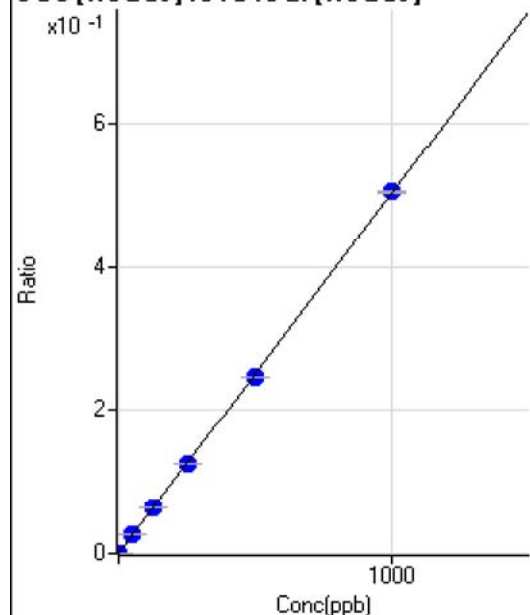


Batch Folder: D:\ICP-MS Data\P7081019IMS.b\
Analysis File: P7081019IMS.batch.bin
DA Date-Time: 2019-08-11 23:47:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-10 15:43:36
2	003CALS.d	S02	2019-08-10 15:47:14
3	004CALS.d	S03	2019-08-10 15:51:21
4	005CALS.d	S04	2019-08-10 15:55:18
5	006CALS.d	S05	2019-08-10 15:59:12
6	007CALS.d	S06	2019-08-10 16:03:02
7	008CALS.d	S07	2019-08-10 16:06:52
8	009CALS.d	S08	2019-08-10 16:10:39

9 Be [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	13.1
2	☐	1.000	1.034	1460.09	0.0005	P	3.7
3	☐	50.000	51.861	71395.70	0.0261	P	1.0
4	☐	125.000	127.723	171967.99	0.0642	P	1.5
5	☐	250.000	249.609	329049.88	0.1255	P	0.5
6	☐	500.000	488.869	629446.12	0.2457	P	0.1
7	☐	1000.000	1005.230	1278057.67	0.5052	P	0.7
8	☐			357.79	0.0001	P	7.4

$$y = 5.0256\text{E-}004 * x + 2.0174\text{E-}005$$

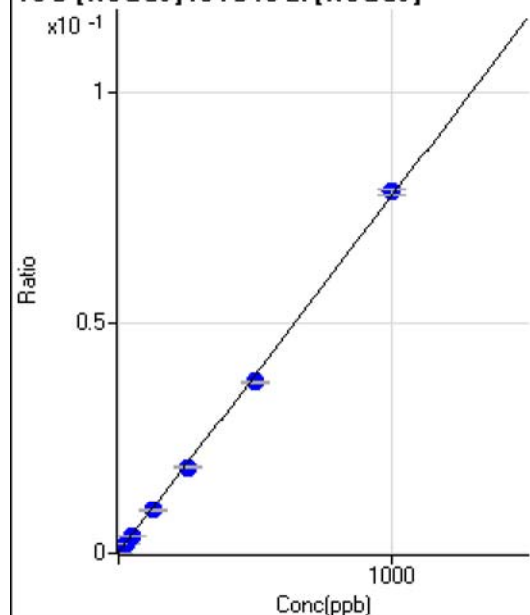
$$R = 0.9999$$

$$DL = 0.01578$$

$$BEC = 0.04014$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	425.02	0.0002	P	9.1
2	☐	25.000	23.857	5415.08	0.0020	P	3.7
3	☐	50.000	46.205	10217.72	0.0037	P	3.6
4	☐	125.000	120.204	25355.42	0.0095	P	2.1
5	☐	250.000	241.359	49440.36	0.0189	P	1.9
6	☐	500.000	480.020	95655.39	0.0373	P	1.6
7	☐	1000.000	1012.968	198898.38	0.0786	P	1.3
8	☐			10456.80	0.0043	P	6.9

$$y = 7.7466\text{E-}005 * x + 1.5432\text{E-}004$$

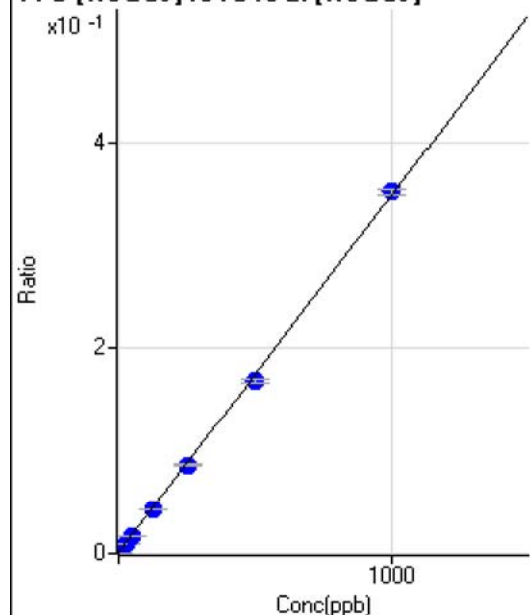
$$R = 0.9997$$

$$DL = 0.5411$$

$$BEC = 1.992$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1944.66	0.0007	P	6.8
2	☐	25.000	23.141	23661.02	0.0087	P	1.2
3	☐	50.000	47.420	47035.49	0.0172	P	0.2
4	☐	125.000	121.234	114720.85	0.0428	P	1.7
5	☐	250.000	245.976	226023.70	0.0862	P	1.8
6	☐	500.000	482.116	430991.35	0.1682	P	1.8
7	☐	1000.000	1010.594	890159.84	0.3519	P	1.4
8	☐			46670.47	0.0194	P	6.0

$$y = 3.4750\text{E-}004 * x + 7.0642\text{E-}004$$

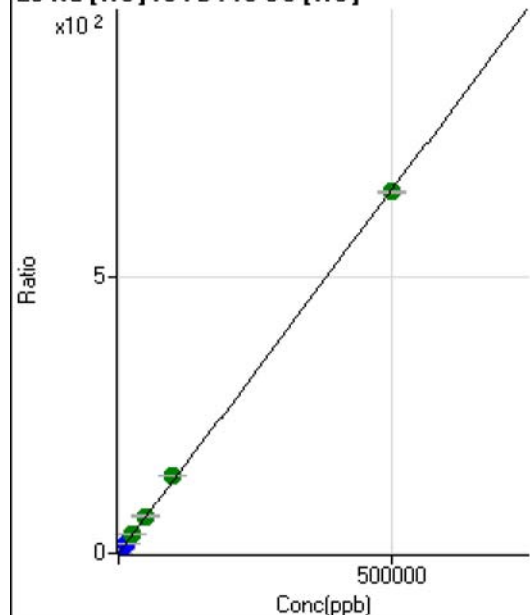
$$R = 0.9998$$

$$DL = 0.4146$$

$$BEC = 2.033$$

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	2661.47	0.0177	P	7.1
2	☐	500.000	516.383	103130.41	0.6955	P	0.7
3	☐	5000.000	5144.835	998981.53	6.7710	P	0.2
4	☐	12500.000	12900.415	2363773.84	16.9512	P	0.6
5	☐	25000.000	25865.541	4543785.04	33.9695	A	0.3
6	☐	50000.000	51343.790	9059273.38	67.4130	A	0.9
7	☐	100000.00	108624.13	18848494.34	142.6007	A	0.6
8	☐	500000.00	498086.04	87450161.68	653.8191	A	0.8

$$y = 0.0013 * x + 0.0177$$

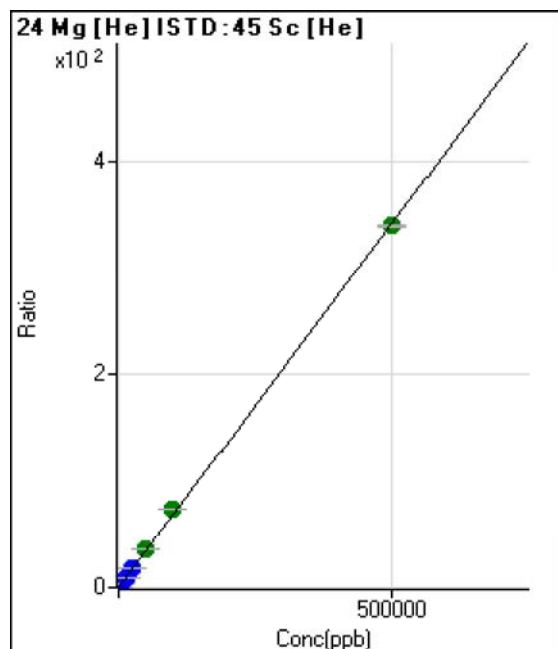
$$R = 0.9998$$

$$DL = 2.875$$

$$BEC = 13.5$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0007	P	8.8
2	☐	500.000	524.846	53278.80	0.3593	P	1.3
3	☐	5000.000	5163.121	520650.71	3.5289	P	0.1
4	☐	12500.000	12981.193	1237088.86	8.8713	P	0.9
5	☐	25000.000	25749.431	2353715.16	17.5965	P	0.5
6	☐	50000.000	51711.471	4748890.12	35.3375	A	0.6
7	☐	100000.00	108948.08	9840560.64	74.4499	A	0.6
8	☐	500000.00	497988.07	45515859.70	340.2988	A	0.6

$$y = 6.8335E-004 * x + 6.8496E-004$$

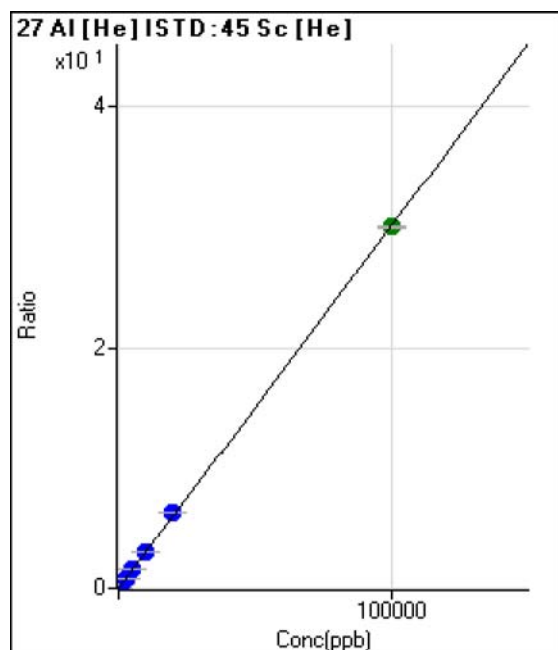
$$R = 0.9998$$

$$DL = 0.2657$$

$$BEC = 1.002$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	20.000	19.312	869.50	0.0059	P	8.2
3	☐	1000.000	1016.107	45235.85	0.3066	P	0.5
4	☐	2500.000	2569.099	108088.73	0.7751	P	1.3
5	☐	5000.000	5093.263	205542.61	1.5367	P	0.4
6	☐	10000.000	9992.297	405128.83	3.0147	P	0.6
7	☐	20000.000	21085.437	840840.55	6.3614	P	1.2
8	☐	100000.00	99777.131	4026298.22	30.1024	A	0.5

$$y = 3.0170E-004 * x + 3.7886E-005$$

$$R = 0.9999$$

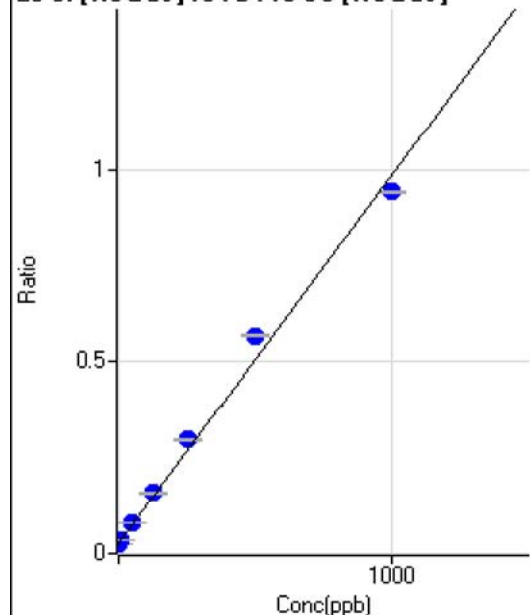
$$DL = 0.6525$$

$$BEC = 0.1256$$

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	95406.73	0.0262	P	5.2
2	☐	10.000	10.703	129960.16	0.0365	P	0.7
3	☐	50.000	54.313	280804.25	0.0782	P	0.8
4	☐	125.000	138.009	554864.92	0.1584	P	3.3
5	☐	250.000	284.613	1010352.82	0.2988	P	0.9
6	☐	500.000	564.484	1888977.60	0.5668	P	0.9
7	☐	1000.000	957.256	3120530.71	0.9430	P	0.9
8	☐			281340.81	0.0874	P	1.6

$$y = 9.5775\text{E-}004 * x + 0.0262$$

R = 0.9960

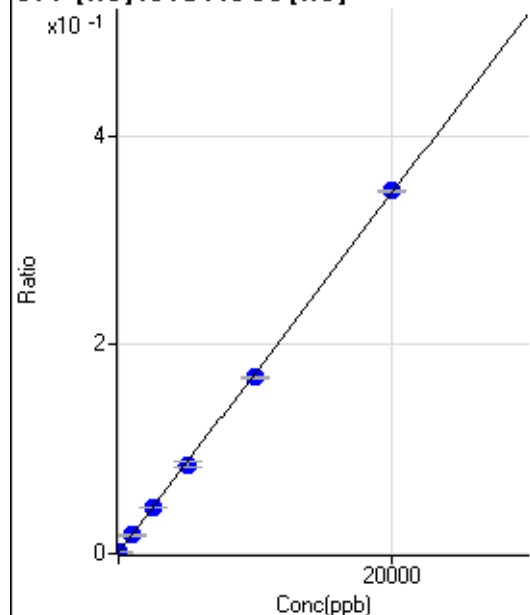
DL = 4.227

BEC = 27.36

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-40.778	41.67	0.0003	P	73.1
2	☐	0.000	40.778	250.01	0.0017	P	25.2
3	☐	1000.000	960.876	2586.43	0.0175	P	3.3
4	☐	2500.000	2522.380	6193.20	0.0444	P	0.3
5	☐	5000.000	4904.960	11427.02	0.0854	P	5.2
6	☐	10000.000	9767.709	22734.63	0.1692	P	1.4
7	☐	20000.000	20139.064	45960.57	0.3477	P	0.6
8	☐			69.45	0.0005	P	36.8

$$y = 1.7217\text{E-}005 * x + 9.8409\text{E-}004$$

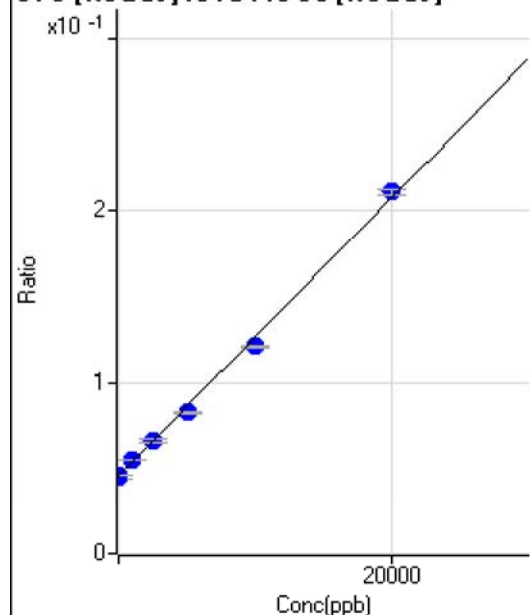
R = 0.9999

DL = 54.97

BEC = 57.16

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-92.383	162391.66	0.0446	P	5.7
2	☐	0.000	92.383	164363.70	0.0461	P	0.6
3	☐	1000.000	1202.663	197816.28	0.0551	P	1.1
4	☐	2500.000	2543.212	231072.26	0.0660	P	4.4
5	☐	5000.000	4591.215	279255.31	0.0826	P	1.6
6	☐	10000.000	9259.728	401383.37	0.1204	P	1.0
7	☐	20000.000	20456.798	699019.05	0.2112	P	1.4
8	☐			129399.27	0.0402	P	1.4

$$y = 8.1096E-006 * x + 0.0454$$

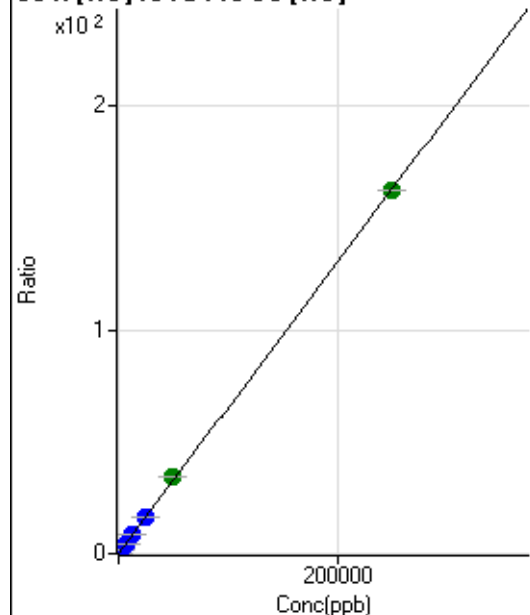
R = 0.9986

DL = 515.8

BEC = 5592

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	8222.03	0.0548	P	2.4
2	☐	500.000	524.385	58630.54	0.3954	P	1.0
3	☐	2500.000	2639.888	261087.22	1.7696	P	0.9
4	☐	6250.000	6461.856	592950.57	4.2522	P	0.6
5	☐	12500.000	12805.681	1119961.12	8.3730	P	0.4
6	☐	25000.000	25057.730	2194728.02	16.3315	P	0.6
7	☐	50000.000	53062.844	4563109.13	34.5227	A	0.5
8	☐	250000.00	249359.63	21672580.52	162.0307	A	0.1

$$y = 6.4957E-004 * x + 0.0548$$

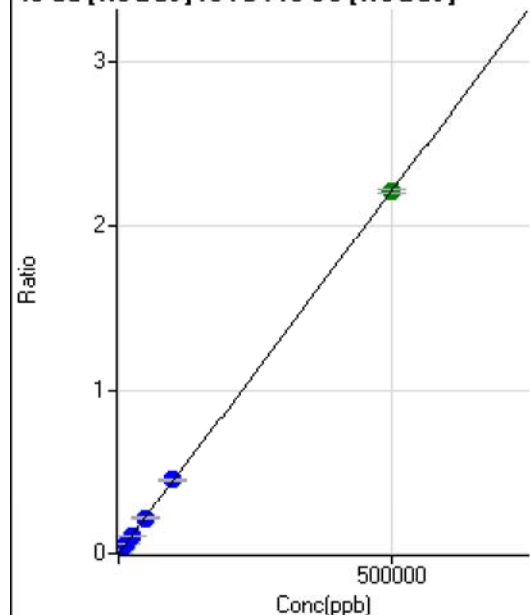
R = 0.9999

DL = 6.079

BEC = 84.37

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	27.5
2	☐	500.000	497.454	7921.85	0.0022	P	0.9
3	☐	5000.000	4924.469	78260.22	0.0218	P	1.6
4	☐	12500.000	12278.184	190276.74	0.0543	P	3.5
5	☐	25000.000	24640.084	368527.31	0.1090	P	0.3
6	☐	50000.000	48927.925	721081.98	0.2164	P	1.0
7	☐	100000.00	102130.48	1494606.83	0.4516	P	0.5
8	☐	500000.00	499705.41	7110401.29	2.2097	A	1.0

