium	44-1	98788442	100212113	100477150	99825902	0.91	cps
Chromium	52-2	5751718	5770498	5733978	5752065	0.32	cps
Cobalt	59-2	9264587	9305883	9378107	9316192	0.62	cps
Copper	63-2	14316708	14504397	14491039	14437381	0.73	cps
Dysprosium	156-2	647	587	633	622	5.06	cps
Dysprosium	156-1	808	858	783	817	4.68	cps
Erbium	164-1	200	283	133	206	36.56	cps
Erbium	164-2	100	103	153	119	25.13	cps
Gadolinium	160-1	458	508	700	556	22.96	cps
Gadolinium	160-2	670	810	833	771	11.46	cps
Holmium	165-1	34342187	34468629	34142321	34317712	0.48	cps
Holmium	165-2	16090644	15962764	15897933	15983780	0.61	cps
Indium	115-1	24706736	24721703	25008399	24812279	0.69	cps
Indium	115-2	4422253	4450544	4512705	4461834	1.04	cps
Iron	56-2	252555428	255605439	257046539	255069135	0.90	cps
Iron	57-2	6237287	6319186	6288966	6281813	0.66	cps
Iron	54-2	13678280	13930841	13815546	13808222	0.92	cps
Krypton	83-1	860	807	953	873	8.50	cps
Lead	206-1	17324364	17377563	17314714	17338880	0.20	cps
Lead	207-1	15321816	15386173	15258902	15322297	0.42	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 15:54:02 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	69418056	69928039	69514316	69620137	0.39	cps
Lithium	6-1	7302438	7341422	7324936	7322932	0.27	cps
Magnesium	24-2	46479691	46877389	46924800	46760626	0.52	cps
Manganese	55-2	6967702	7078624	7039148	7028492	0.80	cps
Molybdenum	94-1	41718561	42329494	42591563	42213206	1.06	cps
Molybdenum	95-1	50783077	51052461	51789617	51208385	1.02	cps
Molybdenum	96-1	56741620	57545691	57936268	57407860	1.06	cps
Molybdenum	97-1	31965683	32460679	32399183	32275182	0.84	cps
Molybdenum	98-1	82925177	83493875	82956350	83125134	0.38	cps
Neodymium	150-1	2694	2660	2287	2547	8.87	cps
Neodymium	150-2	247	213	263	241	10.56	cps
Nickel	60-2	2413970	2444147	2466961	2441692	1.09	cps
Phosphorus	31-2	230284	233204	234178	232555	0.87	cps
Potassium	39-2	21372735	21432084	21583046	21462622	0.51	cps
Rhodium	103-1	22010091	21949560	21881082	21946911	0.29	cps
Rhodium	103-2	9673529	9676838	9735137	9695168	0.36	cps
Scandium	45-1	15247160	15218485	15459739	15308461	0.86	cps
Scandium	45-2	655824	661349	664865	660680	0.69	cps
Selenium	82-1	431271	432779	434226	432759	0.34	cps
Selenium	77-2	18031	18355	18258	18215	0.91	cps
Selenium	78-2	61003	62017	61827	61616	0.87	cps
Silicon	28-1	14098665	14289659	14353707	14247344	0.93	cps
Silver	107-1	27339674	27005602	27022599	27122625	0.69	cps
Silver	109-1	26102995	25883014	26091954	26025988	0.48	cps
Sodium	23-2	88022464	88912944	89045710	88660373	0.63	cps
Strontium	86-1	6651562	6659116	6707432	6672703	0.45	cps
Strontium	88-1	58726120	58465268	59319701	58837030	0.74	cps
Sulfur	34-1	2931567	2954559	2969939	2952022	0.65	cps
Terbium	159-1	34759144	34980610	34940736	34893497	0.34	cps
Terbium	159-2	15787561	15656773	15713621	15719318	0.42	cps
Thallium	203-1	21072398	21442548	21072755	21195900	1.01	cps
Thallium	205-1	50781209	50977733	50736326	50831756	0.25	cps
Thorium	232-1	81420699	81007332	80912377	81113469	0.33	cps
Tin	118-1	17460830	17456159	17728773	17548587	0.89	cps
Titanium	47-1	14088271	14279971	14354679	14240974	0.96	cps
Uranium	238-1	78915425	78138471	78010785	78354893	0.62	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:54:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4621120	4658990	4700648	4660253	0.85	cps
Yttrium	89-1	34226261	33996860	34138694	34120605	0.34	cps
Yttrium	89-2	4393276	4456483	4485831	4445197	1.06	cps
Zinc	66-2	1989208	2021149	2019685	2010014	0.90	cps
Zirconium	91-1	7806107	7846036	7864134	7838759	0.38	cps
Zirconium	90-1	35110406	35299786	35291984	35234059	0.30	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20746452	20952881	21304825	21001386	1.34	cps
Antimony	121-1	23804	26217	28530	26184	9.02	cps
Arsenic	75-2	328	331	341	333	2.00	cps
Barium	135-1	44890	43134	43853	43959	2.01	cps
Barium	137-1	75463	75162	74684	75103	0.52	cps
Beryllium	9-1	633	628	522	594	10.53	cps
Bismuth	209-1	16281466	16244886	16200017	16242123	0.25	cps
Bismuth	209-2	9059814	9103546	9141755	9101705	0.45	cps
Boron	11-1	95501	88048	79887	87812	8.89	cps
Boron	10-1	20039	18971	17069	18693	8.05	cps
Bromine	81-1	51675	51756	52137	51856	0.48	cps
Bromine	81-2	20	120	120	87	66.62	cps
Cadmium	106-1	15876	15868	16410	16051	1.94	cps
Cadmium	108-1	146	163	142	150	7.35	cps
Cadmium	111-1	12136	12102	12509	12249	1.84	cps
Calcium	43-1	28688773	28723570	28976719	28796354	0.55	cps
Calcium	44-1	459031727	459265810	465219744	461172427	0.76	cps
Chromium	52-2	100885	99819	101292	100665	0.76	cps
Cobalt	59-2	17744	17841	17634	17740	0.58	cps
Copper	63-2	29547	30692	30656	30298	2.15	cps
Dysprosium	156-2	690	650	697	679	3.72	cps
Dysprosium	156-1	1333	1308	1333	1325	1.09	cps
Erbium	164-1	442	308	350	367	18.60	cps
Erbium	164-2	160	180	170	170	5.88	cps
Gadolinium	160-1	1650	1508	1475	1545	6.02	cps
Gadolinium	160-2	1287	1287	1347	1307	2.65	cps
Holmium	165-1	30092658	29442073	29930734	29821821	1.14	cps
Holmium	165-2	14503725	14550713	14815879	14623439	1.15	cps
Indium	115-1	22982226	22873616	23011088	22955643	0.32	cps
Indium	115-2	4390341	4439572	4476199	4435371	0.97	cps
Iron	56-2	1188771893	1197311538	1204896694	1196993375	0.67	cps
Iron	57-2	29514217	29375977	29875116	29588437	0.87	cps
Iron	54-2	63808962	64273301	64528759	64203674	0.57	cps
Krypton	83-1	1003	917	853	924	8.15	cps
Lead	206-1	67483	68169	67293	67648	0.68	cps
Lead	207-1	61185	61163	61090	61146	0.08	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	273706	275347	272821	273958	0.47	cps
Lithium	6-1	6771266	6884975	6960198	6872146	1.38	cps
Magnesium	24-2	227503905	229160530	230432488	229032308	0.64	cps
Manganese	55-2	33091	32934	33261	33095	0.49	cps
Molybdenum	94-1	25215	25457	26050	25574	1.68	cps
Molybdenum	95-1	37993	39598	39389	38993	2.24	cps
Molybdenum	96-1	59901	61458	61985	61115	1.77	cps
Molybdenum	97-1	21751	22335	22753	22279	2.26	cps
Molybdenum	98-1	52765	55015	56128	54636	3.14	cps
Neodymium	150-1	213	327	220	253	25.10	cps
Neodymium	150-2	70	103	63	79	27.17	cps
Nickel	60-2	28648	28662	28371	28560	0.57	cps
Phosphorus	31-2	517	508	600	542	9.36	cps
Potassium	39-2	107989282	108303548	109685807	108659545	0.83	cps
Rhodium	103-1	18485836	18633274	18695276	18604795	0.58	cps
Rhodium	103-2	8368330	8431885	8489476	8429897	0.72	cps
Scandium	45-1	14514444	14402836	14602123	14506467	0.69	cps
Scandium	45-2	654340	660889	664776	660002	0.80	cps
Selenium	82-1	307	278	441	342	25.34	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	117	128	109	118	7.91	cps
Silicon	28-1	1206195	1229042	1228407	1221215	1.07	cps
Silver	107-1	6402	6593	6502	6499	1.48	cps
Silver	109-1	5876	6152	6335	6121	3.77	cps
Sodium	23-2	425996568	425325676	427674693	426332312	0.28	cps
Strontium	86-1	14550	14967	14249	14589	2.47	cps
Strontium	88-1	115100	113345	115814	114753	1.11	cps
Sulfur	34-1	496672	503983	511317	503991	1.45	cps
Terbium	159-1	30585936	30336660	30144569	30355722	0.73	cps
Terbium	159-2	14214621	14447852	14458748	14373740	0.96	cps
Thallium	203-1	6093	5726	5818	5879	3.25	cps
Thallium	205-1	13975	13124	13341	13480	3.28	cps
Thorium	232-1	16922	17696	18469	17696	4.37	cps
Tin	118-1	11197	11347	11914	11486	3.29	cps
Titanium	47-1	4493	4618	4859	4656	4.00	cps
Uranium	238-1	13641	13199	13699	13513	2.03	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 15:57:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1923	1980	1987	1963	1.77	cps
Yttrium	89-1	31789520	31648590	31754312	31730808	0.23	cps
Yttrium	89-2	4378754	4424661	4482801	4428738	1.18	cps
Zinc	66-2	22220	22604	22614	22480	1.00	cps
Zirconium	91-1	2484	2475	2775	2578	6.63	cps
Zirconium	90-1	12890	11880	12915	12562	4.70	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111808	110742	110892	111147	0.52	cps