$$y = 4.4221\text{E-}006 * x + 2.2134\text{E-}005$$

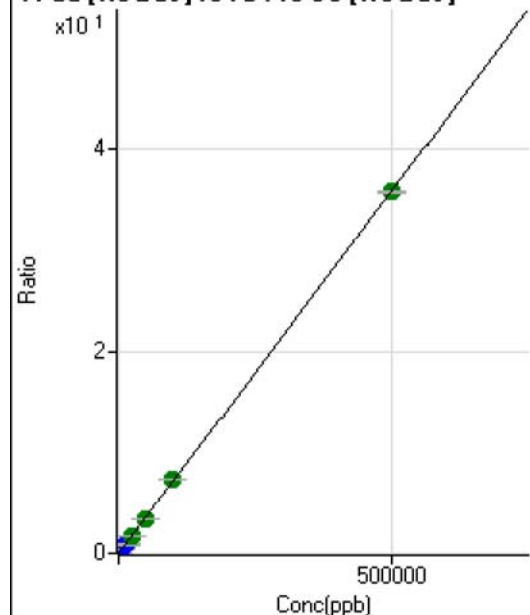
$$R = 1.0000$$

$$DL = 4.127$$

$$BEC = 5.005$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5490.83	0.0015	P	1.6
2	☐	500.000	483.907	128998.17	0.0362	P	1.7
3	☐	5000.000	4915.656	1270085.45	0.3538	P	0.7
4	☐	12500.000	11950.846	3006268.21	0.8580	P	2.7
5	☐	25000.000	24471.166	5935452.96	1.7553	A	0.8
6	☐	50000.000	48711.551	11638707.20	3.4925	A	0.5
7	☐	100000.00	103038.56	24441859.57	7.3860	A	0.4
8	☐	500000.00	499562.16	115210230.3	35.8036	A	0.6

$$y = 7.1667\text{E-}005 * x + 0.0015$$

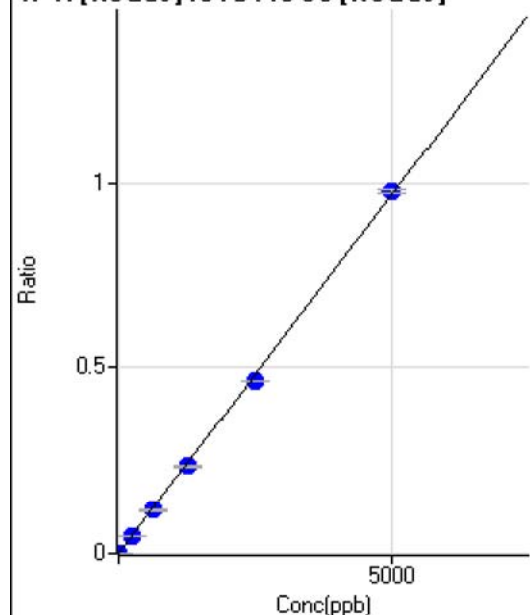
$$R = 1.0000$$

$$DL = 0.9905$$

$$BEC = 21$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD : 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.01	0.0000	P	60.7
2	☐	5.000	4.968	3500.55	0.0010	P	5.4
3	☐	250.000	247.639	172052.31	0.0479	P	0.2
4	☐	625.000	611.049	414202.20	0.1182	P	3.2
5	☐	1250.000	1220.345	798365.63	0.2361	P	0.9
6	☐	2500.000	2418.558	1559294.61	0.4679	P	0.2
7	☐	5000.000	5049.997	3232774.58	0.9770	P	1.1
8	☐			1238.99	0.0004	P	16.3

$$y = 1.9345E-004 * x + 2.0798E-005$$

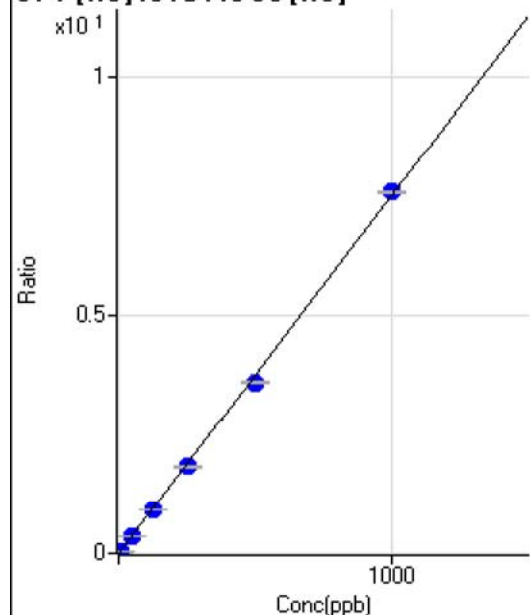
$$R = 0.9998$$

$$DL = 0.1957$$

$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	102.
2	☐	5.000	5.230	5822.34	0.0393	P	0.9
3	☐	50.000	49.511	54822.61	0.3716	P	0.8
4	☐	125.000	122.935	128658.18	0.9226	P	1.0
5	☐	250.000	244.279	245213.64	1.8332	P	0.6
6	☐	500.000	479.581	483678.84	3.5991	P	0.4
7	☐	1000.000	1011.921	1003767.17	7.5941	P	0.6
8	☐			227.78	0.0017	P	20.3

$$y = 0.0075 * x + 2.2298E-005$$

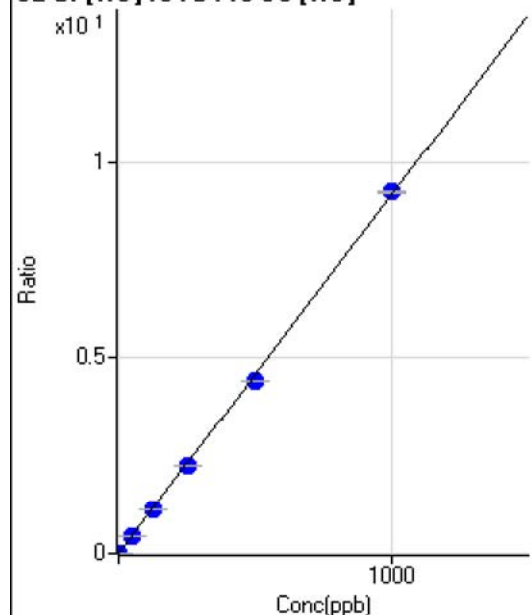
$$R = 0.9997$$

$$DL = 0.009095$$

$$BEC = 0.002971$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0013	P	9.4
2	☐	2.000	1.979	2878.11	0.0194	P	4.4
3	☐	50.000	49.756	67361.84	0.4566	P	0.3
4	☐	125.000	124.176	158622.39	1.1375	P	0.6
5	☐	250.000	247.088	302587.21	2.2622	P	0.7
6	☐	500.000	482.276	593222.89	4.4142	P	0.5
7	☐	1000.000	1009.705	1221350.25	9.2402	P	0.7
8	☐			19302.83	0.1443	P	1.1

$$y = 0.0092 * x + 0.0013$$

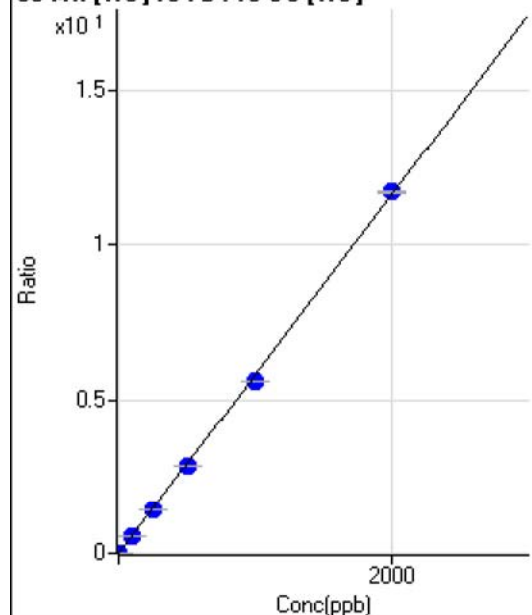
$$R = 0.9998$$

$$DL = 0.04024$$

$$BEC = 0.1422$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.67	0.0002	P	3.1
2	☐	1.000	1.013	907.82	0.0061	P	2.8
3	☐	100.000	98.457	84355.58	0.5718	P	0.8
4	☐	250.000	246.664	199693.79	1.4321	P	0.2
5	☐	500.000	490.994	381255.96	2.8503	P	0.8
6	☐	1000.000	966.682	754127.15	5.6116	P	0.4
7	☐	2000.000	2019.405	1549426.70	11.7224	P	0.7
8	☐			5353.28	0.0400	P	1.3

$$y = 0.0058 * x + 2.4455E-004$$

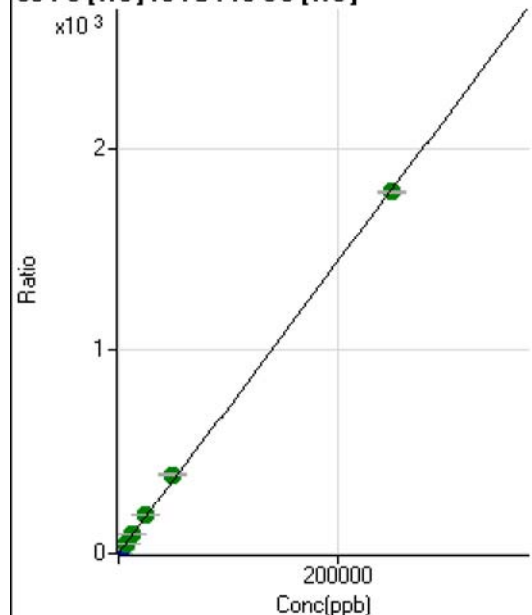
$$R = 0.9998$$

$$DL = 0.003937$$

$$BEC = 0.04213$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1763.12	0.0118	P	8.4
2	☐	50.000	58.675	64110.14	0.4324	P	0.7
3	☐	2500.000	2663.128	2818322.46	19.1026	P	0.5
4	☐	6250.000	6597.433	6596697.60	47.3059	A	0.9
5	☐	12500.000	13144.675	12605537.09	94.2403	A	0.6
6	☐	25000.000	25995.927	25044434.36	186.3654	A	0.8
7	☐	50000.000	54603.435	51739144.68	391.4404	A	0.7
8	☐	250000.00	248937.16	238687873.8	1,784.535	A	0.4

$$y = 0.0072 * x + 0.0118$$

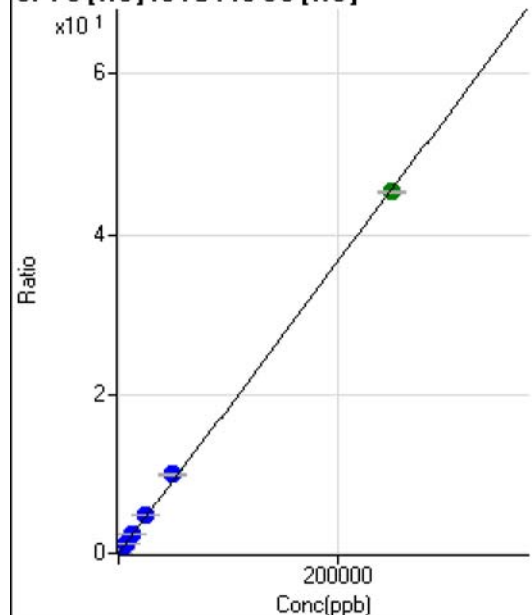
$$R = 0.9998$$

$$DL = 0.4157$$

$$BEC = 1.641$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.41	0.0007	P	0.5
2	☐	50.000	56.846	1642.73	0.0111	P	5.8
3	☐	2500.000	2688.158	72408.13	0.4908	P	1.3
4	☐	6250.000	6703.419	170519.11	1.2228	P	0.6
5	☐	12500.000	13410.509	327108.79	2.4455	P	1.2
6	☐	25000.000	26202.446	642013.22	4.7776	P	1.3
7	☐	50000.000	54879.728	1322507.19	10.0056	P	0.7
8	☐	250000.00	248845.06	6067925.66	45.3664	A	0.4

$$y = 1.8231E-004 * x + 7.1586E-004$$

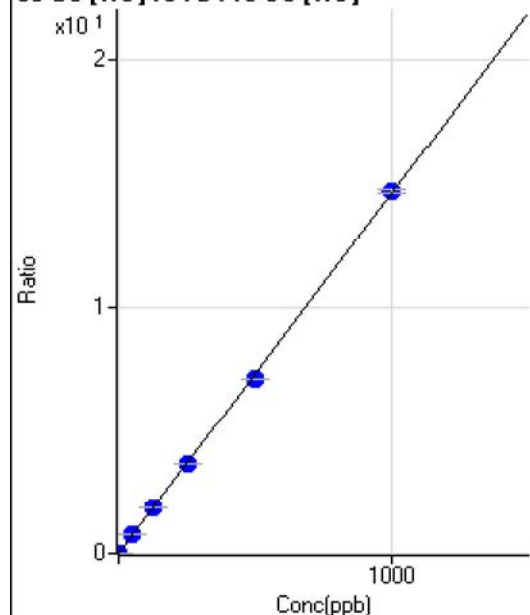
$$R = 0.9998$$

$$DL = 0.05609$$

$$BEC = 3.927$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0003	P	29.2
2	☐	1.000	1.027	2260.22	0.0152	P	5.7
3	☐	50.000	51.463	110864.80	0.7514	P	0.7
4	☐	125.000	127.579	259721.73	1.8625	P	0.6
5	☐	250.000	250.854	489809.85	3.6619	P	0.5
6	☐	500.000	486.207	953767.27	7.0972	P	0.7
7	☐	1000.000	1006.287	1941522.91	14.6887	P	1.0
8	☐			21889.90	0.1637	P	0.4

$$y = 0.0146 * x + 2.5320E-004$$

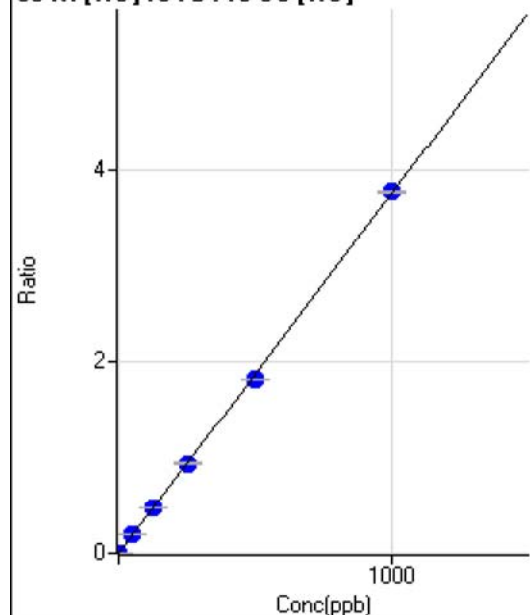
$$R = 0.9999$$

$$DL = 0.01518$$

$$BEC = 0.01735$$

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	46.67	0.0003	P	16.6
2	☐	1.000	1.038	622.25	0.0042	P	9.5
3	☐	50.000	52.219	28888.65	0.1958	P	2.3
4	☐	125.000	128.551	67146.25	0.4815	P	0.7
5	☐	250.000	253.067	126752.06	0.9476	P	0.4
6	☐	500.000	485.333	244192.17	1.8170	P	0.5
7	☐	1000.000	1006.012	497795.33	3.7661	P	0.8
8	☐			8724.95	0.0652	P	2.5

$$y = 0.0037 * x + 3.1194E-004$$

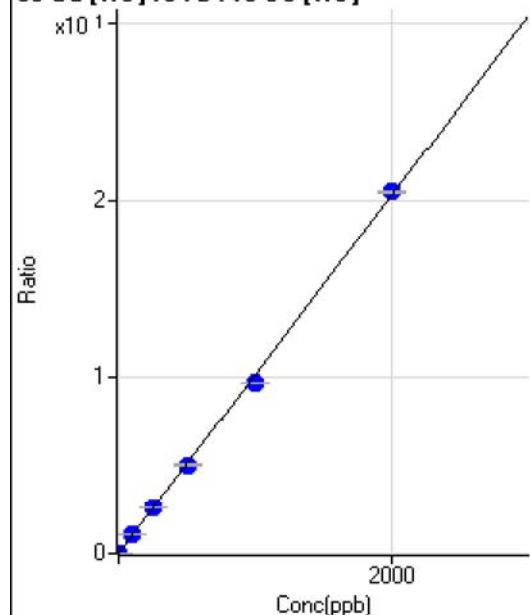
$$R = 0.9998$$

$$DL = 0.04153$$

$$BEC = 0.08333$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	395.57	0.0026	P	3.1
2	☐	2.000	1.999	3391.55	0.0229	P	3.6
3	☐	100.000	103.754	155361.65	1.0531	P	0.7
4	☐	250.000	254.700	359946.01	2.5812	P	0.0
5	☐	500.000	497.732	674374.48	5.0417	P	0.6
6	☐	1000.000	953.926	1298226.32	9.6603	P	0.3
7	☐	2000.000	2022.829	2707248.54	20.4820	P	0.5
8	☐			3903.92	0.0292	P	3.5

$$y = 0.0101 * x + 0.0026$$

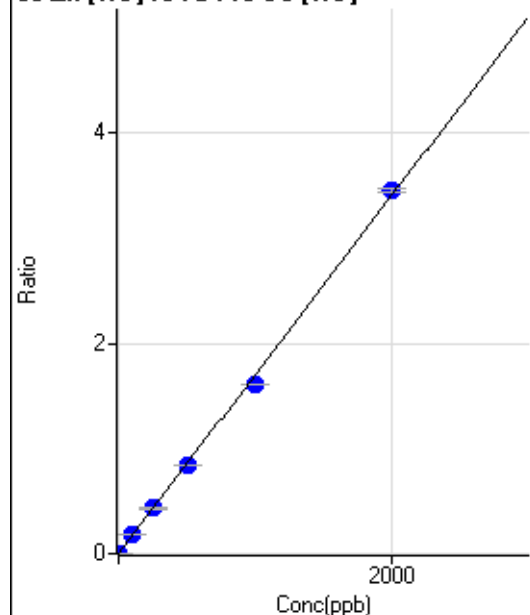
$$R = 0.9996$$

$$DL = 0.02403$$

$$BEC = 0.2603$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	156.67	0.0010	P	12.1
2	☐	2.000	2.465	775.59	0.0052	P	5.9
3	☐	100.000	106.873	26947.28	0.1827	P	0.9
4	☐	250.000	252.551	59989.26	0.4302	P	0.7
5	☐	500.000	492.821	112157.70	0.8385	P	1.0
6	☐	1000.000	947.114	216426.99	1.6105	P	0.6
7	☐	2000.000	2027.575	455548.16	3.4465	P	0.9
8	☐			4225.12	0.0316	P	2.1

$$y = 0.0017 * x + 0.0010$$

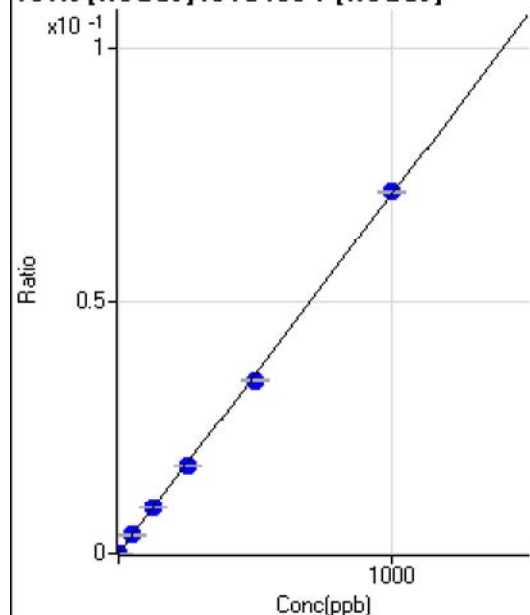
$$R = 0.9995$$

$$DL = 0.2225$$

$$BEC = 0.6129$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-203.13	0.0000	P	-29.
2	☐	1.000	1.270	1044.16	0.0001	P	25.9
3	☐	50.000	51.174	50209.81	0.0036	P	1.6
4	☐	125.000	127.077	122214.69	0.0090	P	2.1
5	☐	250.000	247.568	232591.88	0.0176	P	0.3
6	☐	500.000	483.068	450785.96	0.0344	P	1.0
7	☐	1000.000	1008.755	938522.92	0.0719	P	0.5
8	☐			1018.52	0.0001	P	17.3

$$y = 7.1254\text{E-}005 * x - 1.4231\text{E-}005$$

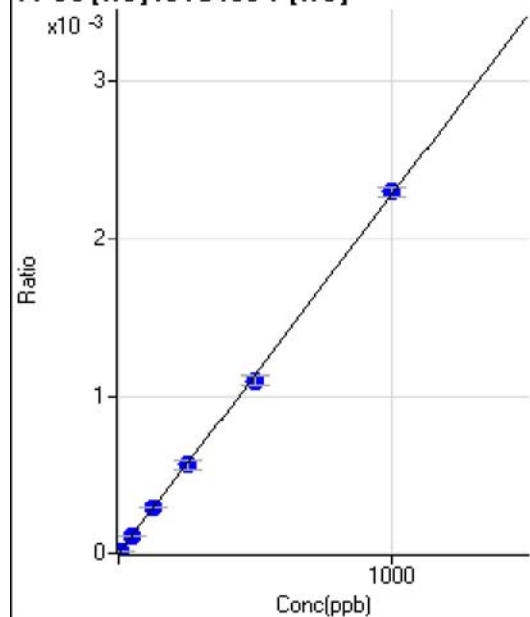
$$R = 0.9998$$

$$DL = 0.174$$

$$BEC = -0.1997$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.542	21.11	0.0000	P	17.8
3	☐	50.000	49.017	228.90	0.0001	P	5.2
4	☐	125.000	127.026	565.58	0.0003	P	1.6
5	☐	250.000	248.826	1078.95	0.0006	P	8.7
6	☐	500.000	481.677	2095.75	0.0011	P	5.5
7	☐	1000.000	1009.253	4312.94	0.0023	P	2.4
8	☐			1.11	0.0000	P	173.

$$y = 2.2775\text{E-}006 * x + 0.0000\text{E+}000$$

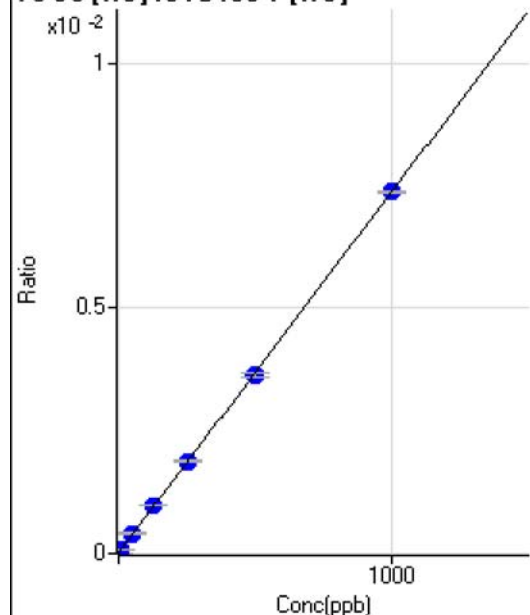
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.40	0.0000	P	53.1
2	☐	5.000	6.806	130.25	0.0001	P	2.8
3	☐	50.000	53.091	830.28	0.0004	P	7.1
4	☐	125.000	131.550	1921.13	0.0010	P	1.2
5	☐	250.000	255.279	3606.66	0.0019	P	1.6
6	☐	500.000	492.233	6949.87	0.0036	P	1.4
7	☐	1000.000	1001.581	13870.87	0.0074	P	0.7
8	☐			35.18	0.0000	P	28.9

$$y = 7.3659\text{E-}006 * x + 1.3737\text{E-}005$$

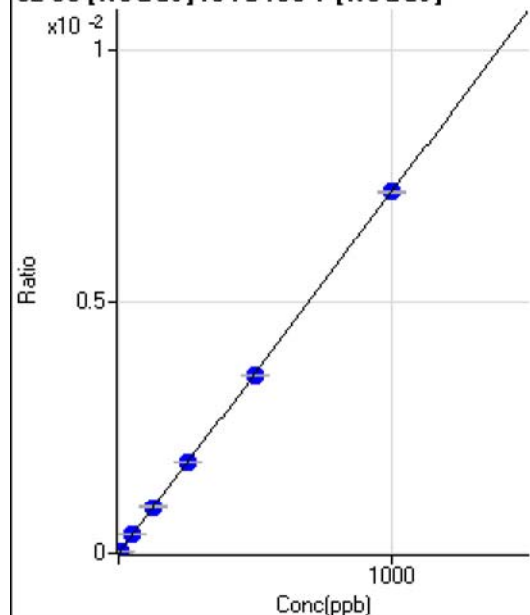
$$R = 0.9999$$

$$DL = 2.969$$

$$BEC = 1.865$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.74	0.0000	P	39.4
2	☐	5.000	5.141	541.99	0.0000	P	10.5
3	☐	50.000	52.443	5259.38	0.0004	P	2.3
4	☐	125.000	128.836	12582.79	0.0009	P	2.0
5	☐	250.000	255.190	24292.04	0.0018	P	0.5
6	☐	500.000	494.805	46731.43	0.0036	P	0.2
7	☐	1000.000	1000.698	94173.03	0.0072	P	0.6
8	☐			92.92	0.0000	P	52.8

$$y = 7.2033\text{E-}006 * x + 2.6523\text{E-}006$$

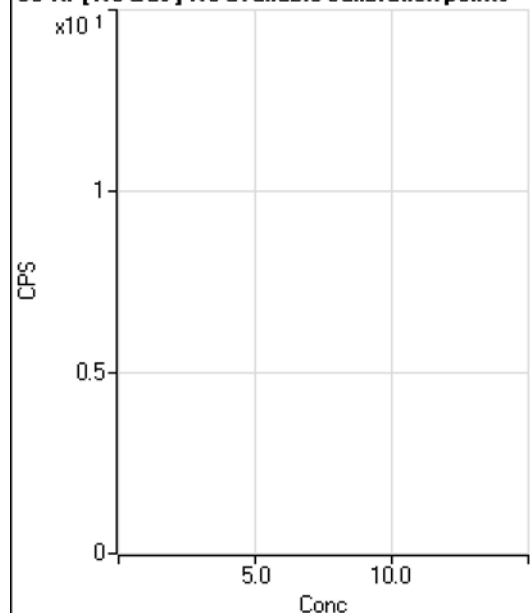
$$R = 1.0000$$

$$DL = 0.4348$$

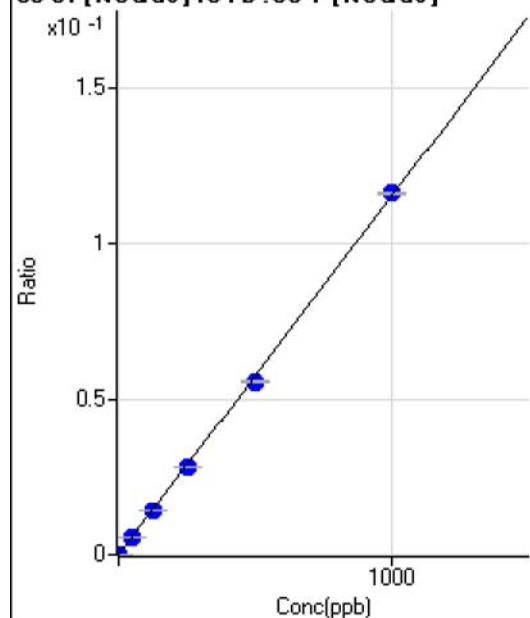
$$BEC = 0.3682$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.34		P	4.0
2	☐			133.34		P	9.0
3	☐			140.01		P	14.9
4	☐			150.00		P	11.8
5	☐			132.23		P	10.5
6	☐			155.56		P	10.8
7	☐			147.78		P	9.1
8	☐			173.34		P	28.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	238.90	0.0000	P	22.4
2	☐	1.000	0.992	1789.08	0.0001	P	8.2
3	☐	50.000	48.493	77520.22	0.0056	P	0.5
4	☐	125.000	122.423	190989.00	0.0141	P	3.2
5	☐	250.000	244.960	372913.92	0.0283	P	0.8
6	☐	500.000	483.767	730967.69	0.0558	P	0.6
7	☐	1000.000	1009.774	1520672.50	0.1164	P	0.7
8	☐			6226.64	0.0005	P	4.6

$$y = 1.1530E-004 * x + 1.6619E-005$$

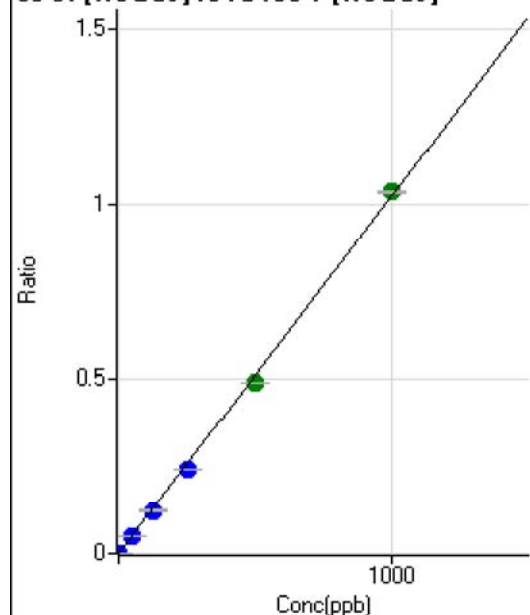
$$R = 0.9998$$

$$DL = 0.09698$$

$$BEC = 0.1441$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	6.9
2	☐	1.000	0.970	13609.73	0.0010	P	2.5
3	☐	50.000	48.138	681371.72	0.0493	P	0.2
4	☐	125.000	119.575	1654628.35	0.1224	P	3.2
5	☐	250.000	237.211	3204910.12	0.2429	P	0.4
6	☐	500.000	480.329	6443108.78	0.4918	A	0.1
7	☐	1000.000	1013.804	13555769.40	1.0380	A	0.4
8	☐			53706.88	0.0042	P	1.6

$$y = 0.0010 * x + 3.0887E-006$$

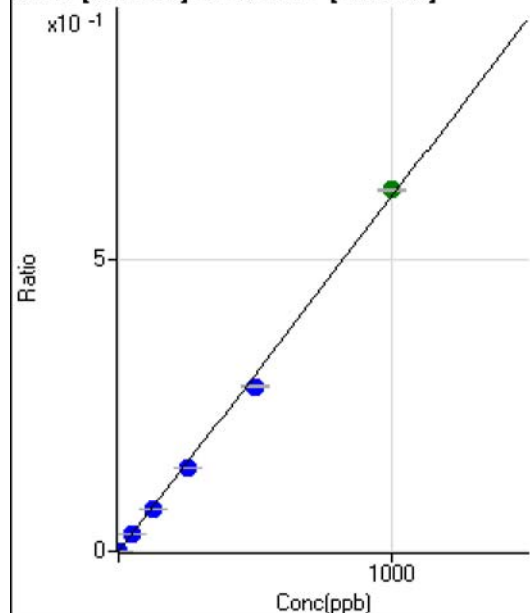
$$R = 0.9996$$

$$DL = 0.0006253$$

$$BEC = 0.003017$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	455.58	0.0000	P	12.7
2	☐	1.000	0.858	7582.84	0.0006	P	1.4
3	☐	50.000	47.820	403336.39	0.0292	P	0.5
4	☐	125.000	119.394	983929.72	0.0728	P	2.8
5	☐	250.000	238.750	1920529.04	0.1455	P	0.9
6	☐	500.000	467.406	3732593.14	0.2849	P	0.4
7	☐	1000.000	1019.920	8118340.20	0.6216	A	0.5
8	☐			2961.55	0.0002	P	4.5

$$y = 6.0946E-004 * x + 3.1818E-005$$

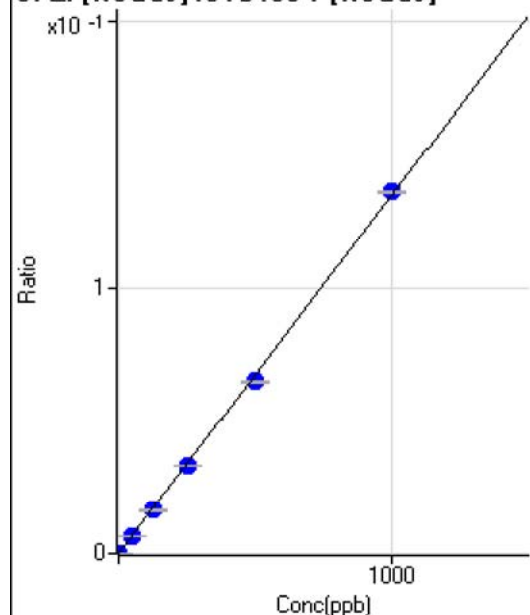
$$R = 0.9992$$

$$DL = 0.01982$$

$$BEC = 0.05221$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	5.8
2	☐	1.000	0.885	1689.08	0.0001	P	4.6
3	☐	50.000	48.438	90259.13	0.0065	P	2.1
4	☐	125.000	121.615	221493.65	0.0164	P	2.3
5	☐	250.000	244.873	435304.36	0.0330	P	0.6
6	☐	500.000	480.614	848196.13	0.0647	P	0.5
7	☐	1000.000	1011.476	1779329.60	0.1362	P	0.6
8	☐			663.93	0.0001	P	17.2

$$y = 1.3470\text{E-}004 * x + 4.4461\text{E-}006$$

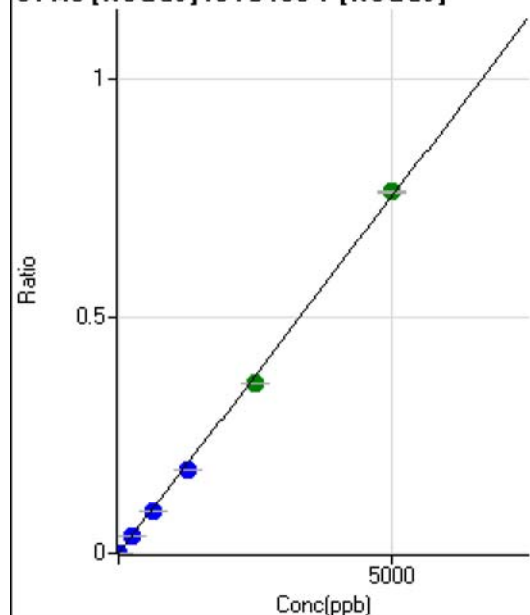
$$R = 0.9997$$

$$DL = 0.005695$$

$$BEC = 0.03301$$

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	22.6
2	☐	5.000	4.601	9670.28	0.0007	P	3.2
3	☐	250.000	238.895	497387.07	0.0360	P	1.0
4	☐	625.000	595.055	1211015.57	0.0896	P	2.7
5	☐	1250.000	1187.257	2358710.34	0.1787	P	0.2
6	☐	2500.000	2391.062	4716119.81	0.3600	A	0.2
7	☐	5000.000	5074.454	9976635.03	0.7639	A	0.6
8	☐			5698.57	0.0004	P	6.3

$$y = 1.5054\text{E-}004 * x + 1.4978\text{E-}005$$

$$R = 0.9996$$

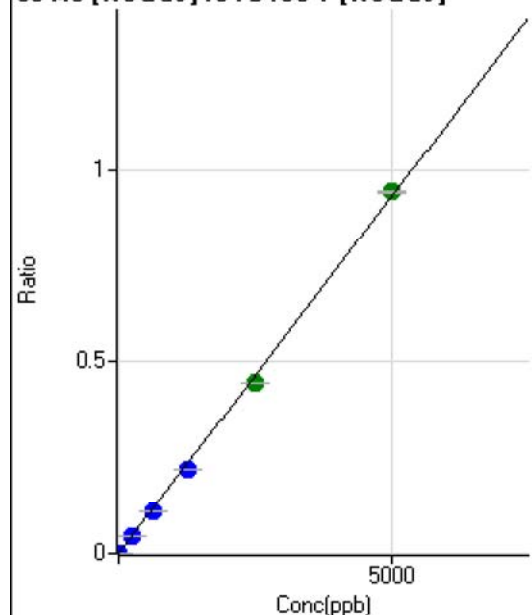
$$DL = 0.06734$$

$$BEC = 0.09949$$

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	30.5
2	☐	5.000	4.801	12258.48	0.0009	P	0.8
3	☐	250.000	238.971	613970.81	0.0444	P	0.2
4	☐	625.000	594.435	1493312.35	0.1105	P	2.1
5	☐	1250.000	1181.251	2896757.87	0.2195	P	0.2
6	☐	2500.000	2392.960	5826128.25	0.4447	A	0.1
7	☐	5000.000	5075.080	12316871.71	0.9431	A	0.7
8	☐			8116.52	0.0006	P	3.1

$$y = 1.8583\text{E-}004 * x + 4.6132\text{E-}006$$

$$R = 0.9996$$

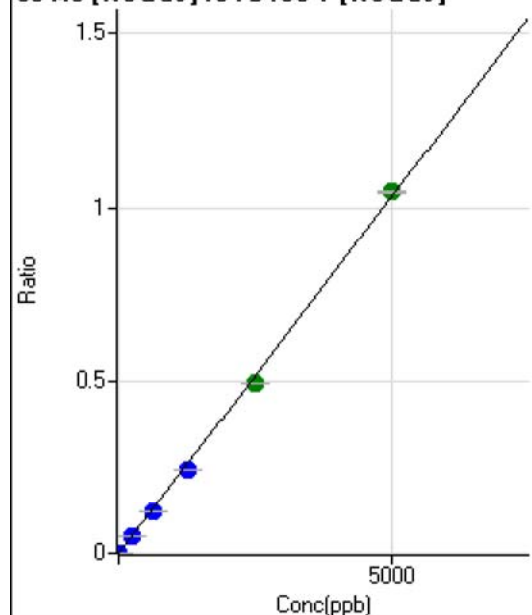
$$DL = 0.02274$$

$$BEC = 0.02482$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD : 89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	11.6
2	☐	5.000	4.700	13326.14	0.0010	P	3.8
3	☐	250.000	238.959	680713.50	0.0492	P	0.7
4	☐	625.000	597.014	1662666.92	0.1230	P	2.7
5	☐	1250.000	1181.133	3211398.34	0.2434	P	0.1
6	☐	2500.000	2391.766	6456331.52	0.4928	A	0.1
7	☐	5000.000	5075.384	13656895.44	1.0457	A	0.2
8	☐			13606.98	0.0011	P	1.7