Antimony	121-1	3794358	3811852	3777023	3794411	0.46	cps
Arsenic	75-2	129351	132110	129197	130220	1.26	cps
Barium	135-1	527452	525693	518911	524019	0.86	cps
Barium	137-1	897461	907219	896735	900472	0.65	cps
Beryllium	9-1	482312	485273	476784	481456	0.89	cps
Bismuth	209-1	22033769	21924199	21921093	21959687	0.29	cps
Bismuth	209-2	12459194	12682801	12523780	12555258	0.92	cps
Boron	11-1	34507	32636	30908	32684	5.51	cps
Boron	10-1	7477	6868	6702	7016	5.82	cps
Bromine	81-1	57443	55474	55583	56167	1.97	cps
Bromine	81-2	270	200	200	224	18.10	cps
Cadmium	106-1	70024	70911	68507	69814	1.74	cps
Cadmium	108-1	48274	49867	49432	49191	1.67	cps
Cadmium	111-1	619138	621536	615153	618609	0.52	cps
Calcium	43-1	130302	132523	129714	130847	1.13	cps
Calcium	44-1	2130044	2119037	2117955	2122346	0.32	cps
Chromium	52-2	627576	635303	629724	630868	0.63	cps
Cobalt	59-2	1059722	1068841	1055212	1061258	0.65	cps
Copper	63-2	747640	751047	746239	748309	0.33	cps
Dysprosium	156-2	57	33	40	43	27.74	cps
Dysprosium	156-1	33	58	58	50	28.88	cps
Erbium	164-1	150	183	142	158	13.92	cps
Erbium	164-2	73	83	93	83	12.01	cps
Gadolinium	160-1	225	267	267	253	9.52	cps
Gadolinium	160-2	673	727	657	686	5.33	cps
Holmium	165-1	34068507	34127553	33491110	33895723	1.04	cps
Holmium	165-2	16813107	17048862	16788788	16883586	0.85	cps
Indium	115-1	26722886	26665211	26588192	26658763	0.25	cps
Indium	115-2	5071024	5116066	5057537	5081542	0.60	cps
Iron	56-2	10870253	10934285	10757145	10853894	0.83	cps
Iron	57-2	264549	268683	267044	266759	0.78	cps
Iron	54-2	617347	616532	609514	614464	0.70	cps
Krypton	83-1	943	753	910	869	11.68	cps
Lead	206-1	3484948	3535717	3506524	3509063	0.73	cps
Lead	207-1	2948514	2965918	2988492	2967641	0.68	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	13761463	13938112	13874769	13858114	0.65	cps
Lithium	6-1	8245192	8196584	8132873	8191550	0.69	cps
Magnesium	24-2	609636	613111	600000	607582	1.12	cps
Manganese	55-2	380965	387743	381662	383456	0.97	cps
Molybdenum	94-1	13749049	13967996	13651162	13789403	1.18	cps
Molybdenum	95-1	24211001	24251568	24085785	24182785	0.36	cps
Molybdenum	96-1	25894503	25998125	25914903	25935844	0.21	cps
Molybdenum	97-1	15190919	15099070	14994101	15094697	0.65	cps
Molybdenum	98-1	39068359	39174251	38784460	39009023	0.52	cps
Neodymium	150-1	80	73	27	60	48.43	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	281491	282699	283455	282548	0.35	cps
Phosphorus	31-2	525	517	508	517	1.61	cps
Potassium	39-2	953039	960590	951536	955055	0.51	cps
Rhodium	103-1	24407569	24783158	24428597	24539775	0.86	cps
Rhodium	103-2	11221433	11336044	11160200	11239226	0.79	cps
Scandium	45-1	16792530	16753090	16540878	16695499	0.81	cps
Scandium	45-2	725220	727325	725164	725903	0.17	cps
Selenium	82-1	93549	95296	94044	94296	0.95	cps
Selenium	77-2	4101	4234	4087	4141	1.96	cps
Selenium	78-2	14016	14025	13792	13944	0.95	cps
Silicon	28-1	424631	451602	472660	449631	5.35	cps
Silver	107-1	1379139	1385187	1379434	1381253	0.25	cps
Silver	109-1	1356243	1352873	1336856	1348657	0.77	cps
Sodium	23-2	1923914	1946447	1907768	1926043	1.01	cps
Strontium	86-1	3109	2984	3267	3120	4.55	cps
Strontium	88-1	16527	16009	15284	15940	3.92	cps
Sulfur	34-1	566913	560906	555532	561117	1.01	cps
Terbium	159-1	34611964	34844058	34456474	34637498	0.56	cps
Terbium	159-2	16609421	16610330	16575110	16598287	0.12	cps
Thallium	203-1	4226991	4293618	4296920	4272510	0.92	cps
Thallium	205-1	10212323	10156348	10202986	10190552	0.29	cps
Thorium	232-1	15198	16027	18080	16435	9.03	cps
Tin	118-1	6927	6610	7110	6883	3.68	cps
Titanium	47-1	7172638	7129522	7042773	7114978	0.93	cps
Uranium	238-1	3492	2609	2500	2867	18.98	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:05:46	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	489708	490768	484177	488218	0.72	cps
Yttrium	89-1	35669383	35969475	35749915	35796258	0.43	cps
Yttrium	89-2	4858055	4920999	4861949	4880335	0.72	cps
Zinc	66-2	211777	217607	213568	214317	1.39	cps
Zirconium	91-1	4209	3976	5109	4431	13.51	cps
Zirconium	90-1	15025	17094	20365	17495	15.39	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:09:28 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	150	192	169	12.38	cps
Antimony	121-1	7069	7327	8603	7666	10.71	cps
Arsenic	75-2	28	24	31	28	13.34	cps
Barium	135-1	917	175	150	414	105.25	cps
Barium	137-1	1809	267	450	842	100.06	cps
Beryllium	9-1	383	178	244	269	39.06	cps
Bismuth	209-1	21962099	21851742	21595490	21803110	0.86	cps
Bismuth	209-2	12558428	12171234	12315006	12348222	1.59	cps
Boron	11-1	23244	21049	20899	21730	6.04	cps
Boron	10-1	4392	4601	4234	4409	4.17	cps
Bromine	81-1	56016	56719	54719	55818	1.82	cps
Bromine	81-2	260	240	170	224	21.16	cps
Cadmium	106-1	16911	16777	16819	16836	0.41	cps
Cadmium	108-1	54	67	25	49	43.99	cps
Cadmium	111-1	12262	11964	11981	12069	1.39	cps
Calcium	43-1	1033	358	367	586	66.09	cps
Calcium	44-1	26408	15684	17803	19965	28.45	cps
Chromium	52-2	1937	1833	1947	1906	3.29	cps
Cobalt	59-2	210	207	190	202	5.30	cps
Copper	63-2	1257	1263	1347	1289	3.89	cps
Dysprosium	156-2	40	23	20	28	38.58	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Erbium	164-1	175	250	242	222	18.50	cps
Erbium	164-2	70	80	97	82	16.39	cps
Gadolinium	160-1	175	233	175	194	17.32	cps
Gadolinium	160-2	660	767	580	669	14.00	cps
Holmium	165-1	34071512	33622242	33527883	33740546	0.86	cps
Holmium	165-2	16719216	16228916	16471790	16473307	1.49	cps
Indium	115-1	27069262	26463481	26420220	26650988	1.36	cps
Indium	115-2	4943230	4889222	4943331	4925261	0.63	cps
Iron	56-2	13735	13362	13445	13514	1.45	cps
Iron	57-2	333	439	489	420	18.89	cps
Iron	54-2	1372	1281	1181	1278	7.45	cps
Krypton	83-1	970	810	903	894	8.99	cps
Lead	206-1	2378	1556	1795	1909	22.16	cps
Lead	207-1	2256	1695	1661	1871	17.86	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:09:28	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9374	6462	6451	7429	22.67	cps
Lithium	6-1	8180746	8077790	8062247	8106928	0.79	cps
Magnesium	24-2	1000	917	1008	975	5.20	cps
Manganese	55-2	107	110	93	103	8.53	cps
Molybdenum	94-1	4017	2542	3284	3281	22.48	cps
Molybdenum	95-1	5743	4534	4309	4862	15.86	cps
Molybdenum	96-1	6635	4368	5076	5360	21.65	cps
Molybdenum	97-1	3317	2742	2950	3003	9.70	cps
Molybdenum	98-1	8486	6443	7119	7349	14.16	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	133	57	70	87	47.26	cps
Phosphorus	31-2	367	492	525	461	18.10	cps
Potassium	39-2	31902	32127	31643	31891	0.76	cps
Rhodium	103-1	24803204	24436632	24481063	24573633	0.81	cps
Rhodium	103-2	11249103	10981683	11067683	11099490	1.23	cps
Scandium	45-1	16778009	16323653	16475457	16525707	1.40	cps
Scandium	45-2	723326	708495	718343	716721	1.05	cps
Selenium	82-1	-43	153	30	47	211.92	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	115	104	115	111	5.77	cps
Silicon	28-1	332480	331994	326851	330442	0.94	cps
Silver	107-1	733	558	417	569	27.86	cps
Silver	109-1	658	325	300	428	46.77	cps
Sodium	23-2	35969	35543	35685	35732	0.61	cps
Strontium	86-1	1633	1542	1567	1581	3.00	cps
Strontium	88-1	2159	350	592	1033	95.01	cps
Sulfur	34-1	563564	565636	577409	568870	1.31	cps
Terbium	159-1	34831845	34403108	34132125	34455693	1.02	cps
Terbium	159-2	16399939	16094186	16218749	16237625	0.95	cps
Thallium	203-1	2450	1784	1659	1964	21.67	cps
Thallium	205-1	5601	3617	4193	4470	22.84	cps
Thorium	232-1	5446	3951	4079	4492	18.45	cps
Tin	118-1	3125	2767	2942	2945	6.09	cps
Titanium	47-1	892	608	625	708	22.45	cps
Uranium	238-1	5426	2359	2517	3434	50.30	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:09:28	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	33	33	36	10.83	cps
Yttrium	89-1	36117106	35535324	35369189	35673873	1.10	cps
Yttrium	89-2	4794384	4722319	4786171	4767625	0.83	cps