$$y = 2.0604\text{E-}004 * x + 6.7796\text{E-}006$$

$$R = 0.9996$$

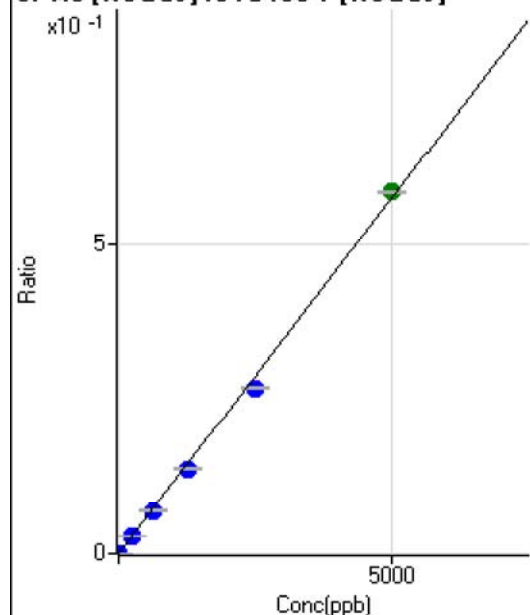
$$DL = 0.01141$$

$$BEC = 0.0329$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	86.7
2	☐	5.000	4.718	7446.66	0.0005	P	5.2
3	☐	250.000	241.391	384154.81	0.0278	P	0.4
4	☐	625.000	604.644	940927.55	0.0696	P	2.1
5	☐	1250.000	1200.295	1823330.94	0.1382	P	0.4
6	☐	2500.000	2335.258	3522003.29	0.2688	P	0.2
7	☐	5000.000	5097.772	7663962.58	0.5868	A	0.2
8	☐			5051.08	0.0004	P	7.7

$$y = 1.1511\text{E-}004 * x + 1.9057\text{E-}006$$

$$R = 0.9992$$

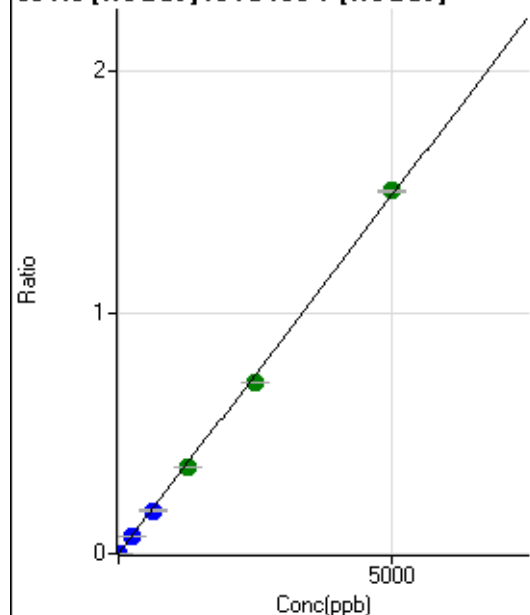
$$DL = 0.04306$$

$$BEC = 0.01655$$

Weight: <None>

Min Conc: 0

98 Mo [NoGas] ISTD:89 Y [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	5.8
2	☐	5.000	4.689	19124.61	0.0014	P	0.6
3	☐	250.000	240.169	986324.05	0.0714	P	0.6
4	☐	625.000	596.598	2395480.93	0.1772	P	2.8
5	☐	1250.000	1206.399	4729091.95	0.3584	A	0.4
6	☐	2500.000	2390.861	9304984.58	0.7102	A	0.3
7	☐	5000.000	5069.512	19667203.22	1.5059	A	0.6
8	☐			12611.60	0.0010	P	1.2

$$y = 2.9706\text{E-}004 * x + 6.1918\text{E-}006$$

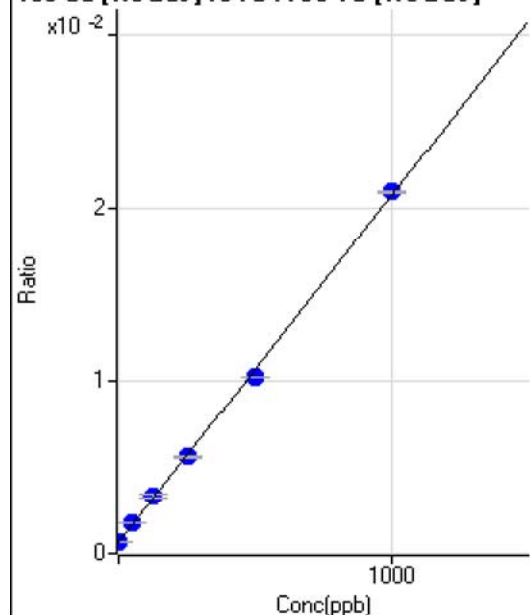
$$R = 0.9996$$

$$DL = 0.003641$$

$$BEC = 0.02084$$

Weight: <None>

Min Conc: 0

106 Cd [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4450.90	0.0006	P	2.8
2	☐	1.000	2.682	4514.82	0.0007	P	4.9
3	☐	50.000	54.966	11527.31	0.0018	P	2.2
4	☐	125.000	131.687	21542.14	0.0033	P	5.9
5	☐	250.000	247.215	37467.17	0.0056	P	1.5
6	☐	500.000	476.024	68879.53	0.0102	P	0.5
7	☐	1000.000	1011.598	142226.67	0.0209	P	0.3
8	☐			4078.53	0.0006	P	4.1

$$y = 2.0062\text{E-}005 * x + 6.4802\text{E-}004$$

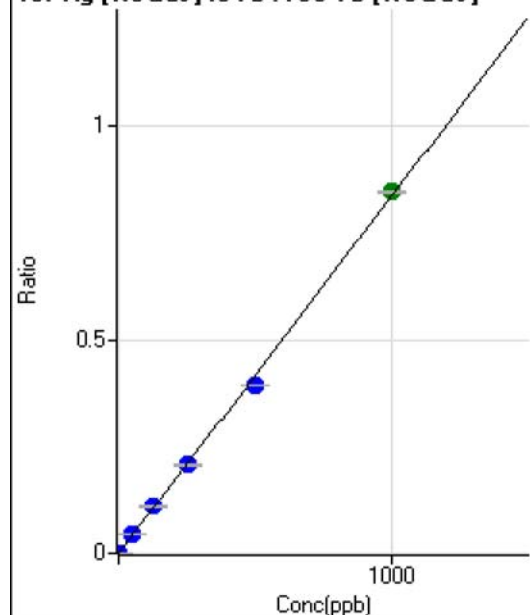
$$R = 0.9995$$

$$DL = 2.722$$

$$BEC = 32.3$$

Weight: <None>

Min Conc: 0

107 Ag [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.1
2	☐	1.000	1.090	5923.71	0.0009	P	4.4
3	☐	50.000	54.294	298635.36	0.0454	P	0.4
4	☐	125.000	132.726	726400.01	0.1109	P	3.4
5	☐	250.000	250.122	1395968.56	0.2089	P	0.8
6	☐	500.000	471.262	2658714.73	0.3937	P	0.3
7	☐	1000.000	1013.158	5747321.92	0.8463	A	0.7
8	☐			988.96	0.0002	P	9.2

$$y = 8.3530\text{E-}004 * x + 9.6935\text{E-}006$$

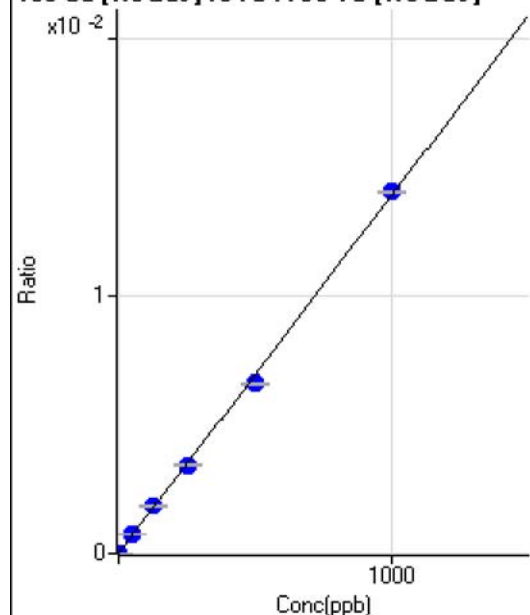
$$R = 0.9993$$

$$DL = 0.00733$$

$$BEC = 0.0116$$

Weight: <None>

Min Conc: 0

108 Cd [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.94	0.0000	P	33.1
2	☐	1.000	1.196	113.89	0.0000	P	16.5
3	☐	50.000	54.683	5027.37	0.0008	P	3.9
4	☐	125.000	132.474	12105.34	0.0018	P	4.9
5	☐	250.000	248.783	23184.53	0.0035	P	2.5
6	☐	500.000	476.535	44886.20	0.0066	P	1.1
7	☐	1000.000	1010.868	95734.69	0.0141	P	0.3
8	☐			38.89	0.0000	P	27.8

$$y = 1.3944\text{E-}005 * x + 1.0058\text{E-}006$$

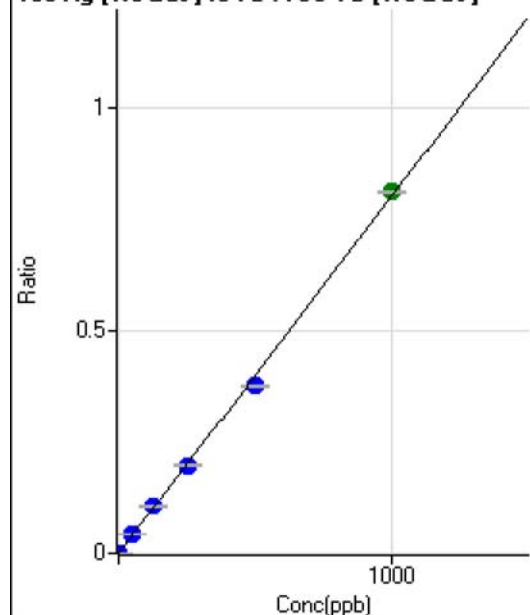
$$R = 0.9995$$

$$DL = 0.07159$$

$$BEC = 0.07213$$

Weight: <None>

Min Conc: 0

109 Ag [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	55.3
2	☐	1.000	1.097	5704.18	0.0009	P	3.7
3	☐	50.000	53.809	284580.39	0.0432	P	1.1
4	☐	125.000	131.848	693653.88	0.1059	P	4.5
5	☐	250.000	248.924	1335890.68	0.1999	P	1.5
6	☐	500.000	471.280	2556666.99	0.3785	P	0.6
7	☐	1000.000	1013.582	5528877.68	0.8141	A	0.4
8	☐			911.18	0.0001	P	8.4

$$y = 8.0322\text{E-}004 * x + 5.6702\text{E-}006$$

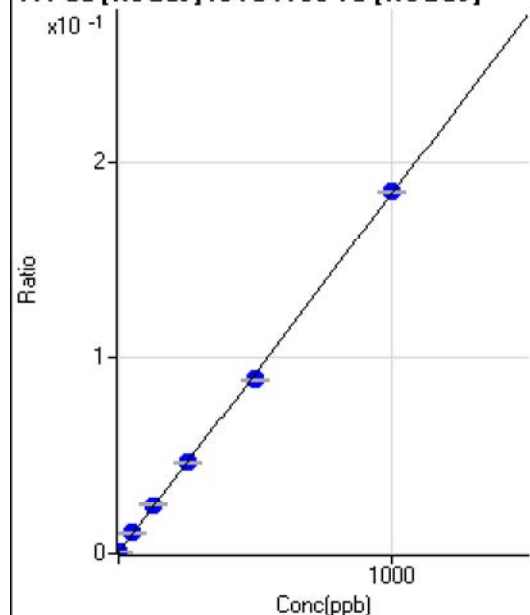
$$R = 0.9993$$

$$DL = 0.01171$$

$$BEC = 0.007059$$

Weight: <None>

Min Conc: 0

111 Cd [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3126.05	0.0005	P	2.9
2	☐	1.000	1.169	4302.95	0.0007	P	4.0
3	☐	50.000	53.773	67725.10	0.0103	P	1.1
4	☐	125.000	132.577	161740.27	0.0247	P	4.7
5	☐	250.000	252.253	311196.05	0.0466	P	1.1
6	☐	500.000	482.209	598553.37	0.0886	P	0.5
7	☐	1000.000	1007.196	1253728.22	0.1846	P	0.5
8	☐			3056.92	0.0005	P	4.0

$$y = 1.8284E-004 * x + 4.5514E-004$$

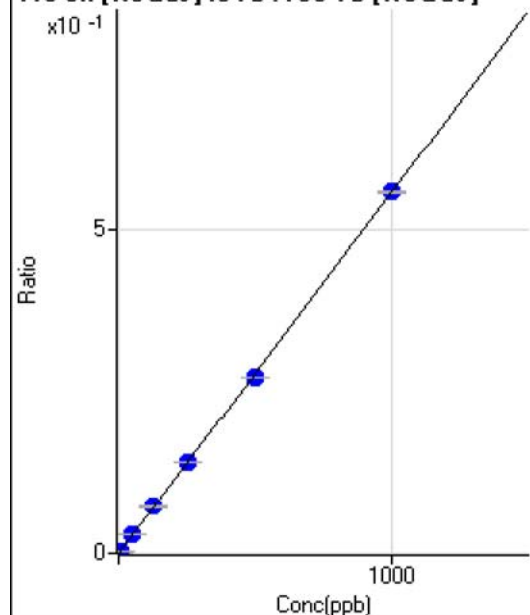
$$R = 0.9997$$

$$DL = 0.2194$$

$$BEC = 2.489$$

Weight: <None>

Min Conc: 0

118 Sn [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	461.14	0.0001	P	22.0
2	☐	5.000	5.478	20014.87	0.0031	P	2.4
3	☐	50.000	53.184	195014.20	0.0296	P	0.7
4	☐	125.000	130.945	477125.15	0.0728	P	3.6
5	☐	250.000	253.647	942167.73	0.1410	P	1.0
6	☐	500.000	490.850	1842633.74	0.2728	P	0.2
7	☐	1000.000	1002.758	3784596.31	0.5573	P	0.3
8	☐			2530.92	0.0004	P	5.2

$$y = 5.5568E-004 * x + 6.7060E-005$$

$$R = 0.9999$$

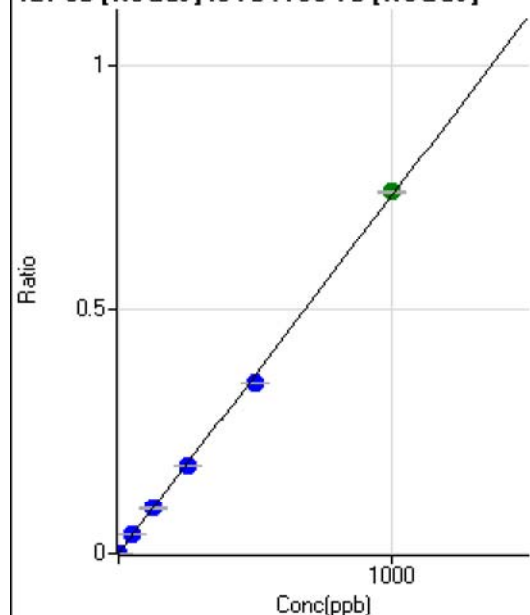
$$DL = 0.07972$$

$$BEC = 0.1207$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD:159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	112.23	0.0000	P	18.7
2	☐	2.000	1.882	8984.10	0.0014	P	2.7
3	☐	50.000	51.561	248908.56	0.0378	P	0.6
4	☐	125.000	128.087	615123.74	0.0939	P	3.8
5	☐	250.000	246.680	1208139.27	0.1808	P	0.9
6	☐	500.000	475.655	2354836.67	0.3487	P	0.2
7	☐	1000.000	1012.539	5040239.10	0.7422	A	0.3
8	☐			6873.02	0.0011	P	2.3

$$y = 7.3297\text{E-}004 * x + 1.6390\text{E-}005$$

$$R = 0.9995$$

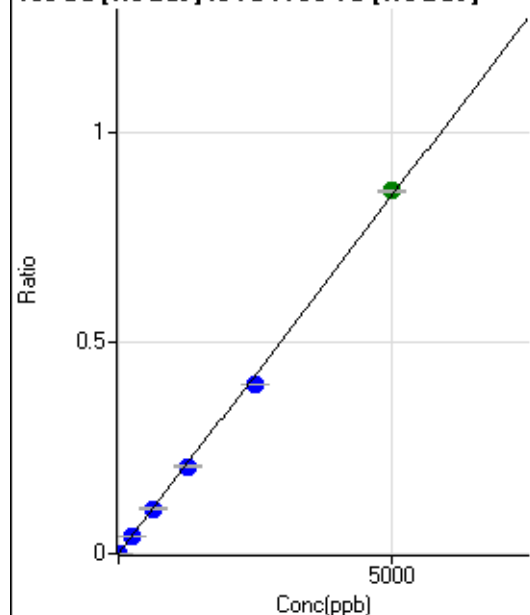
$$DL = 0.01255$$

$$BEC = 0.02236$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD:159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	51.3
2	☐	10.000	10.577	11566.34	0.0018	P	3.8
3	☐	250.000	254.432	284318.06	0.0432	P	0.2
4	☐	625.000	628.190	698352.72	0.1066	P	4.3
5	☐	1250.000	1221.506	1385168.82	0.2073	P	0.8
6	☐	2500.000	2362.279	2707841.55	0.4009	P	0.7
7	☐	5000.000	5075.363	5849930.17	0.8614	A	0.4
8	☐			1236.22	0.0002	P	1.5

$$y = 1.6972\text{E-}004 * x + 2.8631\text{E-}006$$

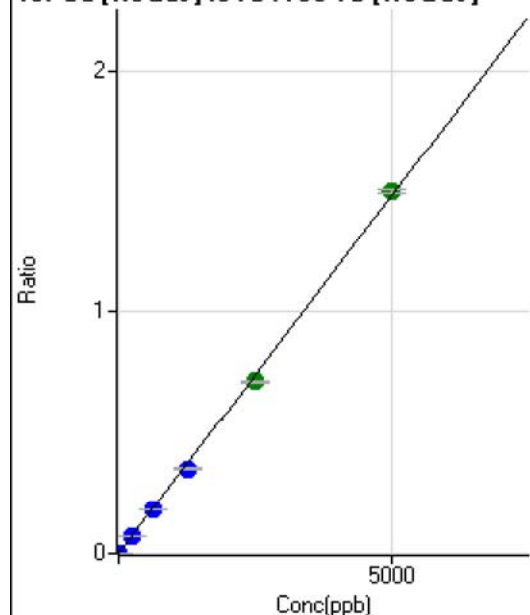
$$R = 0.9994$$

$$DL = 0.02599$$

$$BEC = 0.01687$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	59.2
2	☐	10.000	10.167	19433.80	0.0030	P	2.6
3	☐	250.000	248.701	485881.25	0.0738	P	0.1
4	☐	625.000	617.609	1200565.45	0.1833	P	3.9
5	☐	1250.000	1192.849	2364965.55	0.3540	P	0.6
6	☐	2500.000	2403.693	4817293.94	0.7133	A	0.7
7	☐	5000.000	5063.430	10203731.30	1.5025	A	1.0
8	☐			1989.11	0.0003	P	6.0

$$y = 2.9674E-004 * x + 3.2781E-006$$

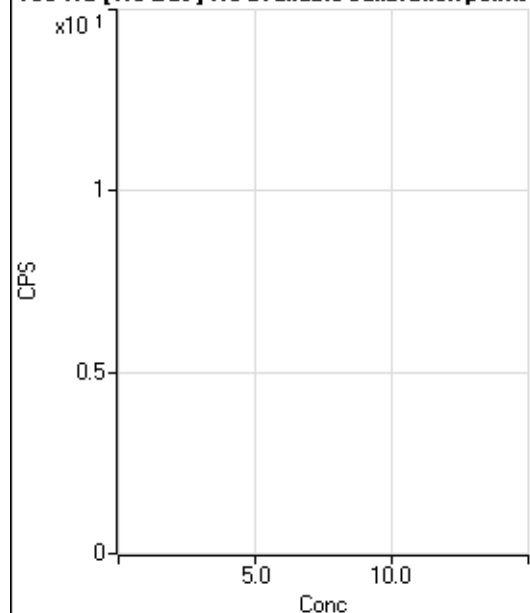
$$R = 0.9996$$

$$DL = 0.01962$$

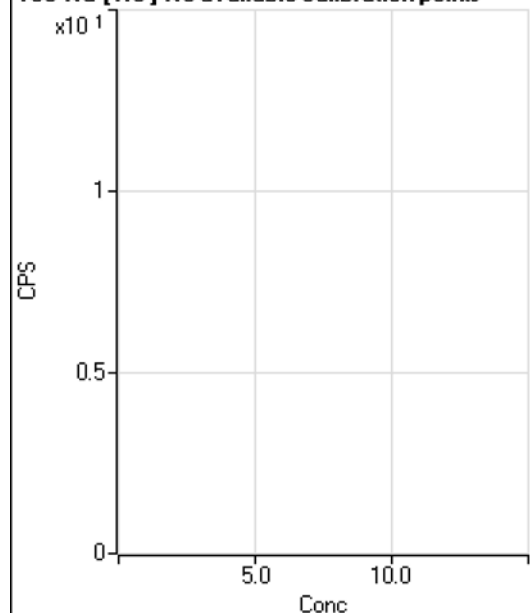
$$BEC = 0.01105$$

Weight: <None>

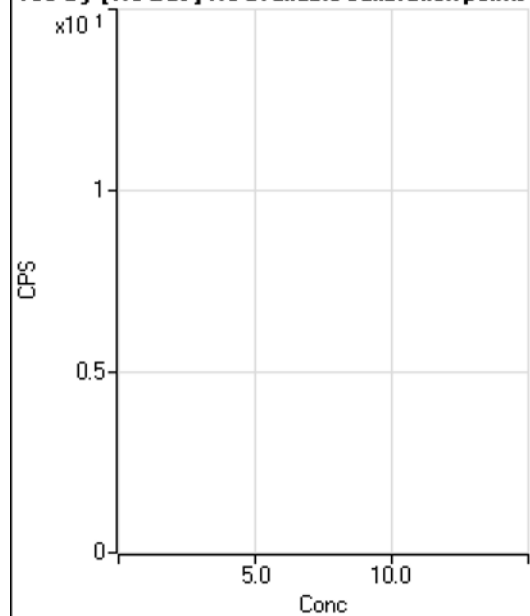
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

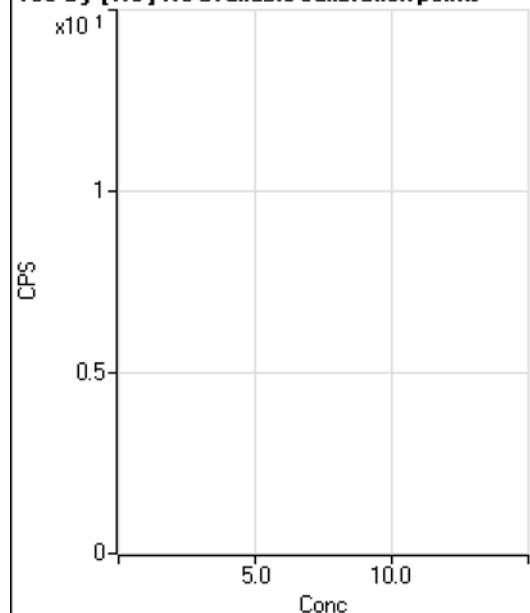
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			4.44		P	173.
3	☐			28.89		P	70.5
4	☐			62.22		P	37.6
5	☐			108.89		P	12.7
6	☐			213.34		P	0.0
7	☐			502.25		P	17.3
8	☐			86.67		P	20.4

150 Nd [He] No available calibration points

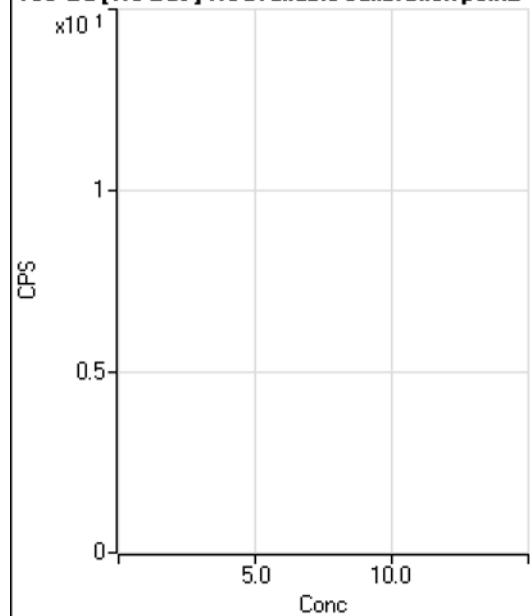
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			7.78		P	49.5
3	☐			3.33		P	100.
4	☐			5.56		P	91.6
5	☐			15.55		P	24.8
6	☐			33.33		P	36.1
7	☐			53.33		P	16.5
8	☐			44.44		P	26.3

156 Dy [No Gas] No available calibration points

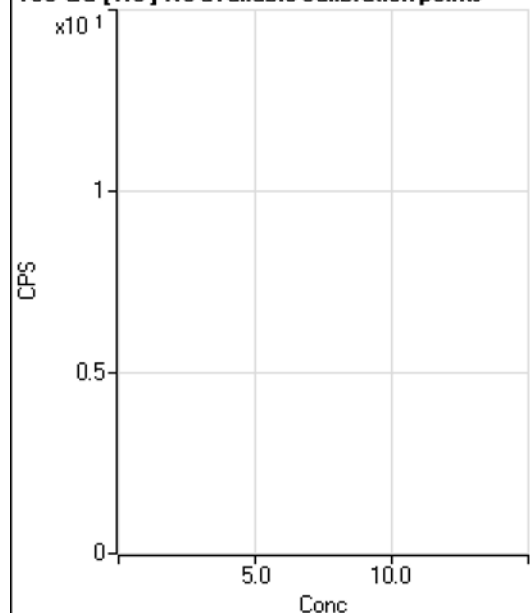
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			2.78		P	173.
3	☐			16.67		P	NaN
4	☐			27.78		P	62.5
5	☐			22.22		P	21.6
6	☐			38.89		P	32.7
7	☐			80.56		P	26.0
8	☐			55.56		P	37.8

156 Dy [He] No available calibration points

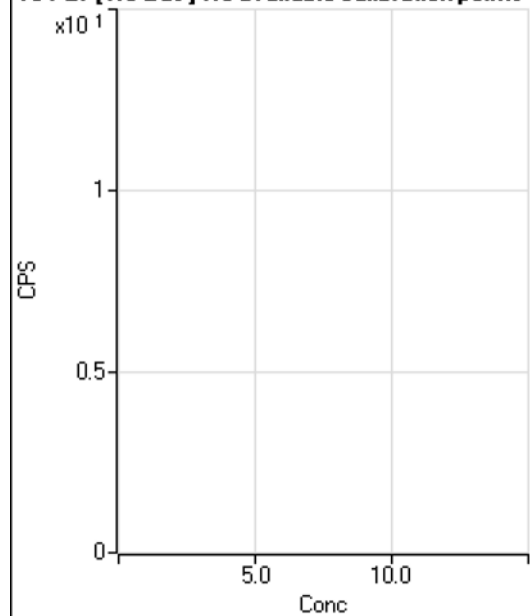
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			22.22		P	60.6
3	☐			21.11		P	39.7
4	☐			27.78		P	34.6
5	☐			45.56		P	11.2
6	☐			47.78		P	38.4
7	☐			113.34		P	31.1
8	☐			25.55		P	15.1

160 Gd [No Gas] No available calibration poin_

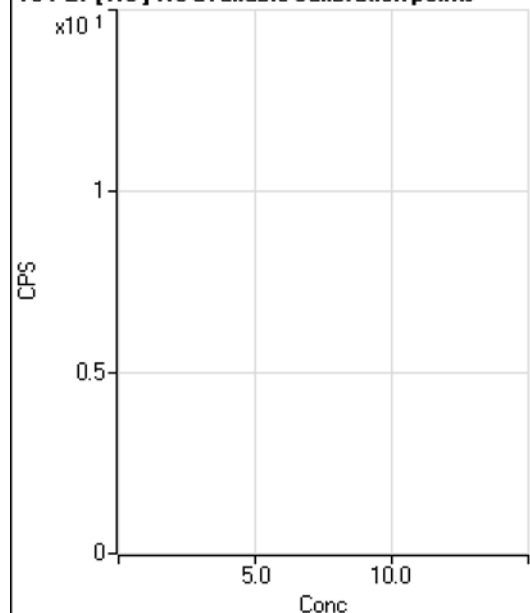
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			52.78		P	32.9
3	☐			41.67		P	34.6
4	☐			52.78		P	24.1
5	☐			50.00		P	28.9
6	☐			27.78		P	62.5
7	☐			36.11		P	53.3
8	☐			58.34		P	85.7

160 Gd [He] No available calibration points

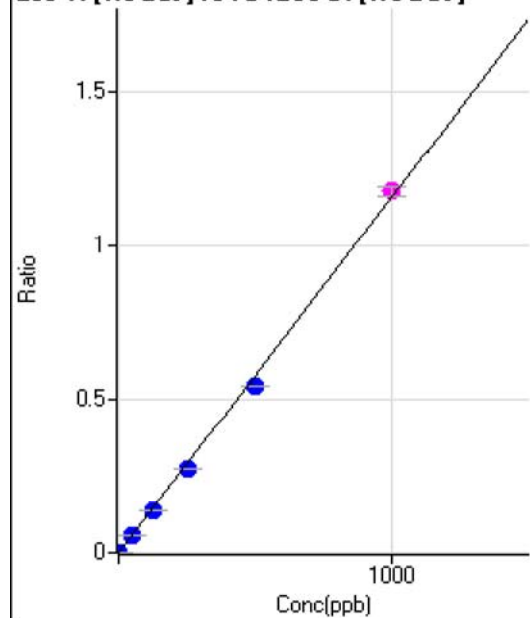
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	14.2
2	☐			151.11		P	8.4
3	☐			127.78		P	6.6
4	☐			115.56		P	15.9
5	☐			140.00		P	2.4
6	☐			134.45		P	10.0
7	☐			134.45		P	18.8
8	☐			125.56		P	26.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	66.7
2	☐			25.00		P	57.7
3	☐			30.55		P	15.7
4	☐			22.22		P	43.3
5	☐			33.33		P	25.0
6	☐			52.78		P	63.8
7	☐			36.11		P	53.3
8	☐			44.44		P	60.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	42.3
2	☐			26.67		P	45.1
3	☐			36.67		P	24.0
4	☐			36.67		P	31.5
5	☐			43.33		P	7.7
6	☐			36.67		P	32.8
7	☐			41.11		P	26.1
8	☐			40.00		P	22.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.57	0.0001	P	16.3
2	☐	1.000	0.893	3989.67	0.0011	P	3.2
3	☐	50.000	47.801	201304.35	0.0553	P	0.6
4	☐	125.000	119.514	509298.68	0.1382	P	3.0
5	☐	250.000	238.639	1028497.30	0.2758	P	0.6
6	☐	500.000	468.933	2023503.32	0.5418	P	0.5
7	☐	1000.000	1019.170	4319246.58	1.1775	M	2.9
8	☐			1652.96	0.0005	P	2.3

$$y = 0.0012 * x + 8.8444E-005$$

$$R = 0.9992$$

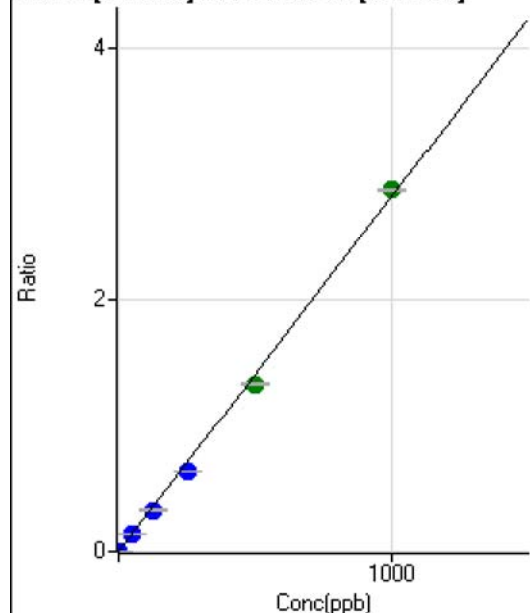
$$DL = 0.03752$$

$$BEC = 0.07656$$

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	488.92	0.0001	P	14.2
2	☐	1.000	0.943	9948.58	0.0028	P	4.5
3	☐	50.000	46.470	477852.64	0.1313	P	0.1
4	☐	125.000	115.173	1198877.24	0.3252	P	2.6
5	☐	250.000	228.801	2408909.91	0.6459	P	0.6
6	☐	500.000	472.753	4983560.09	1.3344	A	0.5
7	☐	1000.000	1020.328	10563352.06	2.8799	A	0.4
8	☐			3453.39	0.0011	P	7.8

$$y = 0.0028 * x + 1.3133E-004$$

$$R = 0.9992$$

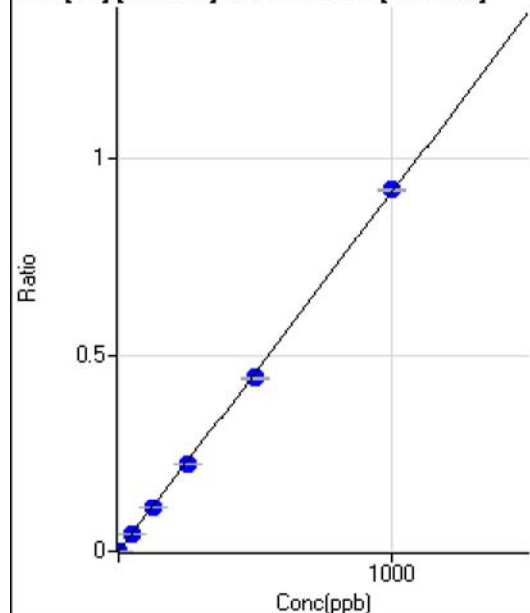
$$DL = 0.01984$$

$$BEC = 0.04653$$

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	475.95	0.0001	P	9.9
2	☐	1.000	0.994	3689.51	0.0010	P	2.1
3	☐	50.000	49.035	163463.29	0.0449	P	0.3
4	☐	125.000	122.557	413129.41	0.1121	P	2.5
5	☐	250.000	245.656	837250.31	0.2245	P	0.5
6	☐	500.000	485.447	1656256.98	0.4435	P	0.9
7	☐	1000.000	1008.716	3379618.97	0.9214	P	0.6
8	☐			3041.18	0.0009	P	4.5

$$y = 9.1330E-004 * x + 1.2793E-004$$

$$R = 0.9998$$

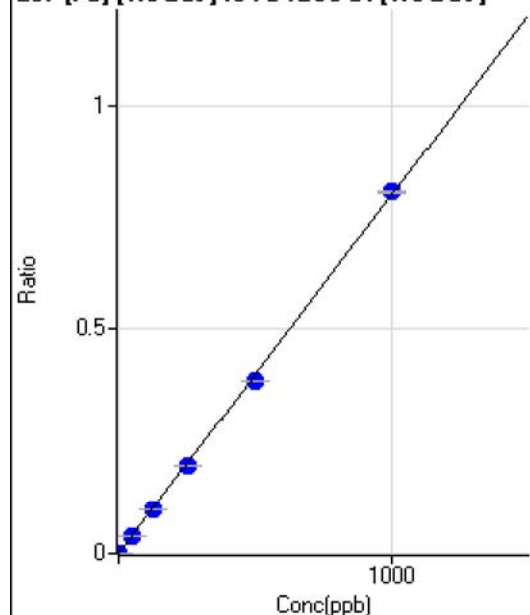
$$DL = 0.0414$$

$$BEC = 0.1401$$

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	483.36	0.0001	P	1.4
2	☐	1.000	0.988	3278.27	0.0009	P	4.3
3	☐	50.000	48.863	142931.84	0.0393	P	0.6
4	☐	125.000	122.337	361753.62	0.0981	P	2.9
5	☐	250.000	245.259	733233.72	0.1966	P	0.1
6	☐	500.000	482.494	1443941.19	0.3866	P	0.1
7	☐	1000.000	1010.328	2969118.90	0.8095	P	0.3
8	☐			2724.43	0.0008	P	3.2

$$y = 8.0107\text{E-}004 * x + 1.2921\text{E-}004$$

$$R = 0.9998$$

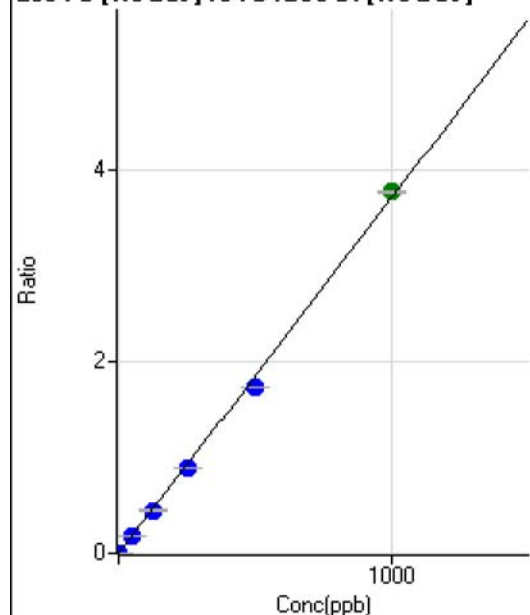
$$DL = 0.007008$$

$$BEC = 0.1613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1648.24	0.0004	P	1.8
2	☐	1.000	0.970	14394.14	0.0040	P	2.7
3	☐	50.000	48.311	654457.08	0.1798	P	0.3
4	☐	125.000	120.540	1651539.21	0.4480	P	2.7
5	☐	250.000	240.537	3332443.68	0.8935	P	0.2
6	☐	500.000	470.924	6531420.59	1.7489	P	0.2
7	☐	1000.000	1017.546	13859027.74	3.7784	A	0.4
8	☐			12046.88	0.0037	P	2.7