Zinc	66-2	500	497	497	498	0.39	cps
Zirconium	91-1	475	275	442	397	26.97	cps
Zirconium	90-1	2717	1792	1792	2100	25.43	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:13:09 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21129823	21407798	21225575	21254399	0.66	cps
Antimony	121-1	25007	25633	28530	26390	7.12	cps
Arsenic	75-2	243	215	256	238	8.76	cps
Barium	135-1	7594	7903	8511	8003	5.83	cps
Barium	137-1	12465	13399	14208	13357	6.53	cps
Beryllium	9-1	1606	1495	1622	1574	4.41	cps
Bismuth	209-1	20510319	20654950	20664051	20609773	0.42	cps
Bismuth	209-2	11217463	11301084	11240323	11252957	0.38	cps
Boron	11-1	22092	21449	20773	21438	3.08	cps
Boron	10-1	4251	4859	4359	4490	7.23	cps
Bromine	81-1	60820	59192	60801	60271	1.55	cps
Bromine	81-2	360	571	460	464	22.67	cps
Cadmium	106-1	16318	16001	15693	16004	1.95	cps
Cadmium	108-1	6989	7352	6893	7078	3.42	cps
Cadmium	111-1	15583	14745	15037	15122	2.81	cps
Calcium	43-1	6541913	6649980	6748655	6646849	1.56	cps
Calcium	44-1	105568561	106547146	109317252	107144320	1.81	cps
Chromium	52-2	127132	128897	126924	127651	0.85	cps
Cobalt	59-2	12866	12606	12983	12818	1.51	cps
Copper	63-2	56054	57593	56763	56803	1.36	cps
Dysprosium	156-2	63	53	70	62	13.48	cps
Dysprosium	156-1	125	175	150	150	16.67	cps
Erbium	164-1	325	200	225	250	26.46	cps
Erbium	164-2	173	120	127	140	20.76	cps
Gadolinium	160-1	333	425	392	383	12.10	cps
Gadolinium	160-2	600	597	687	628	8.13	cps
Holmium	165-1	34882291	35030576	35615992	35176287	1.10	cps
Holmium	165-2	16685909	16854100	16485828	16675279	1.11	cps
Indium	115-1	26024816	26345509	26696101	26355475	1.27	cps
Indium	115-2	4687716	4689297	4706093	4694369	0.22	cps
Iron	56-2	549257990	550880723	549673201	549937305	0.15	cps
Iron	57-2	13440081	13617612	13492212	13516635	0.68	cps
Iron	54-2	29325842	29519838	28989124	29278268	0.92	cps
Krypton	83-1	947	947	1070	988	7.21	cps
Lead	206-1	83623	84092	84528	84081	0.54	cps
Lead	207-1	67108	67544	69090	67914	1.53	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:13:09 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	318021	319482	320847	319450	0.44	cps
Lithium	6-1	7762058	7777349	7675216	7738208	0.71	cps
Magnesium	24-2	52070742	52643678	52236957	52317126	0.56	cps
Manganese	55-2	30445	30158	30138	30247	0.57	cps
Molybdenum	94-1	11944451	11989511	12196079	12043347	1.11	cps
Molybdenum	95-1	20925706	21105153	21490755	21173871	1.36	cps
Molybdenum	96-1	22472053	22586978	23112140	22723724	1.50	cps
Molybdenum	97-1	13059096	13229284	13401012	13229797	1.29	cps
Molybdenum	98-1	34031975	34078849	34428302	34179708	0.63	cps
Neodymium	150-1	100	80	107	96	14.52	cps
Neodymium	150-2	47	57	43	49	14.20	cps
Nickel	60-2	14614	14074	14808	14498	2.62	cps
Phosphorus	31-2	1247685	1262565	1243180	1251144	0.81	cps
Potassium	39-2	48195654	48538712	47795736	48176701	0.77	cps
Rhodium	103-1	23218570	23143484	23617005	23326353	1.09	cps
Rhodium	103-2	10434291	10450037	10380397	10421575	0.35	cps
Scandium	45-1	16710505	16837574	17159908	16902663	1.37	cps
Scandium	45-2	747045	743859	744819	745241	0.22	cps
Selenium	82-1	110	148	-60	66	167.87	cps
Selenium	77-2	17	3	3	8	99.04	cps
Selenium	78-2	117	109	130	119	8.70	cps
Silicon	28-1	668247	672051	685843	675380	1.37	cps
Silver	107-1	1375	1350	1492	1406	5.38	cps
Silver	109-1	950	1183	1317	1150	16.14	cps
Sodium	23-2	100995525	102848025	101506709	101783420	0.94	cps
Strontium	86-1	238529	237535	242450	239505	1.09	cps
Strontium	88-1	2031897	2088650	2101769	2074106	1.79	cps
Sulfur	34-1	10588890	10693126	10795781	10692599	0.97	cps
Terbium	159-1	36044511	35997109	36594415	36212012	0.92	cps
Terbium	159-2	16350976	16461693	16317057	16376575	0.46	cps
Thallium	203-1	5351	6610	7244	6402	15.05	cps
Thallium	205-1	12281	15042	17996	15107	18.92	cps
Thorium	232-1	5051	6096	8219	6456	25.01	cps
Tin	118-1	6027	6527	7019	6524	7.60	cps
Titanium	47-1	6152179	6221027	6245351	6206185	0.78	cps
Uranium	238-1	3492	4576	6252	4773	29.13	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:13:09	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1103	953	1100	1052	8.14	cps
Yttrium	89-1	36205569	36883164	37026604	36705113	1.19	cps
Yttrium	89-2	4800463	4834032	4797348	4810614	0.42	cps
Zinc	66-2	11725	11558	11438	11574	1.24	cps
Zirconium	91-1	433	517	658	536	21.22	cps
Zirconium	90-1	2359	2934	3617	2970	21.22	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:16:53 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21207332	21321296	21220674	21249767	0.29	cps
Antimony	121-1	417465	424008	432862	424778	1.82	cps
Arsenic	75-2	12848	12806	12973	12876	0.67	cps
Barium	135-1	117586	118040	120131	118585	1.14	cps
Barium	137-1	199693	203235	205457	202795	1.43	cps
Beryllium	9-1	90071	92061	93162	91765	1.71	cps
Bismuth	209-1	20846623	21151895	21493930	21164149	1.53	cps
Bismuth	209-2	11317599	11326502	11346557	11330219	0.13	cps
Boron	11-1	192396	197305	195109	194936	1.26	cps
Boron	10-1	40899	42319	42193	41803	1.88	cps
Bromine	81-1	60660	63283	65585	63176	3.90	cps
Bromine	81-2	330	400	370	367	9.58	cps
Cadmium	106-1	34142	33933	34894	34323	1.47	cps
Cadmium	108-1	17052	17657	17519	17410	1.82	cps
Cadmium	111-1	132879	136621	136469	135323	1.57	cps
Calcium	43-1	6803497	6842747	6928115	6858120	0.93	cps
Calcium	44-1	108999932	108795819	110746657	109514136	0.98	cps
Chromium	52-2	258050	258063	256703	257606	0.30	cps
Cobalt	59-2	221110	222936	223215	222420	0.51	cps
Copper	63-2	198528	204498	200273	201100	1.53	cps
Dysprosium	156-2	87	100	83	90	9.80	cps
Dysprosium	156-1	242	117	117	158	45.58	cps
Erbium	164-1	267	208	300	258	17.96	cps
Erbium	164-2	147	180	133	153	15.67	cps
Gadolinium	160-1	342	317	358	339	6.19	cps
Gadolinium	160-2	587	600	657	614	6.05	cps
Holmium	165-1	36209839	36350385	36703261	36421162	0.70	cps
Holmium	165-2	16751297	16849487	16868036	16822940	0.37	cps
Indium	115-1	27013885	27265375	27828748	27369336	1.52	cps
Indium	115-2	4689821	4729923	4727307	4715684	0.48	cps
Iron	56-2	551628946	548978057	552313790	550973598	0.32	cps
Iron	57-2	13555637	13698508	13626169	13626771	0.52	cps
Iron	54-2	29565917	29367333	29512117	29481789	0.35	cps
Krypton	83-1	1007	840	897	914	9.27	cps
Lead	206-1	437422	438342	445288	440351	0.98	cps
Lead	207-1	366458	371275	373093	370275	0.93	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:16:53 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1696240	1711936	1735013	1714396	1.14	cps
Lithium	6-1	7460155	7378289	7393307	7410584	0.59	cps
Magnesium	24-2	53172054	52802121	52589543	52854573	0.56	cps
Manganese	55-2	107798	105914	107120	106944	0.89	cps
Molybdenum	94-1	13241565	13302555	13358978	13301033	0.44	cps
Molybdenum	95-1	22095191	22188457	22526269	22269972	1.02	cps
Molybdenum	96-1	23888883	23953335	24135753	23992657	0.53	cps
Molybdenum	97-1	13733693	13855793	14042336	13877274	1.12	cps
Molybdenum	98-1	35709141	35684389	36570045	35987858	1.40	cps
Neodymium	150-1	147	147	147	147	0.00	cps
Neodymium	150-2	47	53	37	46	18.41	cps
Nickel	60-2	68774	70174	68590	69179	1.25	cps
Phosphorus	31-2	1243487	1256807	1257452	1252582	0.63	cps
Potassium	39-2	48432097	48650003	48578498	48553533	0.23	cps
Rhodium	103-1	23807591	24035047	24335887	24059509	1.10	cps
Rhodium	103-2	10399875	10596314	10562917	10519702	1.00	cps
Scandium	45-1	17178504	17432238	17554201	17388314	1.10	cps
Scandium	45-2	759539	755428	762041	759003	0.44	cps
Selenium	82-1	9134	9166	9492	9264	2.14	cps
Selenium	77-2	347	417	377	380	9.24	cps
Selenium	78-2	1291	1346	1385	1341	3.54	cps
Silicon	28-1	1366285	1393250	1425792	1395109	2.14	cps
Silver	107-1	531995	541422	541562	538326	1.02	cps
Silver	109-1	509956	511444	522679	514693	1.35	cps
Sodium	23-2	102767779	103103119	103586969	103152622	0.40	cps
Strontium	86-1	565012	579858	580404	575091	1.52	cps
Strontium	88-1	4924919	5001455	5090595	5005656	1.66	cps
Sulfur	34-1	10629856	10891328	10945745	10822310	1.56	cps
Terbium	159-1	37196766	37407638	37610809	37405071	0.55	cps
Terbium	159-2	16414579	16383295	16508777	16435550	0.40	cps
Thallium	203-1	443339	449875	444438	445884	0.78	cps
Thallium	205-1	1049753	1054008	1059378	1054380	0.46	cps
Thorium	232-1	6118	5918	4106	5381	20.60	cps
Tin	118-1	874247	871372	884776	876798	0.80	cps
Titanium	47-1	6413265	6521554	6550717	6495179	1.12	cps
Uranium	238-1	3428513	3402676	3500153	3443781	1.47	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:16:53	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	103201	103738	103812	103584	0.32	cps
Yttrium	89-1	37313580	37319564	38104607	37579251	1.21	cps
Yttrium	89-2	4798149	4864250	4900082	4854161	1.07	cps
Zinc	66-2	31183	32279	31985	31816	1.78	cps
Zirconium	91-1	385318	383191	385888	384799	0.37	cps
Zirconium	90-1	1704608	1706083	1736054	1715581	1.03	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12104613	12132856	11845967	12027812	1.31	cps
Antimony	121-1	9783522	9814396	9793507	9797142	0.16	cps
Arsenic	75-2	310799	312336	304714	309283	1.30	cps
Barium	135-1	13654864	13525502	13414551	13531639	0.89	cps
Barium	137-1	23193202	23200643	22970273	23121373	0.57	cps
Beryllium	9-1	2170509	2204005	2239239	2204584	1.56	cps
Bismuth	209-1	19683914	19696436	19545436	19641928	0.43	cps
Bismuth	209-2	10746432	10587814	10460287	10598178	1.35	cps
Boron	11-1	1885742	1903129	1944916	1911262	1.59	cps
Boron	10-1	396596	399806	410958	402453	1.87	cps
Bromine	81-1	58308	60609	60689	59869	2.26	cps
Bromine	81-2	70	110	70	83	27.72	cps
Cadmium	106-1	405288	406646	406977	406304	0.22	cps
Cadmium	108-1	261753	263998	264912	263554	0.62	cps
Cadmium	111-1	3482812	3458757	3492965	3478178	0.51	cps
Calcium	43-1	16647099	16904207	16860084	16803796	0.82	cps
Calcium	44-1	268848006	268590473	270161781	269200087	0.31	cps
Chromium	52-2	3321460	3291936	3257079	3290158	0.98	cps
Cobalt	59-2	5164095	5123479	5063286	5116953	0.99	cps
Copper	63-2	8179147	8214656	8070161	8154655	0.92	cps
Dysprosium	156-2	680	707	620	669	6.64	cps
Dysprosium	156-1	1075	1150	1017	1081	6.19	cps
Erbium	164-1	308	275	258	281	9.07	cps
Erbium	164-2	123	147	130	133	9.01	cps
Gadolinium	160-1	1300	1217	1117	1211	7.58	cps
Gadolinium	160-2	1000	993	1000	998	0.39	cps
Holmium	165-1	35583222	35423802	35220631	35409218	0.51	cps
Holmium	165-2	16429156	16280601	16143363	16284373	0.88	cps
Indium	115-1	26944268	26760342	26713316	26805975	0.46	cps
Indium	115-2	4826471	4802272	4708266	4779003	1.31	cps
Iron	56-2	675999526	668379370	660004881	668127926	1.20	cps
Iron	57-2	16609088	16572489	16325577	16502385	0.93	cps
Iron	54-2	35949441	36037457	35284368	35757089	1.15	cps
Krypton	83-1	980	1083	1077	1047	5.52	cps
Lead	206-1	8430333	8396261	8452025	8426207	0.33	cps
Lead	207-1	7443831	7459360	7421420	7441537	0.26	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	33856062	33775313	33886538	33839304	0.17	cps
Lithium	6-1	7155046	7280769	7306697	7247504	1.12	cps
Magnesium	24-2	133209365	133117232	131829240	132718613	0.58	cps
Manganese	55-2	3916368	3926113	3849491	3897324	1.07	cps
Molybdenum	94-1	22946399	22940107	22900553	22929020	0.11	cps
Molybdenum	95-1	27749236	27744170	27911242	27801550	0.34	cps
Molybdenum	96-1	31095122	30965437	31060159	31040239	0.22	cps
Molybdenum	97-1	17432652	17369925	17390487	17397688	0.18	cps
Molybdenum	98-1	44836135	44568081	45033439	44812552	0.52	cps
Neodymium	150-1	1533	1620	1573	1576	2.75	cps
Neodymium	150-2	210	220	193	208	6.48	cps
Nickel	60-2	1332343	1322809	1310747	1321966	0.82	cps
Phosphorus	31-2	134696	133990	129391	132692	2.17	cps
Potassium	39-2	62299395	62315922	60981445	61865587	1.24	cps
Rhodium	103-1	22852596	22834593	22946164	22877784	0.26	cps
Rhodium	103-2	9982542	9933063	9831148	9915584	0.78	cps
Scandium	45-1	17098232	17143824	17153919	17131992	0.17	cps
Scandium	45-2	765376	757332	751897	758202	0.89	cps
Selenium	82-1	227528	231917	229443	229630	0.96	cps
Selenium	77-2	9750	10177	9587	9838	3.10	cps
Selenium	78-2	33643	33099	32685	33142	1.45	cps
Silicon	28-1	8052434	8156643	8245025	8151367	1.18	cps
Silver	107-1	14249270	14094460	14258271	14200667	0.65	cps
Silver	109-1	13655985	13451720	13526747	13544817	0.76	cps
Sodium	23-2	250565189	251518964	246077064	249387072	1.17	cps
Strontium	86-1	3644557	3637201	3641835	3641198	0.10	cps
Strontium	88-1	31906896	31909325	31861176	31892465	0.09	cps
Sulfur	34-1	1897394	1924470	1924457	1915440	0.82	cps
Terbium	159-1	36007255	35789881	35736675	35844604	0.40	cps
Terbium	159-2	16147738	15908744	15767142	15941208	1.21	cps
Thallium	203-1	10421086	10357481	10306324	10361630	0.55	cps
Thallium	205-1	24817093	24582050	24610273	24669805	0.52	cps
Thorium	232-1	39264856	39190131	39238415	39231134	0.10	cps
Tin	118-1	9237710	9152592	9208154	9199485	0.47	cps
Titanium	47-1	7934999	7938698	8056223	7976640	0.86	cps
Uranium	238-1	37803031	37958405	37798631	37853356	0.24	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:20:38	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2672875	2660722	2604513	2646037	1.38	cps
Yttrium	89-1	37187803	37125464	37285735	37199668	0.22	cps
Yttrium	89-2	4969358	4921863	4859569	4916930	1.12	cps
Zinc	66-2	1096015	1088996	1070564	1085192	1.21	cps
Zirconium	91-1	4274957	4284890	4276989	4278945	0.12	cps
Zirconium	90-1	19221219	19201644	19029760	19150874	0.55	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:27:28 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6318	6051	5901	6090	3.47	cps
Antimony	121-1	48861	51061	49798	49906	2.21	cps
Arsenic	75-2	778	782	794	785	1.12	cps
Barium	135-1	59704	59135	59286	59375	0.50	cps
Barium	137-1	100564	102435	103392	102130	1.41	cps
Beryllium	9-1	5296	5407	5762	5488	4.44	cps
Bismuth	209-1	23433670	23754579	23468982	23552410	0.75	cps
Bismuth	209-2	12860593	12710280	12874331	12815068	0.71	cps
Boron	11-1	133647	135791	135287	134908	0.83	cps
Boron	10-1	27426	29363	28945	28578	3.57	cps
Bromine	81-1	64108	65436	64591	64711	1.04	cps
Bromine	81-2	190	210	250	217	14.10	cps
Cadmium	106-1	18888	18680	18429	18666	1.23	cps
Cadmium	108-1	642	579	592	604	5.47	cps
Cadmium	111-1	19445	19622	19605	19557	0.50	cps
Calcium	43-1	37248	39529	38468	38415	2.97	cps
Calcium	44-1	630815	637446	629010	632424	0.70	cps
Chromium	52-2	16883	16379	16967	16743	1.90	cps
Cobalt	59-2	12599	12175	12335	12370	1.73	cps
Copper	63-2	19777	19089	18749	19205	2.73	cps
Dysprosium	156-2	50	20	33	34	43.64	cps
Dysprosium	156-1	33	67	67	56	34.65	cps
Erbium	164-1	183	200	142	175	17.17	cps
Erbium	164-2	113	103	107	108	4.72	cps
Gadolinium	160-1	225	300	267	264	14.24	cps
Gadolinium	160-2	713	643	617	658	7.59	cps
Holmium	165-1	36655510	36688437	36909797	36751248	0.38	cps
Holmium	165-2	17329429	17082556	17174480	17195488	0.73	cps
Indium	115-1	29543753	29640476	29476870	29553700	0.28	cps
Indium	115-2	5198112	5165285	5176379	5179925	0.32	cps
Iron	56-2	398385	394127	379229	390580	2.58	cps
Iron	57-2	10187	9970	9642	9933	2.76	cps
Iron	54-2	23082	23052	21949	22694	2.84	cps
Krypton	83-1	1023	913	863	933	8.77	cps
Lead	206-1	21028	21017	20283	20776	2.06	cps
Lead	207-1	17679	18552	18196	18142	2.42	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	82129	84200	83349	83226	1.25	cps
Lithium	6-1	8346171	8308951	8287581	8314234	0.36	cps
Magnesium	24-2	315467	307725	306721	309971	1.54	cps
Manganese	55-2	4721	4794	4674	4730	1.28	cps
Molybdenum	94-1	50523	52113	52857	51831	2.30	cps
Molybdenum	95-1	62269	64680	63634	63528	1.90	cps
Molybdenum	96-1	70458	72099	71288	71281	1.15	cps
Molybdenum	97-1	40283	41478	39815	40525	2.12	cps
Molybdenum	98-1	102081	102349	102610	102346	0.26	cps