$$y = 0.0037 * x + 4.4130\text{E-}004$$

$$R = 0.9993$$

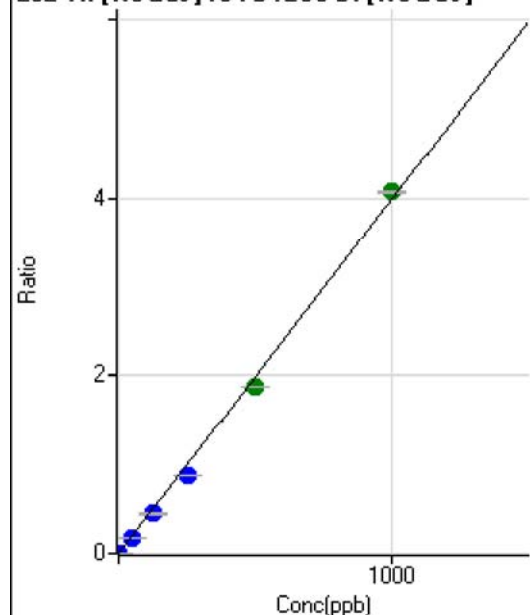
$$DL = 0.006537$$

$$BEC = 0.1189$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1290.84	0.0003	P	5.5
2	☐	1.000	0.817	12828.82	0.0036	P	1.9
3	☐	50.000	44.174	642023.11	0.1764	P	0.1
4	☐	125.000	111.512	1639755.00	0.4448	P	2.3
5	☐	250.000	224.128	3332616.71	0.8936	P	0.2
6	☐	500.000	470.107	6998233.37	1.8739	A	0.4
7	☐	1000.000	1023.392	14961149.18	4.0789	A	0.4
8	☐			5505.05	0.0017	P	7.0

$$y = 0.0040 * x + 3.4627E-004$$

$$R = 0.9990$$

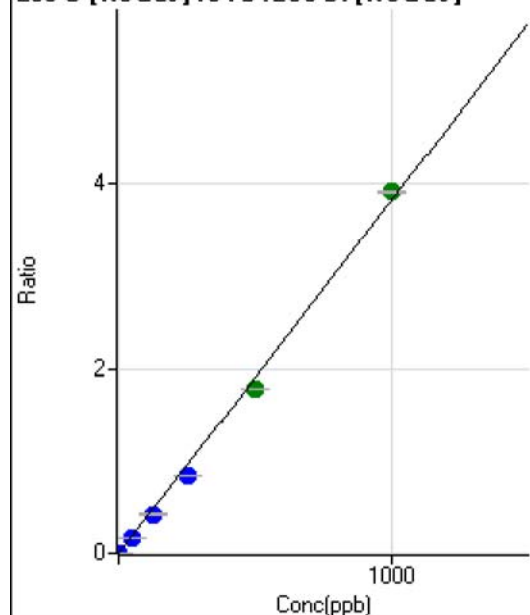
$$DL = 0.01438$$

$$BEC = 0.08689$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1761.31	0.0005	P	5.3
2	☐	1.000	0.844	13143.35	0.0037	P	4.7
3	☐	50.000	43.436	605201.19	0.1663	P	0.7
4	☐	125.000	110.477	1556549.20	0.4222	P	2.4
5	☐	250.000	222.714	3172432.99	0.8506	P	0.6
6	☐	500.000	467.257	6663115.21	1.7841	A	1.0
7	☐	1000.000	1025.337	14358072.11	3.9145	A	0.4
8	☐			3489.51	0.0011	P	4.1

$$y = 0.0038 * x + 4.7003E-004$$

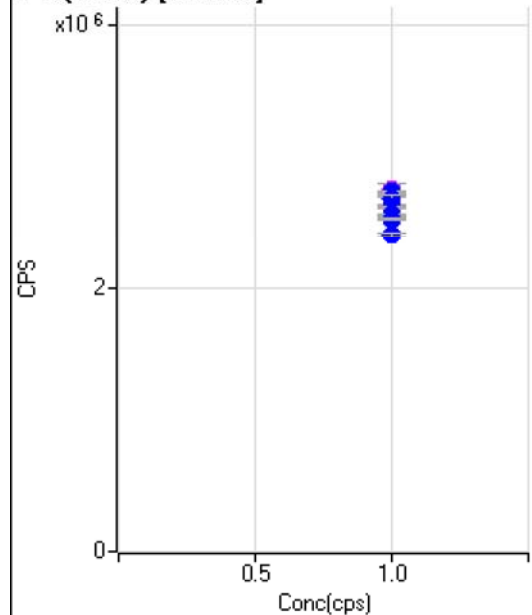
$$R = 0.9988$$

$$DL = 0.01966$$

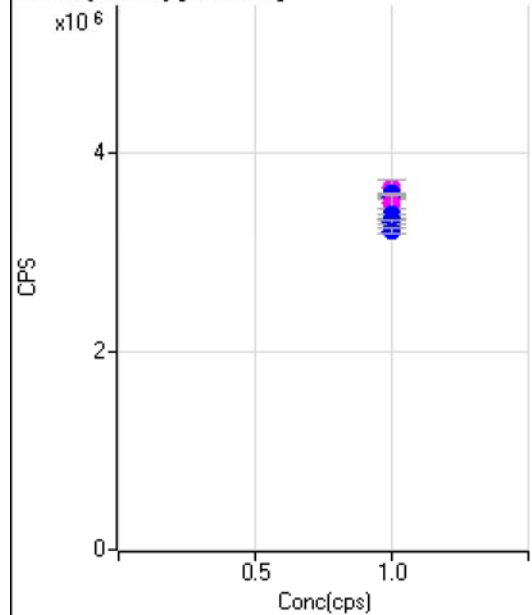
$$BEC = 0.1231$$

Weight: <None>

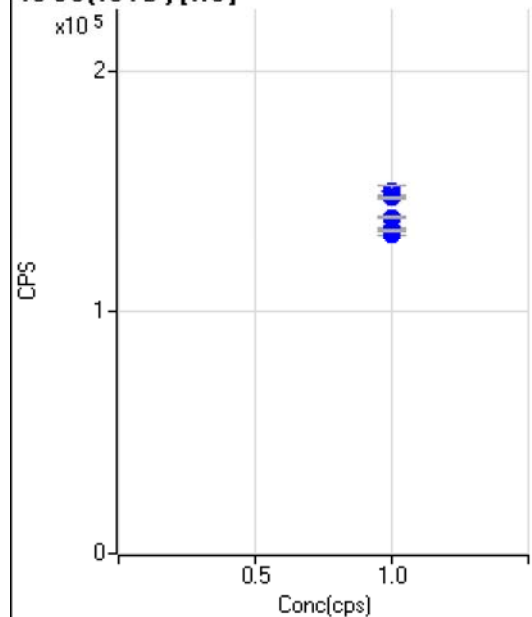
Min Conc: 0

6 Li(ISTD) [No Gas]

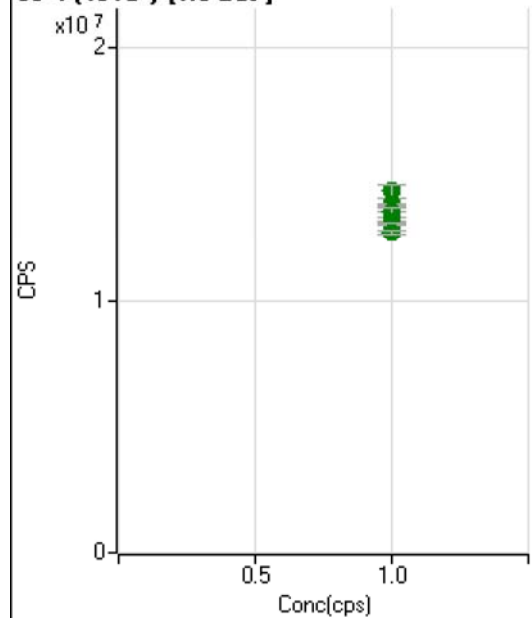
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2752682.74		M	3.3
2	☐	1.000		2704824.56		P	0.8
3	☐	1.000		2737067.41		P	0.9
4	☐	1.000		2679037.70		P	3.0
5	☐	1.000		2622674.46		P	0.3
6	☐	1.000		2561764.17		P	0.2
7	☐	1.000		2529820.32		P	0.6
8	☐	1.000		2405714.54		P	1.1

45 Sc(ISTD) [No Gas]

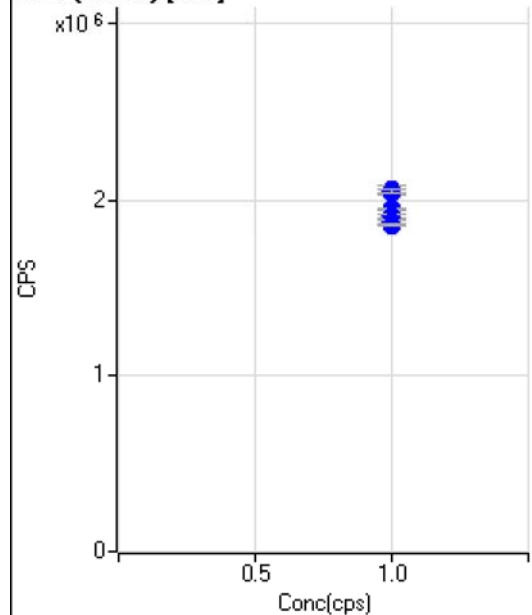
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3647699.65		M	5.0
2	☐	1.000		3565402.21		P	1.1
3	☐	1.000		3589907.24		P	0.7
4	☐	1.000		3506085.30		M	3.7
5	☐	1.000		3381571.39		P	0.4
6	☐	1.000		3332549.86		P	0.6
7	☐	1.000		3309260.77		P	0.9
8	☐	1.000		3218011.33		P	1.3

45 Sc(ISTD) [He]

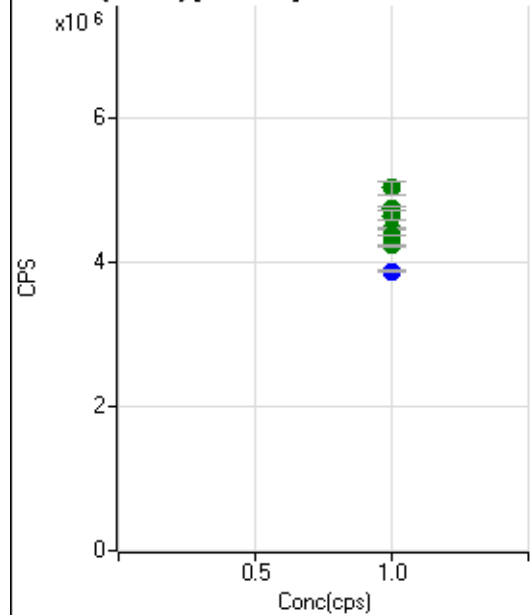
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		150049.28		P	3.2
2	☐	1.000		148271.75		P	0.2
3	☐	1.000		147539.88		P	0.7
4	☐	1.000		139446.53		P	0.9
5	☐	1.000		133760.40		P	0.3
6	☐	1.000		134389.65		P	0.8
7	☐	1.000		132176.39		P	0.3
8	☐	1.000		133756.04		P	0.7

89 Y(ISTD) [No Gas]

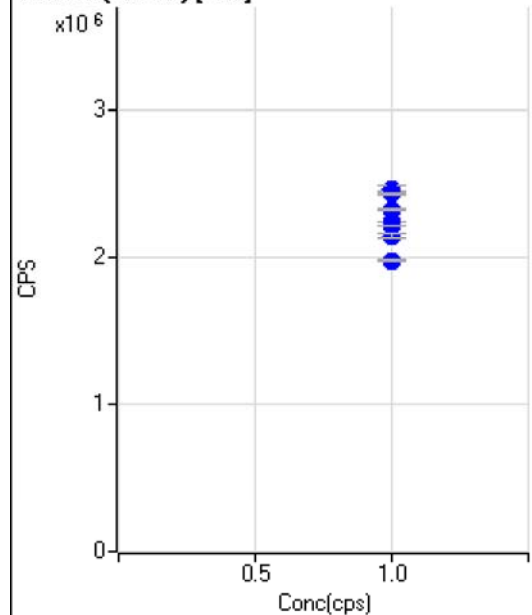
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14365685.90		A	3.9
2	☐	1.000		13668644.38		A	1.3
3	☐	1.000		13823981.18		A	0.7
4	☐	1.000		13523691.74		A	3.0
5	☐	1.000		13195934.11		A	0.2
6	☐	1.000		13101461.61		A	0.4
7	☐	1.000		13059887.72		A	0.5
8	☐	1.000		12732076.20		A	1.1

89 Y (ISTD) [He]

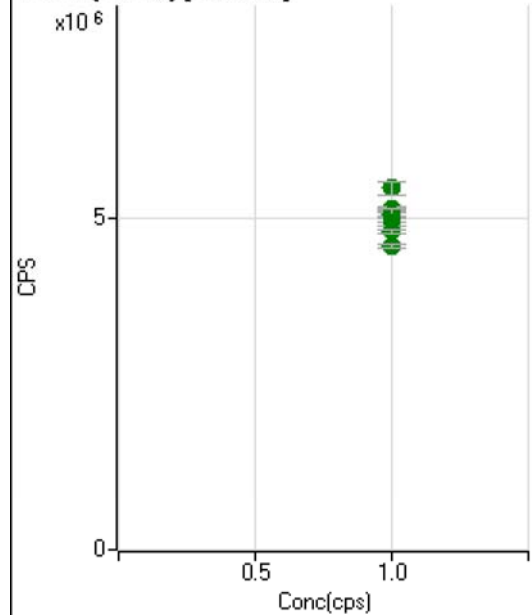
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2061776.34		P	3.0
2	☐	1.000		2039603.55		P	0.8
3	☐	1.000		2050213.03		P	1.0
4	☐	1.000		1954864.12		P	0.6
5	☐	1.000		1904179.52		P	0.2
6	☐	1.000		1909749.42		P	1.0
7	☐	1.000		1876685.00		P	1.2
8	☐	1.000		1860824.56		P	0.5

103 Rh (ISTD) [NoGas]

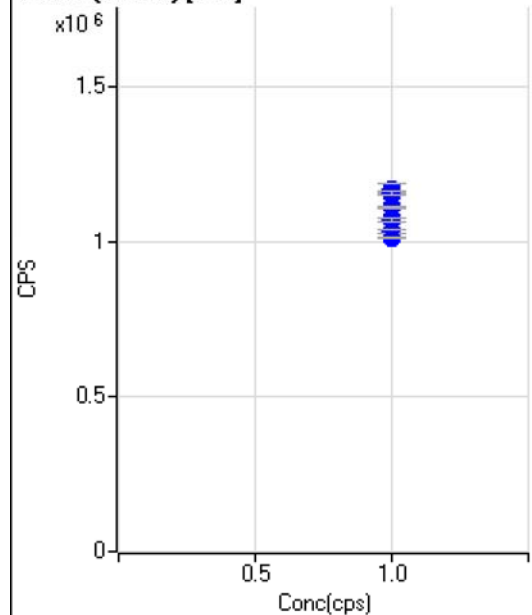
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5041796.94		A	3.7
2	☐	1.000		4754467.30		A	0.7
3	☐	1.000		4758720.42		A	0.8
4	☐	1.000		4656503.62		A	3.1
5	☐	1.000		4474315.51		A	0.6
6	☐	1.000		4378951.70		A	0.2
7	☐	1.000		4241663.29		A	0.7
8	☐	1.000		3887815.67		P	0.9

103 Rh(ISTD) [He]

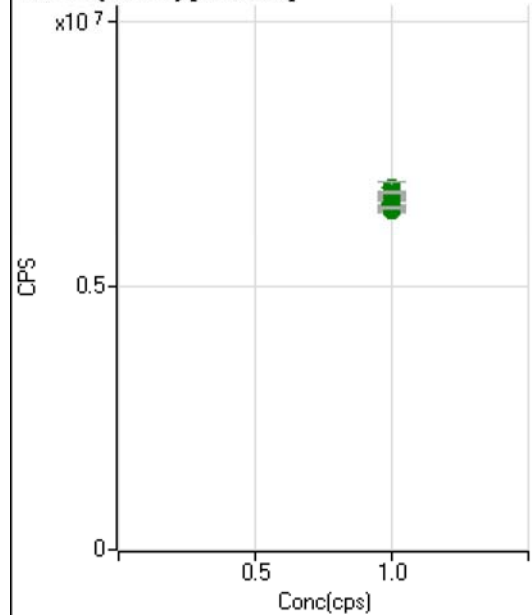
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2460734.30		P	2.5
2	☐	1.000		2439254.74		P	0.7
3	☐	1.000		2433442.15		P	0.7
4	☐	1.000		2324597.73		P	0.8
5	☐	1.000		2242387.47		P	0.4
6	☐	1.000		2217128.09		P	0.6
7	☐	1.000		2143813.30		P	1.4
8	☐	1.000		1973521.36		P	0.7

115 In(ISTD) [NoGas]

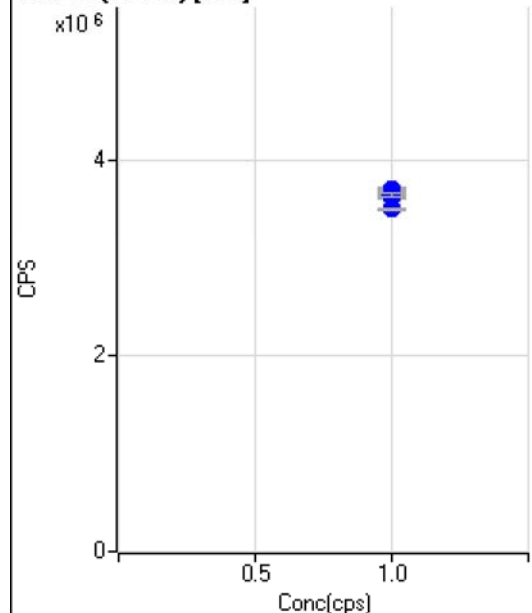
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5463047.85		A	3.8
2	☐	1.000		5076247.89		A	1.1
3	☐	1.000		5141114.26		A	1.1
4	☐	1.000		5068944.62		A	2.8
5	☐	1.000		4949176.29		A	0.2
6	☐	1.000		4891173.37		A	0.4
7	☐	1.000		4805445.21		A	0.7
8	☐	1.000		4574328.46		A	1.1

115 In(ISTD) [He]

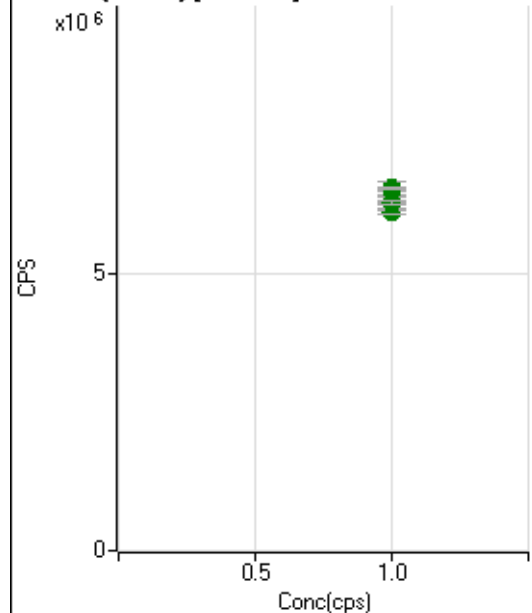
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1171488.78		P	3.1
2	☐	1.000		1157037.30		P	0.7
3	☐	1.000		1160400.31		P	0.9
4	☐	1.000		1114656.67		P	0.3
5	☐	1.000		1079289.27		P	0.2
6	☐	1.000		1075116.06		P	0.9
7	☐	1.000		1037106.70		P	1.5
8	☐	1.000		1013111.66		P	0.7