Neodymium	150-1	13	47	7	22	96.44	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	3704	3627	3867	3733	3.28	cps
Phosphorus	31-2	1175	1150	1242	1189	3.99	cps
Potassium	39-2	313681	299089	307077	306616	2.38	cps
Rhodium	103-1	27217078	27315332	27117011	27216474	0.36	cps
Rhodium	103-2	11944859	11760516	11871214	11858863	0.78	cps
Scandium	45-1	18544895	18599586	18433831	18526104	0.46	cps
Scandium	45-2	787760	778679	789358	785266	0.73	cps
Selenium	82-1	2739	2797	3068	2868	6.13	cps
Selenium	77-2	90	133	147	123	24.02	cps
Selenium	78-2	535	441	496	491	9.67	cps
Silicon	28-1	485520	496397	498953	493623	1.45	cps
Silver	107-1	31085	31845	32321	31750	1.96	cps
Silver	109-1	30241	30475	30400	30372	0.39	cps
Sodium	23-2	623844	612855	613511	616737	1.00	cps
Strontium	86-1	9395	8753	9395	9181	4.04	cps
Strontium	88-1	67736	66781	67744	67420	0.82	cps
Sulfur	34-1	626611	636529	631414	631518	0.79	cps
Terbium	159-1	37882499	38096402	37862733	37947211	0.34	cps
Terbium	159-2	17273015	16795663	17017369	17028682	1.40	cps
Thallium	203-1	25241	25292	25442	25325	0.41	cps
Thallium	205-1	60681	60966	62489	61379	1.58	cps
Thorium	232-1	79585	80681	79591	79952	0.79	cps
Tin	118-1	104571	107115	104420	105369	1.44	cps
Titanium	47-1	18179	18579	17586	18115	2.76	cps
Uranium	238-1	76005	79048	77774	77609	1.97	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30081	29563	29690	29778	0.91	cps
Yttrium	89-1	39673767	39575542	39626083	39625131	0.12	cps
Yttrium	89-2	5136072	5044308	5102819	5094400	0.91	cps
Zinc	66-2	3160	3254	3084	3166	2.69	cps
Zirconium	91-1	9320	10354	9320	9665	6.18	cps
Zirconium	90-1	41745	42397	41854	41999	0.83	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P7
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:31:15 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	1108	483	617	71.42	cps
Antimony	121-1	2517	2759	3167	2814	11.68	cps
Arsenic	75-2	20	35	19	25	37.00	cps
Barium	135-1	200	475	358	344	40.07	cps
Barium	137-1	208	783	783	592	56.11	cps
Beryllium	9-1	133	200	244	193	29.04	cps
Bismuth	209-1	23155216	23014676	22963885	23044592	0.43	cps
Bismuth	209-2	12839512	12843905	12811193	12831537	0.14	cps
Boron	11-1	25764	24362	23745	24624	4.20	cps
Boron	10-1	5501	5268	4834	5201	6.51	cps
Bromine	81-1	64631	64098	65084	64604	0.76	cps
Bromine	81-2	200	340	260	267	26.34	cps
Cadmium	106-1	17703	18313	17503	17840	2.36	cps
Cadmium	108-1	38	88	58	61	41.10	cps
Cadmium	111-1	12524	13049	12474	12683	2.51	cps
Calcium	43-1	400	683	683	589	27.78	cps
Calcium	44-1	17303	22160	22769	20744	14.44	cps
Chromium	52-2	2304	2520	2004	2276	11.40	cps
Cobalt	59-2	207	727	327	420	64.83	cps
Copper	63-2	1813	2340	1860	2005	14.55	cps
Dysprosium	156-2	13	37	33	28	45.44	cps
Dysprosium	156-1	42	75	92	69	36.66	cps
Erbium	164-1	183	175	142	167	13.23	cps
Erbium	164-2	83	137	87	102	29.22	cps
Gadolinium	160-1	283	325	242	283	14.71	cps
Gadolinium	160-2	627	657	617	633	3.29	cps
Holmium	165-1	36912282	36250105	35847651	36336679	1.48	cps
Holmium	165-2	17165936	17063887	17068163	17099329	0.34	cps
Indium	115-1	29198383	28864200	28931850	28998144	0.61	cps
Indium	115-2	5141043	5186625	5188470	5172046	0.52	cps
Iron	56-2	17485	55317	28766	33856	57.37	cps
Iron	57-2	511	1400	717	876	53.13	cps
Iron	54-2	1251	3975	2032	2419	57.96	cps
Krypton	83-1	1003	930	963	966	3.80	cps
Lead	206-1	1878	2189	2167	2078	8.35	cps
Lead	207-1	1717	2000	1950	1889	8.01	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P7
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:31:15 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7245	8018	8223	7829	6.59	cps
Lithium	6-1	8232729	8128248	8098123	8153034	0.87	cps
Magnesium	24-2	1700	8077	2984	4254	79.29	cps
Manganese	55-2	100	357	223	227	56.63	cps
Molybdenum	94-1	1217	2192	2242	1884	30.69	cps
Molybdenum	95-1	817	1925	1867	1536	40.61	cps
Molybdenum	96-1	1317	2159	2417	1964	29.29	cps
Molybdenum	97-1	650	1258	1008	972	31.45	cps
Molybdenum	98-1	1734	3276	3226	2745	31.92	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	93	180	177	150	32.73	cps
Phosphorus	31-2	517	458	442	472	8.34	cps
Potassium	39-2	37331	41442	38777	39183	5.32	cps
Rhodium	103-1	27166368	26443565	26553816	26721250	1.46	cps
Rhodium	103-2	11852194	11824018	11962896	11879703	0.62	cps
Scandium	45-1	18324798	18098151	18106168	18176372	0.71	cps
Scandium	45-2	786910	784437	791385	787578	0.45	cps
Selenium	82-1	37	50	70	53	31.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	113	139	128	127	10.28	cps
Silicon	28-1	332773	334770	329004	332182	0.88	cps
Silver	107-1	592	483	542	539	10.06	cps
Silver	109-1	242	375	358	325	22.35	cps
Sodium	23-2	39285	50084	41719	43696	12.96	cps
Strontium	86-1	1517	1734	1775	1675	8.28	cps
Strontium	88-1	433	1258	1175	956	47.53	cps
Sulfur	34-1	642786	642836	636451	640691	0.57	cps
Terbium	159-1	37353524	36810662	36820624	36994937	0.84	cps
Terbium	159-2	17003546	16965833	16904130	16957836	0.30	cps
Thallium	203-1	2334	2567	2517	2473	4.97	cps
Thallium	205-1	5026	5660	5476	5387	6.05	cps
Thorium	232-1	4173	5312	5235	4907	12.97	cps
Tin	118-1	2675	2800	2967	2814	5.20	cps
Titanium	47-1	308	525	542	458	28.40	cps
Uranium	238-1	2242	3409	3509	3053	23.07	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:31:15	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	250	87	126	87.83	cps
Yttrium	89-1	39376584	38938947	38714473	39010001	0.86	cps
Yttrium	89-2	5010620	5085211	5098774	5064868	0.94	cps
Zinc	66-2	543	577	580	567	3.58	cps
Zirconium	91-1	333	717	758	603	38.87	cps
Zirconium	90-1	2617	3050	3601	3089	15.96	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5985	5785	5443	5737	4.78	cps
Antimony	121-1	44062	43142	43786	43663	1.08	cps
Arsenic	75-2	776	822	765	788	3.87	cps
Barium	135-1	56549	58332	58005	57629	1.65	cps
Barium	137-1	99699	98015	101042	99585	1.52	cps
Beryllium	9-1	5284	5084	5357	5242	2.69	cps
Bismuth	209-1	23038081	22822193	22956419	22938898	0.48	cps
Bismuth	209-2	12854053	12947236	12721781	12841023	0.88	cps
Boron	11-1	123385	124217	123174	123592	0.45	cps
Boron	10-1	25356	25881	26282	25840	1.80	cps
Bromine	81-1	66249	65567	67094	66303	1.15	cps
Bromine	81-2	330	240	270	280	16.37	cps
Cadmium	106-1	18613	19114	18179	18635	2.51	cps
Cadmium	108-1	575	567	604	582	3.38	cps
Cadmium	111-1	19703	19626	18896	19408	2.30	cps
Calcium	43-1	37691	37056	36905	37217	1.12	cps
Calcium	44-1	625325	611444	616803	617857	1.13	cps
Chromium	52-2	16900	16660	16510	16690	1.18	cps
Cobalt	59-2	12395	12332	12305	12344	0.37	cps
Copper	63-2	19253	19370	19043	19222	0.86	cps
Dysprosium	156-2	20	37	33	30	29.40	cps
Dysprosium	156-1	33	100	50	61	56.78	cps
Erbium	164-1	233	158	142	178	27.47	cps
Erbium	164-2	107	110	100	106	4.82	cps
Gadolinium	160-1	250	258	258	256	1.88	cps
Gadolinium	160-2	663	663	510	612	14.46	cps
Holmium	165-1	36323288	36331329	36454338	36369652	0.20	cps
Holmium	165-2	17431759	17345806	16944646	17240737	1.51	cps
Indium	115-1	29122883	28827787	29078109	29009593	0.55	cps
Indium	115-2	5244960	5265122	5131304	5213796	1.38	cps
Iron	56-2	383920	365753	341673	363782	5.83	cps
Iron	57-2	9537	9259	8920	9238	3.35	cps
Iron	54-2	22361	21087	19242	20897	7.50	cps
Krypton	83-1	1010	1077	1007	1031	3.83	cps
Lead	206-1	19960	20055	20160	20058	0.50	cps
Lead	207-1	17924	17173	17629	17575	2.15	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	80681	79283	79627	79864	0.91	cps
Lithium	6-1	8215380	8221337	8121061	8185926	0.69	cps
Magnesium	24-2	307982	307177	301214	305458	1.21	cps
Manganese	55-2	4798	4978	4721	4832	2.73	cps
Molybdenum	94-1	50348	50073	50791	50404	0.72	cps
Molybdenum	95-1	61508	60780	60069	60786	1.18	cps
Molybdenum	96-1	69034	69637	69553	69408	0.47	cps
Molybdenum	97-1	38795	38746	38160	38567	0.92	cps
Molybdenum	98-1	98943	96921	98549	98137	1.09	cps
Neodymium	150-1	40	7	13	20	88.19	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	3824	3544	3510	3626	4.75	cps
Phosphorus	31-2	1425	1175	1033	1211	16.38	cps
Potassium	39-2	311575	311214	304726	309172	1.25	cps
Rhodium	103-1	26832377	26654083	26811433	26765964	0.36	cps
Rhodium	103-2	12000916	11972482	11833673	11935691	0.75	cps
Scandium	45-1	18366196	17990195	18044369	18133587	1.12	cps
Scandium	45-2	793986	797218	786095	792433	0.72	cps
Selenium	82-1	2853	2767	2672	2764	3.29	cps
Selenium	77-2	80	97	103	93	12.88	cps
Selenium	78-2	502	556	563	540	6.18	cps
Silicon	28-1	479031	479519	484778	481109	0.66	cps
Silver	107-1	29791	29239	29282	29437	1.04	cps
Silver	109-1	28137	28187	28513	28279	0.72	cps
Sodium	23-2	602680	598514	585530	595575	1.50	cps
Strontium	86-1	9604	9003	9053	9220	3.61	cps
Strontium	88-1	67376	68916	68071	68121	1.13	cps
Sulfur	34-1	660881	661012	667045	662979	0.53	cps
Terbium	159-1	37493291	37503223	37168169	37388228	0.51	cps
Terbium	159-2	17256230	17104810	16954596	17105212	0.88	cps
Thallium	203-1	24924	24390	24340	24551	1.32	cps
Thallium	205-1	58144	57986	58630	58253	0.58	cps
Thorium	232-1	73193	71423	70679	71765	1.80	cps
Tin	118-1	102387	104126	104991	103835	1.28	cps
Titanium	47-1	18053	17219	18220	17831	3.01	cps
Uranium	238-1	75746	77993	78219	77319	1.77	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:34:57	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30605	30659	28808	30024	3.51	cps
Yttrium	89-1	39302393	39229367	39181418	39237726	0.16	cps
Yttrium	89-2	5121004	5135182	5087283	5114490	0.48	cps
Zinc	66-2	3370	3304	3127	3267	3.85	cps
Zirconium	91-1	8728	8586	8586	8634	0.95	cps
Zirconium	90-1	38779	37734	38428	38314	1.39	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12453555	12592123	12506837	12517505	0.56	cps
Antimony	121-1	3301	3376	4167	3615	13.29	cps
Arsenic	75-2	6968	7367	7105	7147	2.83	cps
Barium	135-1	5019628	4975209	4959984	4984940	0.62	cps
Barium	137-1	8573304	8568630	8442093	8528009	0.87	cps
Beryllium	9-1	12372	11710	11983	12022	2.77	cps
Bismuth	209-1	22271231	21930090	22024714	22075345	0.80	cps
Bismuth	209-2	12230676	12336470	12187103	12251416	0.63	cps
Boron	11-1	52701	53638	52835	53058	0.95	cps
Boron	10-1	11113	10746	10729	10863	2.00	cps
Bromine	81-1	82539	84452	85248	84080	1.66	cps
Bromine	81-2	2483	2553	2613	2550	2.55	cps
Cadmium	106-1	25691	24222	23587	24500	4.40	cps
Cadmium	108-1	2363	2363	2204	2310	3.96	cps
Cadmium	111-1	23269	22445	21803	22506	3.26	cps
Calcium	43-1	239239	235421	231123	235261	1.73	cps
Calcium	44-1	3914187	3867466	3830462	3870705	1.08	cps
Chromium	52-2	1010012	1030361	1033284	1024552	1.24	cps
Cobalt	59-2	428500	438289	433395	433395	1.13	cps
Copper	63-2	497147	504957	502383	501496	0.79	cps
Dysprosium	156-2	211891	219280	217093	216088	1.76	cps
Dysprosium	156-1	443885	446599	444269	444918	0.33	cps
Erbium	164-1	372680	372869	368440	371330	0.67	cps
Erbium	164-2	170172	172815	173088	172025	0.94	cps
Gadolinium	160-1	393482	390332	392572	392129	0.41	cps
Gadolinium	160-2	202577	205197	206292	204689	0.93	cps
Holmium	165-1	36442142	36119571	36077988	36213234	0.55	cps
Holmium	165-2	17212176	17232796	17340929	17261967	0.40	cps
Indium	115-1	28189232	27903919	27986680	28026610	0.52	cps
Indium	115-2	5016290	5087577	5074462	5059443	0.75	cps
Iron	56-2	399479620	408553620	404330920	404121387	1.12	cps
Iron	57-2	9734766	10018358	9925883	9893002	1.46	cps
Iron	54-2	21603099	21764847	21572859	21646935	0.48	cps
Krypton	83-1	1667	1633	1603	1635	1.94	cps
Lead	206-1	990273	996668	987733	991558	0.46	cps
Lead	207-1	822839	826576	819504	822973	0.43	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3869337	3901080	3856879	3875765	0.59	cps
Lithium	6-1	7869813	7753274	7781588	7801558	0.78	cps
Magnesium	24-2	5910141	5981339	5984140	5958540	0.70	cps
Manganese	55-2	2338495	2382120	2351383	2357333	0.95	cps
Molybdenum	94-1	447675	447464	444804	446648	0.36	cps
Molybdenum	95-1	12664	12956	12973	12865	1.35	cps
Molybdenum	96-1	96870	97324	97189	97128	0.24	cps
Molybdenum	97-1	8119	8361	8078	8186	1.87	cps
Molybdenum	98-1	20741	19723	21425	20630	4.15	cps
Neodymium	150-1	601535	607503	594763	601267	1.06	cps
Neodymium	150-2	223742	226361	225437	225180	0.59	cps
Nickel	60-2	169666	172815	172268	171583	0.98	cps
Phosphorus	31-2	12222	11655	12848	12242	4.87	cps
Potassium	39-2	484607	489474	486072	486717	0.51	cps
Rhodium	103-1	25571765	25511385	25423116	25502089	0.29	cps
Rhodium	103-2	11350647	11518975	11515237	11461620	0.84	cps
Scandium	45-1	19151772	19061622	19086035	19099810	0.24	cps
Scandium	45-2	827412	843936	840402	837250	1.04	cps
Selenium	82-1	1367	1322	1288	1326	2.98	cps
Selenium	77-2	1153	1057	1137	1116	4.63	cps
Selenium	78-2	939	978	1089	1002	7.77	cps
Silicon	28-1	181350667	179882387	181656400	180963151	0.52	cps
Silver	107-1	7961	7852	7461	7758	3.39	cps
Silver	109-1	6527	6744	6435	6569	2.41	cps
Sodium	23-2	428491	417568	415059	420373	1.70	cps
Strontium	86-1	237264	235858	231573	234898	1.26	cps
Strontium	88-1	2037797	2044599	2033284	2038560	0.28	cps
Sulfur	34-1	605497	598678	595553	599909	0.85	cps
Terbium	159-1	36871751	37209201	37348930	37143294	0.66	cps
Terbium	159-2	16924152	17233282	17194401	17117278	0.98	cps
Thallium	203-1	12390	11822	12373	12195	2.65	cps
Thallium	205-1	28490	27095	27846	27811	2.51	cps
Thorium	232-1	1540835	1508841	1534334	1528003	1.11	cps
Tin	118-1	10454	10179	10588	10407	2.00	cps
Titanium	47-1	2674846	2620560	2661833	2652413	1.07	cps
Uranium	238-1	601031	599830	598764	599875	0.19	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL2X2	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL2	Dilution Factor :	2
Date & Time Acquired ::	2020-01-27 16:38:37	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1210634	1237958	1230906	1226499	1.16	cps
Yttrium	89-1	43254191	43227163	43292479	43257944	0.08	cps
Yttrium	89-2	5653280	5691624	5697932	5680945	0.43	cps
Zinc	66-2	305608	313868	314180	311219	1.56	cps
Zirconium	91-1	266980	266981	268621	267527	0.35	cps
Zirconium	90-1	1207050	1206029	1194870	1202650	0.56	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4931977	4897682	4872935	4900865	0.60	cps
Antimony	121-1	2042	2009	2050	2034	1.08	cps
Arsenic	75-2	2867	2871	2806	2848	1.28	cps
Barium	135-1	1890086	1930081	1957474	1925880	1.76	cps
Barium	137-1	3228668	3304712	3338398	3290593	1.71	cps
Beryllium	9-1	4745	4706	4556	4669	2.14	cps
Bismuth	209-1	22534256	22491852	22939840	22655316	1.09	cps
Bismuth	209-2	12668322	12655811	12697521	12673885	0.17	cps
Boron	11-1	30298	29621	30231	30050	1.24	cps
Boron	10-1	6327	6360	6126	6271	2.01	cps
Bromine	81-1	79096	82640	80959	80898	2.19	cps
Bromine	81-2	1622	1642	1452	1572	6.65	cps
Cadmium	106-1	19030	18705	19689	19141	2.62	cps
Cadmium	108-1	875	846	875	865	1.95	cps
Cadmium	111-1	15634	15210	16054	15632	2.70	cps
Calcium	43-1	89319	91391	91677	90795	1.42	cps
Calcium	44-1	1496139	1522286	1539692	1519372	1.44	cps
Chromium	52-2	395965	401292	397567	398275	0.69	cps
Cobalt	59-2	168883	168448	168977	168769	0.17	cps
Copper	63-2	200598	202585	199984	201055	0.68	cps
Dysprosium	156-2	85417	84756	85001	85058	0.39	cps
Dysprosium	156-1	171284	176205	174540	174010	1.44	cps
Erbium	164-1	140763	144585	143466	142938	1.37	cps
Erbium	164-2	66300	66330	66233	66288	0.08	cps
Gadolinium	160-1	151204	153882	155568	153552	1.43	cps
Gadolinium	160-2	79697	79140	80314	79717	0.74	cps
Holmium	165-1	36095073	36190401	36788042	36357839	1.03	cps
Holmium	165-2	17515443	17433573	17419169	17456062	0.30	cps
Indium	115-1	28388555	28299963	28777121	28488546	0.89	cps
Indium	115-2	5204407	5213653	5183028	5200362	0.30	cps
Iron	56-2	157739120	157496270	156299481	157178291	0.49	cps
Iron	57-2	3897955	3854414	3869537	3873969	0.57	cps