159 Tb(ISTD) [NoGas]

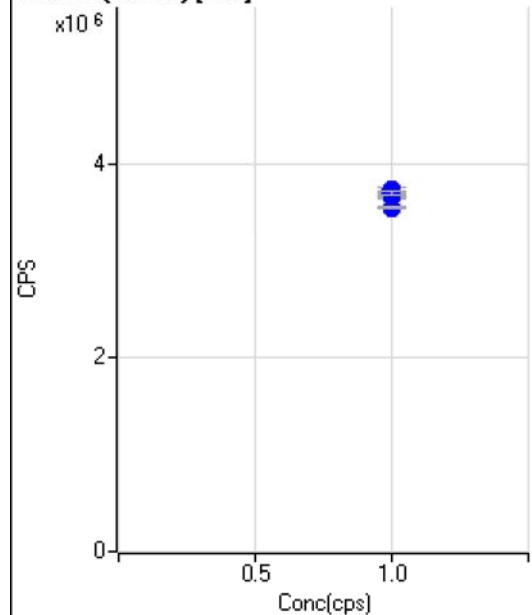
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6872211.70		A	3.5
2	☐	1.000		6434607.40		A	0.9
3	☐	1.000		6583620.11		A	1.0
4	☐	1.000		6557582.20		A	4.1
5	☐	1.000		6681463.58		A	0.5
6	☐	1.000		6753998.23		A	0.7
7	☐	1.000		6791148.23		A	0.3
8	☐	1.000		6498546.22		A	1.0

159 Tb(ISTD) [He]

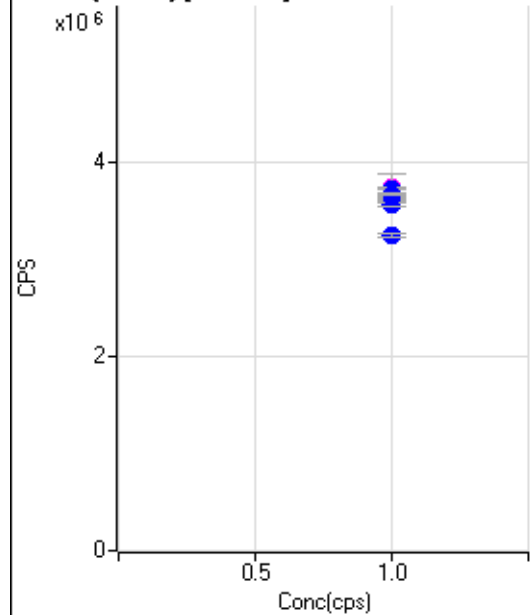
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3661993.87		P	3.2
2	☐	1.000		3637003.56		P	0.8
3	☐	1.000		3692247.55		P	0.8
4	☐	1.000		3626436.61		P	0.3
5	☐	1.000		3620117.55		P	0.5
6	☐	1.000		3665478.07		P	0.8
7	☐	1.000		3639804.01		P	1.2
8	☐	1.000		3499729.22		P	0.5

165 Ho(ISTD) [NoGas]

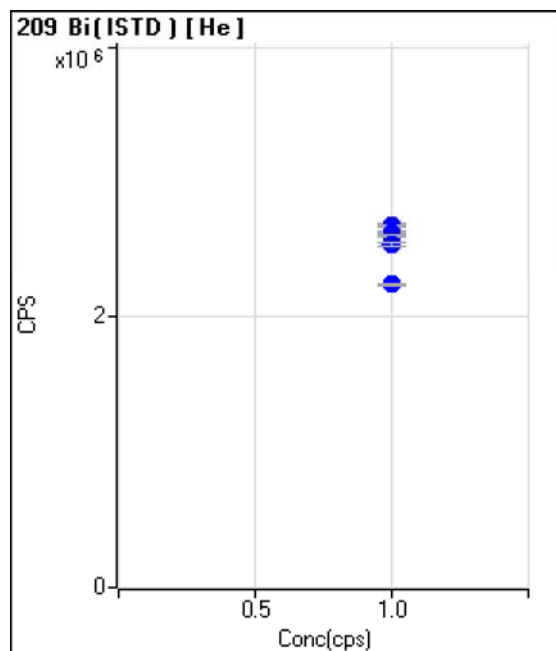
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6543884.87		A	3.7
2	☐	1.000		6117591.06		A	1.1
3	☐	1.000		6260212.86		A	0.9
4	☐	1.000		6285303.92		A	4.1
5	☐	1.000		6393443.29		A	0.9
6	☐	1.000		6494373.71		A	0.4
7	☐	1.000		6532816.55		A	0.5
8	☐	1.000		6287389.72		A	0.9

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3695979.25		P	3.4
2	☐	1.000		3652956.92		P	0.7
3	☐	1.000		3730298.69		P	1.1
4	☐	1.000		3671771.89		P	0.4
5	☐	1.000		3665402.86		P	0.2
6	☐	1.000		3709876.99		P	0.6
7	☐	1.000		3696314.46		P	1.0
8	☐	1.000		3547105.99		P	0.5

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3738195.95		M	7.5
2	☐	1.000		3561733.49		P	1.0
3	☐	1.000		3639717.24		P	1.2
4	☐	1.000		3688299.46		P	2.6
5	☐	1.000		3729588.14		P	0.6
6	☐	1.000		3734601.44		P	0.4
7	☐	1.000		3667981.34		P	0.5
8	☐	1.000		3257643.63		P	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2669578.43		P	2.5
2	☐	1.000		2627343.26		P	1.1
3	☐	1.000		2681058.88		P	0.7
4	☐	1.000		2631801.47		P	0.6
5	☐	1.000		2614678.97		P	0.4
6	☐	1.000		2608078.34		P	0.6
7	☐	1.000		2542742.50		P	1.3
8	☐	1.000		2244858.77		P	0.6

US EPA Tune Check Sample Report

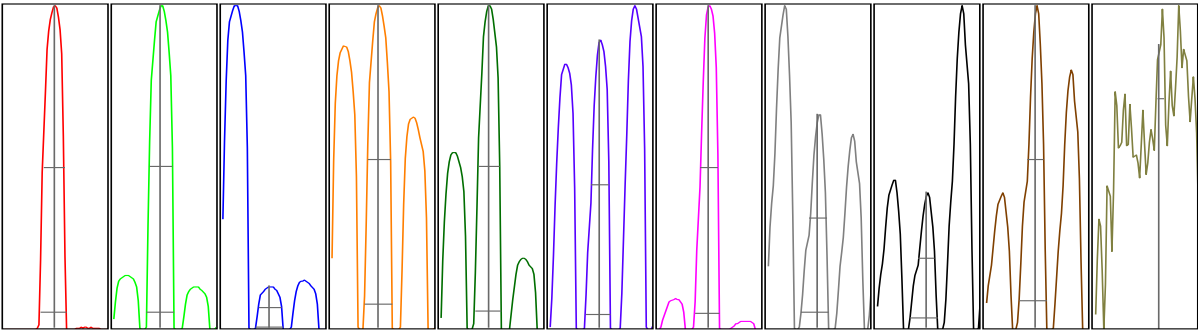
Batch Folder D:\ICP-MS Data\P7081019IMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6674	0.87	5.00	
24	185937	0.56	5.00	
25	24598	0.99	5.00	
26	27695	0.94	5.00	
59	43068	1.15	5.00	
113	5615	1.42	5.00	
115	66068	1.30	5.00	
206	13008	0.66	5.00	
207	12031	0.70	5.00	
208	28069	0.81	5.00	
220	74	2.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6709	6724	6681	6679	6576
24	186782	186807	186114	185727	184254
25	24872	24833	24485	24494	24305
26	27870	27950	27675	27703	27278
59	43544	43607	42872	42862	42456
113	5681	5694	5636	5553	5513
115	66947	66861	66064	65516	64952
206	13130	13050	12998	12926	12933
207	12094	12114	12029	12019	11900
208	28387	28074	28135	27987	27763
220	75	75	75	74	71

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11324	9.00	8.9 - 9.1		0.780	0.900	
24	290662	23.90	23.9 - 24.1		0.788	0.900	
25	38481	24.90	24.9 - 25.1		0.788	0.900	
26	44015	25.90	25.9 - 26.1		0.806	0.900	
59	72005	58.95	58.9 - 59.1		0.781	0.900	
113	10671	113.00	112.9 - 113.1		0.726	0.900	
115	126724	115.00	114.9 - 115.1		0.718	0.900	
206	26017	206.00	205.9 - 206.1		0.784	0.900	
207	23721	207.00	206.9 - 207.1		0.783	0.900	
208	56228	208.00	207.9 - 208.1		0.786	0.900	
220	78	220.40	-				

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	6.6	V	Deflect	14.4	V
Extract 2	-75.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-42	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	140	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10348	0.69	
89	21329	0.38	
205	14167	0.56	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10293	10408	10430	10342	10265
89	21287	21335	21467	21291	21263
205	14152	14169	14291	14150	14072

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	7.6	V	Deflect	1.8	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-45	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	200	V			