Iron	54-2	8348415	8411972	8320902	8360430	0.56	cps
Krypton	83-1	1207	1080	1247	1178	7.39	cps
Lead	206-1	377247	388431	388542	384740	1.69	cps
Lead	207-1	318123	319656	325127	320969	1.15	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1476172	1517859	1515936	1503322	1.57	cps
Lithium	6-1	7789077	7721522	7857941	7789513	0.88	cps
Magnesium	24-2	2331558	2340900	2333010	2335156	0.22	cps
Manganese	55-2	905681	908082	904651	906138	0.19	cps
Molybdenum	94-1	160543	163635	168813	164330	2.54	cps
Molybdenum	95-1	4959	5368	5451	5260	5.00	cps
Molybdenum	96-1	36857	36798	37684	37113	1.34	cps
Molybdenum	97-1	3100	3192	3784	3359	11.05	cps
Molybdenum	98-1	8194	8061	8536	8264	2.97	cps
Neodymium	150-1	233764	240560	243069	239131	2.01	cps
Neodymium	150-2	88706	89092	88747	88848	0.24	cps
Nickel	60-2	68027	68107	67974	68036	0.10	cps
Phosphorus	31-2	4968	5234	5193	5132	2.80	cps
Potassium	39-2	210562	213868	214656	213029	1.02	cps
Rhodium	103-1	26026609	25722056	26404959	26051208	1.31	cps
Rhodium	103-2	11869453	11789495	11707265	11788738	0.69	cps
Scandium	45-1	18269927	18098930	18454593	18274484	0.97	cps
Scandium	45-2	799937	806999	805951	804296	0.47	cps
Selenium	82-1	570	573	451	531	13.11	cps
Selenium	77-2	417	370	420	402	6.95	cps
Selenium	78-2	519	504	467	496	5.38	cps
Silicon	28-1	105772829	106491748	108625869	106963482	1.39	cps
Silver	107-1	2842	3184	3367	3131	8.51	cps
Silver	109-1	2475	2642	2434	2517	4.38	cps
Sodium	23-2	178551	182406	192428	184461	3.88	cps
Strontium	86-1	93036	94309	92616	93320	0.94	cps
Strontium	88-1	785753	804341	800123	796739	1.22	cps
Sulfur	34-1	509208	508099	513955	510421	0.61	cps
Terbium	159-1	37360114	36853608	37764504	37326075	1.22	cps
Terbium	159-2	17452239	17138690	17122352	17237760	1.08	cps
Thallium	203-1	5401	5443	5760	5535	3.54	cps
Thallium	205-1	12248	12765	12631	12548	2.14	cps
Thorium	232-1	579961	589748	596678	588796	1.43	cps
Tin	118-1	4409	4618	4609	4545	2.60	cps
Titanium	47-1	1165209	1192869	1185456	1181178	1.21	cps
Uranium	238-1	231519	233362	235237	233373	0.80	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DLX5	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL	Dilution Factor :	5
Date & Time Acquired ::	2020-01-27 16:42:22	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	471619	475621	470433	472558	0.58	cps
Yttrium	89-1	40481430	40244642	40995984	40574019	0.95	cps
Yttrium	89-2	5384720	5390815	5387404	5387646	0.06	cps
Zinc	66-2	126869	126727	124818	126138	0.91	cps
Zirconium	91-1	97607	97573	100678	98619	1.81	cps
Zirconium	90-1	432237	446299	447194	441910	1.90	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	960557	958855	958569	959327	0.11	cps
Antimony	121-1	1017	1233	2200	1483	42.48	cps
Arsenic	75-2	578	535	635	583	8.61	cps
Barium	135-1	379999	371614	377582	376398	1.15	cps
Barium	137-1	644758	638723	641723	641735	0.47	cps
Beryllium	9-1	989	1117	1295	1133	13.54	cps
Bismuth	209-1	23000517	22767450	23284990	23017652	1.13	cps
Bismuth	209-2	12977864	12952770	13119001	13016545	0.69	cps
Boron	11-1	13807	14215	14825	14282	3.59	cps
Boron	10-1	2825	3050	2934	2937	3.83	cps
Bromine	81-1	67115	68119	69840	68358	2.02	cps
Bromine	81-2	531	581	831	647	24.86	cps
Cadmium	106-1	16936	16143	17011	16697	2.88	cps
Cadmium	108-1	183	188	229	200	12.67	cps
Cadmium	111-1	12314	11802	12764	12294	3.91	cps
Calcium	43-1	18846	18529	18721	18699	0.85	cps
Calcium	44-1	315603	312288	326630	318173	2.36	cps
Chromium	52-2	80964	79935	80599	80499	0.65	cps
Cobalt	59-2	33532	34013	33719	33755	0.72	cps
Copper	63-2	41101	40680	41218	41000	0.69	cps
Dysprosium	156-2	16056	16433	16417	16302	1.31	cps
Dysprosium	156-1	33325	32498	33233	33019	1.37	cps
Erbium	164-1	28189	28080	27470	27913	1.39	cps
Erbium	164-2	12910	13003	12603	12838	1.63	cps
Gadolinium	160-1	30184	29750	29241	29725	1.59	cps
Gadolinium	160-2	15829	15749	16273	15951	1.77	cps
Holmium	165-1	36567541	36432761	36499925	36500076	0.18	cps
Holmium	165-2	17451610	17429210	17548935	17476585	0.36	cps
Indium	115-1	29213930	28909413	29464430	29195924	0.95	cps
Indium	115-2	5220942	5192654	5282919	5232172	0.88	cps
Iron	56-2	31431885	30950751	30822847	31068495	1.03	cps
Iron	57-2	759013	752802	761411	757742	0.59	cps
Iron	54-2	1692830	1686398	1692545	1690591	0.21	cps
Krypton	83-1	1047	1043	1003	1031	2.34	cps
Lead	206-1	75084	74178	77682	75648	2.40	cps
Lead	207-1	62363	61274	65294	62977	3.30	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	295913	292313	302786	297004	1.79	cps
Lithium	6-1	7807694	7823495	7893335	7841508	0.58	cps
Magnesium	24-2	461631	465064	457685	461460	0.80	cps
Manganese	55-2	177561	179058	176997	177872	0.60	cps
Molybdenum	94-1	33348	33123	34334	33602	1.92	cps
Molybdenum	95-1	1450	1600	3701	2250	55.92	cps
Molybdenum	96-1	7769	7736	10329	8611	17.28	cps
Molybdenum	97-1	908	1042	2675	1542	63.82	cps
Molybdenum	98-1	2384	2684	6418	3829	58.71	cps
Neodymium	150-1	47061	46533	45603	46399	1.59	cps
Neodymium	150-2	17298	17435	17107	17280	0.95	cps
Nickel	60-2	13510	13513	13420	13481	0.39	cps
Phosphorus	31-2	1283	1325	1492	1367	8.07	cps
Potassium	39-2	71773	73131	68534	71146	3.32	cps
Rhodium	103-1	26986413	26543500	26928869	26819594	0.90	cps
Rhodium	103-2	12005552	11934389	12048226	11996056	0.48	cps
Scandium	45-1	18177333	17860736	18278855	18105641	1.20	cps
Scandium	45-2	785103	784742	795118	788321	0.75	cps
Selenium	82-1	114	74	168	119	39.90	cps
Selenium	77-2	73	93	90	86	12.53	cps
Selenium	78-2	169	167	193	176	8.22	cps
Silicon	28-1	21737981	21367467	21482515	21529321	0.88	cps
Silver	107-1	1142	758	1000	967	20.05	cps
Silver	109-1	592	700	617	636	8.92	cps
Sodium	23-2	66900	68449	53805	63051	12.76	cps
Strontium	86-1	18646	19773	20340	19586	4.40	cps
Strontium	88-1	155562	156201	161854	157872	2.19	cps
Sulfur	34-1	444176	441821	447231	444409	0.61	cps
Terbium	159-1	37599159	37035527	38161961	37598882	1.50	cps
Terbium	159-2	17193906	17168793	17370478	17244392	0.64	cps
Thallium	203-1	2159	2125	2775	2353	15.56	cps
Thallium	205-1	4959	4976	7019	5652	20.95	cps
Thorium	232-1	111578	110385	113308	111757	1.32	cps
Tin	118-1	2350	2717	3701	2923	23.89	cps
Titanium	47-1	234487	232245	233845	233526	0.49	cps
Uranium	238-1	47161	47429	51051	48547	4.48	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	L1125-03DL3X25	Instrumnet Name :	P7
Client Sample ID :	FESB-34-(4.5-5)DL3	Dilution Factor :	25
Date & Time Acquired ::	2020-01-27 16:47:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	93944	92337	92846	93042	0.88	cps
Yttrium	89-1	39704806	39089878	40019331	39604672	1.19	cps
Yttrium	89-2	5154673	5222608	5245928	5207737	0.91	cps
Zinc	66-2	25803	25900	26210	25971	0.82	cps
Zirconium	91-1	19205	18796	19405	19136	1.62	cps
Zirconium	90-1	86151	85371	87308	86277	1.13	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : CCV43 Instrumnet Name : P7
 Client Sample ID : CCV43 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:50:55 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11821198	12075970	11956146	11951105	1.07	cps
Antimony	121-1	9743872	9527394	9640338	9637201	1.12	cps
Arsenic	75-2	305097	313426	309096	309207	1.35	cps
Barium	135-1	13568456	13348103	13477227	13464595	0.82	cps
Barium	137-1	22921195	22565877	22880152	22789075	0.85	cps
Beryllium	9-1	2232408	2192786	2209015	2211403	0.90	cps
Bismuth	209-1	19470143	19068151	19474178	19337490	1.21	cps
Bismuth	209-2	10776535	10572722	10832754	10727337	1.28	cps
Boron	11-1	1857011	1860412	1911923	1876449	1.64	cps
Boron	10-1	389137	387017	402555	392903	2.14	cps
Bromine	81-1	59011	59757	60438	59735	1.19	cps
Bromine	81-2	140	120	130	130	7.69	cps
Cadmium	106-1	393234	398762	401848	397948	1.10	cps
Cadmium	108-1	263242	260832	262119	262064	0.46	cps
Cadmium	111-1	3438635	3445324	3451934	3445298	0.19	cps
Calcium	43-1	16666029	16337880	16543925	16515945	1.00	cps
Calcium	44-1	267256356	262802539	265675481	265244792	0.85	cps
Chromium	52-2	3200116	3294547	3271824	3255496	1.51	cps
Cobalt	59-2	5030360	5089545	5125046	5081651	0.94	cps
Copper	63-2	8101157	8242874	8188823	8177618	0.87	cps
Dysprosium	156-2	513	677	653	614	14.38	cps
Dysprosium	156-1	1217	1033	1200	1150	8.82	cps
Erbium	164-1	292	342	292	308	9.36	cps
Erbium	164-2	97	150	133	127	21.54	cps
Gadolinium	160-1	1208	925	1108	1081	13.30	cps
Gadolinium	160-2	1010	1053	1083	1049	3.51	cps
Holmium	165-1	34732516	33593659	34968928	34431701	2.14	cps
Holmium	165-2	16519851	16287492	16570070	16459138	0.92	cps
Indium	115-1	26333768	25730281	26625010	26229686	1.74	cps
Indium	115-2	4856379	4799753	4922372	4859502	1.26	cps
Iron	56-2	660537815	671796348	661439770	664591311	0.94	cps
Iron	57-2	16266925	16527457	16369010	16387797	0.80	cps
Iron	54-2	35382499	35956988	35508501	35615996	0.85	cps
Krypton	83-1	1070	993	1070	1045	4.24	cps
Lead	206-1	8338364	8209214	8320736	8289438	0.84	cps
Lead	207-1	7439615	7249782	7445465	7378287	1.51	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : CCV43 Instrumnet Name : P7
 Client Sample ID : CCV43 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:50:55 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	33836124	33030858	33593978	33486986	1.23	cps
Lithium	6-1	7272042	7118323	7438534	7276300	2.20	cps
Magnesium	24-2	128924174	130813882	130116015	129951357	0.74	cps
Manganese	55-2	3852802	3947614	3880424	3893613	1.25	cps
Molybdenum	94-1	22841689	22546059	23006571	22798106	1.02	cps
Molybdenum	95-1	27771091	27195578	27769999	27578889	1.20	cps
Molybdenum	96-1	30986558	30397485	30935200	30773081	1.06	cps
Molybdenum	97-1	17396136	17005295	17452392	17284608	1.41	cps
Molybdenum	98-1	44596953	43768788	44841912	44402551	1.27	cps
Neodymium	150-1	1500	1693	1607	1600	6.05	cps
Neodymium	150-2	173	163	177	171	4.05	cps
Nickel	60-2	1309768	1332535	1322016	1321440	0.86	cps
Phosphorus	31-2	129803	132780	130896	131160	1.15	cps
Potassium	39-2	60304941	61541724	61392572	61079746	1.11	cps
Rhodium	103-1	22318066	21936089	22617680	22290611	1.53	cps
Rhodium	103-2	10036167	9860300	10166059	10020842	1.53	cps
Scandium	45-1	16735776	16336946	17051325	16708016	2.14	cps
Scandium	45-2	758284	748555	770230	759023	1.43	cps
Selenium	82-1	226786	224402	228020	226403	0.81	cps
Selenium	77-2	10030	9767	9677	9825	1.87	cps
Selenium	78-2	33026	32627	33355	33003	1.10	cps
Silicon	28-1	8002295	7959020	8149383	8036900	1.24	cps
Silver	107-1	14171878	13871606	14109120	14050868	1.13	cps
Silver	109-1	13556916	13386882	13387681	13443826	0.73	cps
Sodium	23-2	240672130	244321655	245065980	243353255	0.97	cps
Strontium	86-1	3630456	3548729	3631409	3603532	1.32	cps
Strontium	88-1	31794055	31237190	31662049	31564431	0.92	cps
Sulfur	34-1	1926151	1909316	1931581	1922349	0.60	cps
Terbium	159-1	35587452	34311169	35580667	35159763	2.09	cps
Terbium	159-2	16187253	15891701	16268381	16115778	1.23	cps
Thallium	203-1	10250210	10172330	10286086	10236208	0.57	cps
Thallium	205-1	24314402	24178397	24592990	24361929	0.87	cps
Thorium	232-1	39360599	38577522	38694554	38877558	1.09	cps
Tin	118-1	9160596	8986325	9103343	9083421	0.98	cps
Titanium	47-1	7945684	7765633	7888040	7866452	1.17	cps
Uranium	238-1	37825479	37142526	37649468	37539157	0.94	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:50:55	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2615677	2660872	2642600	2639716	0.86	cps
Yttrium	89-1	36331808	35823358	37279388	36478184	2.03	cps
Yttrium	89-2	4964464	4875314	5023100	4954293	1.50	cps
Zinc	66-2	1072902	1101403	1089701	1088002	1.32	cps
Zirconium	91-1	4238142	4168564	4282333	4229680	1.36	cps
Zirconium	90-1	19075251	18675664	19050946	18933954	1.18	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:54:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	350	358	350	2.38	cps
Antimony	121-1	13799	15843	17403	15682	11.53	cps
Arsenic	75-2	41	19	35	31	36.73	cps
Barium	135-1	3051	3251	1825	2709	28.49	cps
Barium	137-1	5076	5718	2934	4576	31.86	cps
Beryllium	9-1	700	1000	600	767	27.15	cps
Bismuth	209-1	23368101	22734300	23279254	23127219	1.48	cps
Bismuth	209-2	12953736	12813444	13003812	12923664	0.76	cps
Boron	11-1	47066	43581	41626	44091	6.25	cps
Boron	10-1	10996	9337	8786	9706	11.85	cps
Bromine	81-1	63505	61835	62257	62532	1.39	cps
Bromine	81-2	160	310	240	237	31.71	cps
Cadmium	106-1	18096	18430	17495	18007	2.63	cps
Cadmium	108-1	96	92	79	89	9.76	cps
Cadmium	111-1	13546	13757	12774	13359	3.87	cps
Calcium	43-1	2967	3584	2259	2937	22.58	cps
Calcium	44-1	61833	71039	45298	59390	21.96	cps
Chromium	52-2	2207	2090	1950	2082	6.17	cps
Cobalt	59-2	260	240	250	250	4.00	cps
Copper	63-2	1630	1637	1627	1631	0.31	cps
Dysprosium	156-2	37	23	23	28	27.73	cps
Dysprosium	156-1	58	108	50	72	43.68	cps
Erbium	164-1	167	208	175	183	12.03	cps
Erbium	164-2	93	93	87	91	4.23	cps
Gadolinium	160-1	308	233	375	306	23.19	cps
Gadolinium	160-2	683	613	647	648	5.41	cps
Holmium	165-1	35914045	35264357	36189688	35789363	1.33	cps
Holmium	165-2	17285032	17180954	17260610	17242199	0.32	cps
Indium	115-1	28924346	28558332	29055554	28846078	0.89	cps
Indium	115-2	5217022	5212617	5299103	5242914	0.93	cps
Iron	56-2	28083	28901	30182	29055	3.64	cps
Iron	57-2	733	878	756	789	9.86	cps
Iron	54-2	2313	2102	2202	2206	4.77	cps
Krypton	83-1	870	910	863	881	2.86	cps
Lead	206-1	3667	4440	2850	3652	21.76	cps
Lead	207-1	3406	3628	2700	3245	14.93	cps

LB Number : LB107371 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2020-01-27 16:54:44 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15376	16799	11558	14578	18.59	cps
Lithium	6-1	8251188	8188424	8284730	8241447	0.59	cps
Magnesium	24-2	3000	2900	2775	2892	3.90	cps
Manganese	55-2	263	213	287	254	14.72	cps
Molybdenum	94-1	8470	9412	6927	8269	15.17	cps
Molybdenum	95-1	10029	10921	8795	9915	10.77	cps
Molybdenum	96-1	11463	12189	9354	11002	13.39	cps
Molybdenum	97-1	6302	6718	5160	6060	13.32	cps
Molybdenum	98-1	16544	18454	13416	16138	15.76	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	83	73	93	83	12.01	cps
Phosphorus	31-2	467	283	358	369	24.95	cps
Potassium	39-2	41091	39813	38952	39952	2.69	cps
Rhodium	103-1	26760660	26298808	26753947	26604472	1.00	cps
Rhodium	103-2	11857771	11931083	12055004	11947953	0.83	cps
Scandium	45-1	17780238	17698778	17868037	17782351	0.48	cps
Scandium	45-2	776063	783835	788977	782958	0.83	cps
Selenium	82-1	194	154	137	162	18.24	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	102	109	102	104	4.10	cps
Silicon	28-1	339850	341968	335998	339272	0.89	cps
Silver	107-1	1292	1375	1108	1258	10.84	cps
Silver	109-1	1117	858	733	903	21.65	cps
Sodium	23-2	41742	41357	39879	40993	2.40	cps
Strontium	86-1	2275	2367	1967	2203	9.51	cps
Strontium	88-1	6418	7336	4326	6027	25.59	cps
Sulfur	34-1	595061	602649	605731	601147	0.91	cps
Terbium	159-1	36933277	36562239	37219541	36905019	0.89	cps
Terbium	159-2	17144581	16970624	17240519	17118574	0.80	cps
Thallium	203-1	4318	4726	3467	4170	15.40	cps
Thallium	205-1	9996	10505	7302	9268	18.57	cps
Thorium	232-1	15866	17762	14686	16105	9.64	cps
Tin	118-1	7644	8186	8094	7975	3.64	cps
Titanium	47-1	2184	2509	1692	2128	19.32	cps
Uranium	238-1	11673	13533	8295	11167	23.78	cps

LB Number :	LB107371	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2020-01-27 16:54:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	67	77	57	67	15.00	cps
Yttrium	89-1	38921525	38331980	39166381	38806629	1.11	cps
Yttrium	89-2	5105120	5108248	5116518	5109962	0.12	cps
Zinc	66-2	600	643	610	618	3.67	cps
Zirconium	91-1	1684	1709	1342	1578	12.98	cps
Zirconium	90-1	7294	7936	6777	7336	7.91	cps