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 15:43:36 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.13	0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.06	0.05	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.21	0.13	0.08	0.00	N/A	ppb
Boron	11-1	-0.15	0.12	0.02	0.00	N/A	ppb
Cadmium	111-1	0.07	0.01	-0.08	0.00	N/A	ppb
Cadmium	106-1	0.84	0.12	-0.96	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.03	0.01	0.00	N/A	ppb
Calcium	43-1	-1.31	1.43	-0.12	0.00	N/A	ppb
Calcium	44-1	-0.33	-0.01	0.33	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.11	-0.04	0.16	0.00	N/A	ppb
Iron	57-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	-0.10	0.08	0.00	N/A	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:43:36	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-54.05	-37.53	-30.76	-40.78		ppb
Potassium	39-2	-1.26	2.34	-1.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.38	-1.12	0.75	0.00	N/A	ppb
Selenium	82-1	-0.01	0.15	-0.14	0.00	N/A	ppb
Silicon	28-1	0.55	1.05	-1.60	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.58	-1.11	0.52	0.00	N/A	ppb
Strontium	86-1	0.03	-0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	59.09	115.07	-451.31	-92.38		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	N/A	ppb
Titanium	47-1	0.07	-0.02	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	-0.01	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:43:36	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	-0.02	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 15:47:14 DataFile Name : 003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.59	19.59	20.75	19.31	8.28	ppb
Antimony	121-1	1.87	1.84	1.94	1.88	2.75	ppb
Arsenic	75-1	1.33	0.97	1.51	1.27	21.86	ppb
Barium	135-1	10.45	11.03	10.25	10.58	3.84	ppb
Barium	137-1	9.87	10.37	10.27	10.17	2.61	ppb
Beryllium	9-1	1.07	1.04	0.99	1.03	3.84	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	23.42	24.95	23.20	23.86	3.99	ppb
Boron	11-1	22.80	23.32	23.30	23.14	1.28	ppb
Cadmium	111-1	1.23	1.28	1.00	1.17	12.58	ppb
Cadmium	106-1	3.35	3.96	0.74	2.68	63.68	ppb
Cadmium	108-1	1.27	0.96	1.36	1.20	17.46	ppb
Calcium	43-1	493.04	497.33	502.00	497.45	0.90	ppb
Calcium	44-1	474.23	491.11	486.38	483.91	1.80	ppb
Chromium	52-2	2.08	1.89	1.97	1.98	4.70	ppb
Cobalt	59-2	0.96	1.07	1.05	1.03	5.78	ppb
Copper	63-2	1.96	2.09	1.95	2.00	4.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	59.01	58.86	58.16	58.67	0.77	ppb
Iron	57-2	53.69	56.19	60.66	56.85	6.21	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.98	0.99	2.40	ppb
Lead	207-1	0.95	1.04	0.97	0.99	5.01	ppb
Lead	208-1	0.97	1.00	0.94	0.97	3.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	526.91	517.39	530.24	524.85	1.27	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:47:14	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.00	1.05	1.01	2.94	ppb
Molybdenum	94-1	4.45	4.74	4.62	4.60	3.22	ppb
Molybdenum	95-1	4.77	4.80	4.84	4.80	0.79	ppb
Molybdenum	96-1	4.77	4.83	4.49	4.70	3.84	ppb
Molybdenum	97-1	4.49	4.98	4.69	4.72	5.22	ppb
Molybdenum	98-1	4.69	4.71	4.66	4.69	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.92	1.12	1.04	10.21	ppb
Phosphorus	31-2	18.01	37.34	66.98	40.78	60.49	ppb
Potassium	39-2	528.13	517.33	527.70	524.38	1.17	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	3.61	5.04	4.98	4.54	17.84	ppb
Selenium	78-2	6.81	7.05	6.56	6.81	3.58	ppb
Selenium	82-1	4.67	5.79	4.97	5.14	11.28	ppb
Silicon	28-1	10.72	10.95	10.44	10.70	2.41	ppb
Silver	109-1	1.08	1.14	1.06	1.10	3.73	ppb
Silver	107-1	1.06	1.07	1.15	1.09	4.48	ppb
Sodium	23-2	515.45	520.37	513.33	516.38	0.70	ppb
Strontium	86-1	1.02	1.07	0.89	0.99	9.34	ppb
Strontium	88-1	0.95	0.99	0.97	0.97	2.52	ppb
Sulfur	34-1	76.46	128.94	71.75	92.38	34.36	ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.86	0.90	0.92	0.89	3.49	ppb
Thallium	205-1	0.92	0.99	0.91	0.94	4.69	ppb
Thorium	232-1	0.82	0.83	0.80	0.82	2.05	ppb
Tin	118-1	5.57	5.54	5.32	5.48	2.44	ppb
Titanium	47-1	5.20	5.05	4.66	4.97	5.53	ppb
Uranium	238-1	0.84	0.89	0.80	0.84	5.34	ppb
Vanadium	51-2	5.28	5.19	5.22	5.23	0.90	ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:47:14	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.46	2.65	2.29	2.47	7.36	ppb
Zirconium	90-1	0.87	0.84	0.86	0.86	1.45	ppb
Zirconium	91-1	0.87	0.93	0.85	0.88	4.75	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.39	1022.06	1012.87	1016.11	0.51	ppb
Antimony	121-1	51.87	51.29	51.52	51.56	0.56	ppb
Arsenic	75-1	50.37	51.11	52.04	51.17	1.63	ppb
Barium	135-1	254.94	254.57	253.79	254.43	0.23	ppb
Barium	137-1	248.99	248.33	248.78	248.70	0.14	ppb
Beryllium	9-1	51.97	52.31	51.30	51.86	0.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	45.57	44.86	48.19	46.21	3.79	ppb
Boron	11-1	47.51	47.34	47.41	47.42	0.18	ppb
Cadmium	111-1	54.37	53.81	53.14	53.77	1.15	ppb
Cadmium	106-1	55.19	56.79	52.92	54.97	3.54	ppb
Cadmium	108-1	55.38	56.37	52.30	54.68	3.88	ppb
Calcium	43-1	4852.99	5006.91	4913.51	4924.47	1.57	ppb
Calcium	44-1	4935.19	4935.65	4876.12	4915.66	0.70	ppb
Chromium	52-2	49.85	49.57	49.84	49.76	0.32	ppb
Cobalt	59-2	51.22	51.28	51.89	51.46	0.72	ppb
Copper	63-2	104.15	102.86	104.26	103.75	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	2668.99	2646.74	2673.65	2663.13	0.54	ppb
Iron	57-2	2659.10	2677.16	2728.21	2688.16	1.33	ppb
Krypton	83-1						cps
Lead	206-1	49.03	48.90	49.17	49.03	0.27	ppb
Lead	207-1	48.95	48.51	49.13	48.86	0.65	ppb
Lead	208-1	48.28	48.20	48.45	48.31	0.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	5166.27	5162.53	5160.56	5163.12	0.06	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.09	97.97	99.31	98.46	0.75	ppb
Molybdenum	94-1	238.19	241.50	237.00	238.90	0.98	ppb
Molybdenum	95-1	238.73	239.54	238.64	238.97	0.21	ppb
Molybdenum	96-1	236.99	240.10	239.78	238.96	0.72	ppb
Molybdenum	97-1	241.01	240.56	242.60	241.39	0.44	ppb
Molybdenum	98-1	239.54	239.07	241.90	240.17	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.59	53.59	51.47	52.22	2.28	ppb
Phosphorus	31-2	953.53	997.27	931.82	960.88	3.47	ppb
Potassium	39-2	2611.90	2647.16	2660.61	2639.89	0.95	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	47.63	47.48	51.94	49.02	5.17	ppb
Selenium	78-2	49.21	57.05	53.01	53.09	7.39	ppb
Selenium	82-1	52.41	53.68	51.24	52.44	2.32	ppb
Silicon	28-1	53.73	54.17	55.04	54.31	1.23	ppb
Silver	109-1	54.35	53.88	53.19	53.81	1.08	ppb
Silver	107-1	54.50	54.08	54.30	54.29	0.38	ppb
Sodium	23-2	5148.22	5135.16	5151.12	5144.84	0.17	ppb
Strontium	86-1	48.26	48.44	48.77	48.49	0.53	ppb
Strontium	88-1	48.11	48.23	48.08	48.14	0.16	ppb
Sulfur	34-1	1280.36	1192.92	1134.71	1202.66	6.10	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	48.03	47.46	47.91	47.80	0.63	ppb
Thallium	205-1	46.51	46.49	46.42	46.47	0.10	ppb
Thorium	232-1	44.14	44.18	44.20	44.17	0.07	ppb
Tin	118-1	52.75	53.32	53.48	53.18	0.72	ppb
Titanium	47-1	248.14	247.42	247.36	247.64	0.18	ppb
Uranium	238-1	43.74	43.41	43.16	43.44	0.68	ppb
Vanadium	51-2	49.25	49.34	49.94	49.51	0.76	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	106.73	106.00	107.88	106.87	0.89	ppb
Zirconium	90-1	47.58	48.07	47.81	47.82	0.52	ppb
Zirconium	91-1	47.26	49.21	48.84	48.44	2.14	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2606.13	2554.03	2547.14	2569.10	1.26	ppb
Antimony	121-1	133.66	124.67	125.93	128.09	3.80	ppb
Arsenic	75-1	130.09	125.55	125.59	127.08	2.05	ppb
Barium	135-1	658.72	606.35	619.50	628.19	4.34	ppb
Barium	137-1	643.66	596.82	612.35	617.61	3.86	ppb
Beryllium	9-1	129.93	126.54	126.70	127.72	1.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	120.66	117.46	122.50	120.20	2.12	ppb
Boron	11-1	122.93	118.83	121.94	121.23	1.77	ppb
Cadmium	111-1	139.78	128.09	129.86	132.58	4.75	ppb
Cadmium	106-1	140.88	121.52	132.66	131.69	7.38	ppb
Cadmium	108-1	138.65	125.62	133.15	132.47	4.94	ppb
Calcium	43-1	12755.08	11903.54	12175.93	12278.18	3.54	ppb
Calcium	44-1	12311.18	11707.79	11833.57	11950.85	2.66	ppb
Chromium	52-2	125.06	123.51	123.96	124.18	0.64	ppb
Cobalt	59-2	128.13	127.88	126.73	127.58	0.59	ppb
Copper	63-2	254.56	254.80	254.74	254.70	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	6667.43	6575.47	6549.40	6597.43	0.94	ppb
Iron	57-2	6693.46	6750.39	6666.40	6703.42	0.64	ppb
Krypton	83-1						cps
Lead	206-1	125.56	119.40	122.71	122.56	2.52	ppb
Lead	207-1	126.48	119.91	120.62	122.34	2.95	ppb
Lead	208-1	124.18	118.07	119.37	120.54	2.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	13109.83	12948.49	12885.25	12981.19	0.89	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.02	246.02	246.94	246.66	0.23	ppb
Molybdenum	94-1	613.60	583.77	587.79	595.05	2.72	ppb
Molybdenum	95-1	608.31	583.43	591.57	594.44	2.13	ppb
Molybdenum	96-1	613.97	581.27	595.80	597.01	2.74	ppb
Molybdenum	97-1	617.22	592.32	604.40	604.64	2.06	ppb
Molybdenum	98-1	614.93	583.05	591.81	596.60	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.48	128.38	127.79	128.55	0.67	ppb
Phosphorus	31-2	2513.85	2527.06	2526.23	2522.38	0.29	ppb
Potassium	39-2	6509.11	6428.66	6447.80	6461.86	0.65	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	126.25	129.36	125.47	127.03	1.62	ppb
Selenium	78-2	129.67	132.62	132.36	131.55	1.24	ppb
Selenium	82-1	129.89	125.83	130.79	128.84	2.05	ppb
Silicon	28-1	142.79	132.10	139.14	138.01	3.94	ppb
Silver	109-1	138.62	127.48	129.44	131.85	4.51	ppb
Silver	107-1	137.85	129.17	131.16	132.73	3.43	ppb
Sodium	23-2	12991.22	12853.97	12856.06	12900.41	0.61	ppb
Strontium	86-1	126.89	119.31	121.06	122.42	3.24	ppb
Strontium	88-1	123.90	116.48	118.34	119.57	3.23	ppb
Sulfur	34-1	2936.90	2231.94	2460.79	2543.21	14.14	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	123.36	116.40	118.78	119.51	2.96	ppb
Thallium	205-1	118.24	112.34	114.94	115.17	2.57	ppb
Thorium	232-1	114.05	109.03	111.45	111.51	2.25	ppb
Tin	118-1	136.30	127.31	129.22	130.95	3.62	ppb
Titanium	47-1	632.50	594.44	606.21	611.05	3.19	ppb
Uranium	238-1	112.77	107.55	111.11	110.48	2.42	ppb
Vanadium	51-2	124.08	123.09	121.63	122.94	1.01	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	254.61	251.17	251.87	252.55	0.72	ppb
Zirconium	90-1	122.94	116.28	118.96	119.39	2.80	ppb
Zirconium	91-1	124.85	119.66	120.34	121.62	2.32	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5087.64	5078.42	5113.73	5093.26	0.36	ppb
Antimony	121-1	248.92	246.47	244.65	246.68	0.87	ppb
Arsenic	75-1	246.76	248.34	247.61	247.57	0.32	ppb
Barium	135-1	1224.35	1229.08	1211.09	1221.51	0.76	ppb
Barium	137-1	1198.58	1195.26	1184.71	1192.85	0.61	ppb
Beryllium	9-1	249.23	251.06	248.54	249.61	0.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	236.78	241.44	245.85	241.36	1.88	ppb
Boron	11-1	241.87	245.54	250.52	245.98	1.76	ppb
Cadmium	111-1	253.70	254.14	248.92	252.25	1.15	ppb
Cadmium	106-1	244.45	252.17	245.02	247.21	1.74	ppb
Cadmium	108-1	246.83	255.81	243.71	248.78	2.52	ppb
Calcium	43-1	24679.57	24691.16	24549.52	24640.08	0.32	ppb
Calcium	44-1	24581.24	24599.73	24232.53	24471.17	0.85	ppb
Chromium	52-2	245.47	246.91	248.89	247.09	0.69	ppb
Cobalt	59-2	249.73	250.46	252.37	250.85	0.54	ppb
Copper	63-2	494.25	498.55	500.40	497.73	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	13136.89	13069.67	13227.47	13144.67	0.60	ppb
Iron	57-2	13375.77	13269.36	13586.40	13410.51	1.20	ppb
Krypton	83-1						cps
Lead	206-1	244.56	247.16	245.24	245.66	0.55	ppb
Lead	207-1	245.01	245.60	245.17	245.26	0.12	ppb
Lead	208-1	240.05	241.09	240.47	240.54	0.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	25862.20	25594.86	25791.23	25749.43	0.54	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	486.83	491.06	495.09	490.99	0.84	ppb
Molybdenum	94-1	1189.72	1184.29	1187.76	1187.26	0.23	ppb
Molybdenum	95-1	1182.31	1182.89	1178.55	1181.25	0.20	ppb
Molybdenum	96-1	1181.00	1182.64	1179.76	1181.13	0.12	ppb
Molybdenum	97-1	1200.03	1204.87	1195.98	1200.29	0.37	ppb
Molybdenum	98-1	1208.51	1200.33	1210.36	1206.40	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.96	253.39	253.85	253.07	0.39	ppb
Phosphorus	31-2	4865.82	4670.71	5178.35	4904.96	5.22	ppb
Potassium	39-2	12756.11	12794.79	12866.14	12805.68	0.44	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	226.97	249.08	270.42	248.83	8.73	ppb
Selenium	78-2	255.53	251.04	259.26	255.28	1.61	ppb
Selenium	82-1	256.03	255.82	253.73	255.19	0.50	ppb
Silicon	28-1	285.29	287.13	281.42	284.61	1.02	ppb
Silver	109-1	248.30	252.87	245.60	248.92	1.48	ppb
Silver	107-1	250.61	251.77	247.99	250.12	0.77	ppb
Sodium	23-2	25929.79	25765.25	25901.59	25865.54	0.34	ppb
Strontium	86-1	247.13	243.21	244.54	244.96	0.81	ppb
Strontium	88-1	237.08	238.21	236.34	237.21	0.40	ppb
Sulfur	34-1	4697.72	4672.73	4403.19	4591.21	3.56	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	240.29	238.10	237.53	238.64	0.61	ppb
Thallium	205-1	228.93	230.06	227.42	228.80	0.58	ppb
Thorium	232-1	224.66	223.87	223.85	224.13	0.20	ppb
Tin	118-1	252.44	256.45	252.05	253.65	0.96	ppb
Titanium	47-1	1229.94	1222.45	1208.64	1220.34	0.89	ppb
Uranium	238-1	224.30	221.77	222.07	222.71	0.62	ppb
Vanadium	51-2	243.71	243.27	245.86	244.28	0.57	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	492.37	497.91	488.18	492.82	0.99	ppb
Zirconium	90-1	240.19	236.40	239.66	238.75	0.86	ppb
Zirconium	91-1	244.10	243.87	246.65	244.87	0.63	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:03:02 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10031.49	10017.01	9928.39	9992.30	0.56	ppb
Antimony	121-1	474.94	475.32	476.71	475.65	0.20	ppb
Arsenic	75-1	482.86	478.35	487.99	483.07	1.00	ppb
Barium	135-1	2355.72	2380.66	2350.45	2362.28	0.68	ppb
Barium	137-1	2395.06	2422.92	2393.10	2403.69	0.69	ppb
Beryllium	9-1	488.79	488.61	489.21	488.87	0.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	472.23	479.74	488.09	480.02	1.65	ppb
Boron	11-1	474.30	480.27	491.78	482.12	1.84	ppb
Cadmium	111-1	480.63	484.91	481.08	482.21	0.49	ppb
Cadmium	106-1	478.07	472.93	477.08	476.02	0.57	ppb
Cadmium	108-1	481.75	476.64	471.22	476.54	1.11	ppb
Calcium	43-1	48809.48	49462.67	48511.63	48927.92	0.99	ppb
Calcium	44-1	48677.43	48987.03	48470.19	48711.55	0.53	ppb
Chromium	52-2	484.45	479.98	482.40	482.28	0.46	ppb
Cobalt	59-2	485.27	489.82	483.53	486.21	0.67	ppb
Copper	63-2	952.76	957.30	951.72	953.93	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	26069.54	26166.22	25752.02	25995.93	0.83	ppb
Iron	57-2	26164.92	26564.77	25877.65	26202.45	1.32	ppb
Krypton	83-1						cps
Lead	206-1	486.58	480.66	489.10	485.45	0.89	ppb
Lead	207-1	483.17	482.22	482.09	482.49	0.12	ppb
Lead	208-1	471.35	469.65	471.77	470.92	0.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	52028.57	51654.69	51451.15	51711.47	0.57	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:03:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.83	965.70	963.51	966.68	0.39	ppb
Molybdenum	94-1	2391.89	2385.26	2396.03	2391.06	0.23	ppb
Molybdenum	95-1	2389.91	2394.38	2394.59	2392.96	0.11	ppb
Molybdenum	96-1	2390.47	2395.53	2389.30	2391.77	0.14	ppb
Molybdenum	97-1	2335.32	2330.48	2339.98	2335.26	0.20	ppb
Molybdenum	98-1	2397.13	2391.91	2383.54	2390.86	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.74	487.79	485.46	485.33	0.52	ppb
Phosphorus	31-2	9770.88	9628.17	9904.08	9767.71	1.41	ppb
Potassium	39-2	25027.42	25210.27	24935.50	25057.73	0.56	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	489.68	452.05	503.30	481.68	5.51	ppb
Selenium	78-2	490.52	499.76	486.42	492.23	1.39	ppb
Selenium	82-1	493.53	495.53	495.35	494.81	0.22	ppb
Silicon	28-1	559.16	569.37	564.92	564.48	0.91	ppb
Silver	109-1	468.79	474.26	470.79	471.28	0.59	ppb
Silver	107-1	470.71	472.75	470.32	471.26	0.28	ppb
Sodium	23-2	51821.34	51294.39	50915.64	51343.79	0.89	ppb
Strontium	86-1	485.88	484.79	480.63	483.77	0.57	ppb
Strontium	88-1	480.00	480.58	480.40	480.33	0.06	ppb
Sulfur	34-1	9101.22	9375.99	9301.98	9259.73	1.54	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	466.96	468.09	471.75	468.93	0.53	ppb
Thallium	205-1	473.41	469.95	474.91	472.75	0.54	ppb
Thorium	232-1	468.96	469.25	472.11	470.11	0.37	ppb
Tin	118-1	489.77	492.06	490.72	490.85	0.23	ppb
Titanium	47-1	2416.82	2414.74	2424.12	2418.56	0.20	ppb
Uranium	238-1	465.30	464.09	472.38	467.26	0.96	ppb
Vanadium	51-2	481.53	478.45	478.77	479.58	0.35	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:03:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	953.38	944.22	943.75	947.11	0.57	ppb
Zirconium	90-1	465.27	467.76	469.18	467.41	0.42	ppb
Zirconium	91-1	480.62	483.00	478.22	480.61	0.50	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:06:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20975.85	21374.74	20905.73	21085.44	1.20	ppb
Antimony	121-1	1013.16	1008.97	1015.49	1012.54	0.33	ppb
Arsenic	75-1	1005.01	1014.31	1006.95	1008.76	0.49	ppb
Barium	135-1	5057.90	5069.89	5098.30	5075.36	0.41	ppb
Barium	137-1	5022.63	5049.07	5118.59	5063.43	0.98	ppb
Beryllium	9-1	1003.81	1012.92	998.96	1005.23	0.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	1002.20	1027.62	1009.08	1012.97	1.30	ppb
Boron	11-1	997.52	1025.63	1008.62	1010.59	1.40	ppb
Cadmium	111-1	1002.91	1012.78	1005.89	1007.20	0.50	ppb
Cadmium	106-1	1009.40	1010.46	1014.94	1011.60	0.29	ppb
Cadmium	108-1	1009.03	1009.74	1013.83	1010.87	0.26	ppb
Calcium	43-1	101586.61	102604.73	102200.10	102130.48	0.50	ppb
Calcium	44-1	102647.83	103374.80	103093.07	103038.57	0.36	ppb
Chromium	52-2	1005.74	1017.94	1005.43	1009.71	0.71	ppb
Cobalt	59-2	997.92	1016.84	1004.10	1006.29	0.96	ppb
Copper	63-2	2016.52	2034.91	2017.05	2022.83	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	54689.87	54955.81	54164.63	54603.44	0.74	ppb
Iron	57-2	54760.42	55297.58	54581.19	54879.73	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1003.58	1014.97	1007.59	1008.72	0.57	ppb
Lead	207-1	1007.10	1013.31	1010.57	1010.33	0.31	ppb
Lead	208-1	1013.49	1021.37	1017.78	1017.55	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	108766.34	109637.90	108440.02	108948.09	0.57	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:06:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2015.22	2034.19	2008.81	2019.40	0.65	ppb
Molybdenum	94-1	5057.39	5109.99	5055.98	5074.45	0.61	ppb
Molybdenum	95-1	5036.90	5108.82	5079.52	5075.08	0.71	ppb
Molybdenum	96-1	5064.92	5087.64	5073.59	5075.38	0.23	ppb
Molybdenum	97-1	5103.22	5086.26	5103.83	5097.77	0.20	ppb
Molybdenum	98-1	5094.67	5077.91	5035.95	5069.51	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.58	1014.69	1004.76	1006.01	0.81	ppb
Phosphorus	31-2	20249.75	20169.33	19998.11	20139.06	0.64	ppb
Potassium	39-2	52935.76	53356.87	52895.91	53062.84	0.48	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	1027.83	981.75	1018.18	1009.25	2.41	ppb
Selenium	78-2	1001.28	994.77	1008.69	1001.58	0.70	ppb
Selenium	82-1	997.44	1007.34	997.31	1000.70	0.58	ppb
Silicon	28-1	960.02	964.15	947.59	957.26	0.90	ppb
Silver	109-1	1009.07	1014.90	1016.78	1013.58	0.40	ppb
Silver	107-1	1007.42	1010.47	1021.58	1013.16	0.74	ppb
Sodium	23-2	108571.21	109290.96	108010.23	108624.13	0.59	ppb
Strontium	86-1	1010.58	1016.30	1002.44	1009.77	0.69	ppb
Strontium	88-1	1011.57	1018.52	1011.32	1013.80	0.40	ppb
Sulfur	34-1	20393.25	20858.53	20118.62	20456.80	1.83	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1036.78	984.77	1035.96	1019.17	2.92	ppb
Thallium	205-1	1015.81	1024.99	1020.18	1020.33	0.45	ppb
Thorium	232-1	1021.98	1027.58	1020.62	1023.39	0.36	ppb
Tin	118-1	1005.77	1000.88	1001.63	1002.76	0.26	ppb
Titanium	47-1	5036.19	5112.28	5001.51	5050.00	1.12	ppb
Uranium	238-1	1026.09	1028.70	1021.22	1025.34	0.37	ppb
Vanadium	51-2	1009.61	1019.27	1006.88	1011.92	0.64	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:06:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2019.86	2049.26	2013.60	2027.57	0.94	ppb
Zirconium	90-1	1016.59	1025.45	1017.72	1019.92	0.47	ppb
Zirconium	91-1	1012.88	1016.98	1004.57	1011.48	0.62	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:10:39 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100300.57	99469.97	99560.85	99777.13	0.46	ppb
Antimony	121-1	1.40	1.46	1.40	1.42	2.38	ppb
Arsenic	75-1	1.54	1.16	1.27	1.32	14.67	ppb
Barium	135-1	1.08	1.11	1.11	1.10	1.55	ppb
Barium	137-1	0.97	1.00	1.09	1.02	6.07	ppb
Beryllium	9-1	0.28	0.23	0.26	0.26	8.53	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	57.96	54.04	50.27	54.09	7.11	ppb
Boron	11-1	56.36	54.94	50.02	53.77	6.18	ppb
Cadmium	111-1	0.17	0.11	-0.03	0.08	123.36	ppb
Cadmium	106-1	-0.36	-0.21	-2.51	-1.03		ppb
Cadmium	108-1	0.34	0.25	0.49	0.36	33.41	ppb
Calcium	43-1	497605.59	496024.58	505486.06	499705.41	1.01	ppb
Calcium	44-1	498922.74	496858.93	502904.81	499562.16	0.62	ppb
Chromium	52-2	15.72	15.75	15.42	15.63	1.15	ppb
Cobalt	59-2	11.14	11.23	11.21	11.19	0.43	ppb
Copper	63-2	2.73	2.62	2.52	2.62	3.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	250013.97	248760.29	248037.24	248937.17	0.40	ppb
Iron	57-2	249857.88	248723.46	247953.85	248845.07	0.38	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.86	0.85	0.88	5.19	ppb
Lead	207-1	0.85	0.89	0.91	0.88	3.81	ppb
Lead	208-1	0.88	0.85	0.90	0.88	3.10	ppb
Lithium	6-1				87		%
Magnesium	24-2	501167.48	496504.35	496292.41	497988.08	0.55	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:10:39	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.75	6.88	6.92	6.85	1.29	ppb
Molybdenum	94-1	3.09	2.75	2.78	2.87	6.57	ppb
Molybdenum	95-1	3.43	3.49	3.29	3.40	3.07	ppb
Molybdenum	96-1	5.25	5.13	5.08	5.15	1.66	ppb
Molybdenum	97-1	3.74	3.26	3.29	3.43	7.77	ppb
Molybdenum	98-1	3.30	3.36	3.28	3.31	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.84	17.03	17.16	17.34	2.49	ppb
Phosphorus	31-2	-24.33	-17.42	-39.17	-26.98		ppb
Potassium	39-2	249281.12	249659.52	249138.25	249359.63	0.11	ppb
Rhodium	103-1				77		%
Rhodium	103-2				80		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	77-2	0.79	0.00	0.00	0.26	173.21	ppb
Selenium	78-2	-0.10	0.83	1.37	0.70	105.88	ppb
Selenium	82-1	0.13	0.62	1.20	0.65	82.83	ppb
Silicon	28-1	62.41	64.10	65.29	63.93	2.27	ppb
Silver	109-1	0.17	0.18	0.15	0.17	8.74	ppb
Silver	107-1	0.19	0.16	0.16	0.17	9.78	ppb
Sodium	23-2	501951.51	493853.02	498453.60	498086.04	0.82	ppb
Strontium	86-1	3.88	4.26	4.16	4.10	4.78	ppb
Strontium	88-1	4.16	4.15	4.04	4.12	1.62	ppb
Sulfur	34-1	-715.07	-607.35	-579.00	-633.81		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.37	0.36	0.35	0.36	2.73	ppb
Thallium	205-1	0.36	0.32	0.31	0.33	8.92	ppb
Thorium	232-1	0.36	0.30	0.34	0.34	8.86	ppb
Tin	118-1	0.60	0.54	0.60	0.58	6.32	ppb
Titanium	47-1	1.51	2.03	2.10	1.88	17.25	ppb
Uranium	238-1	0.14	0.17	0.16	0.16	7.24	ppb
Vanadium	51-2	0.27	0.18	0.22	0.22	20.58	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:10:39	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.10	17.54	18.28	17.98	2.15	ppb
Zirconium	90-1	0.34	0.31	0.34	0.33	5.26	ppb
Zirconium	91-1	0.43	0.32	0.31	0.35	18.82	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:19:03	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.64	492.24	501.59	501.49	1.83	ppb
Antimony	121-1	182.09	179.81	181.77	181.23	0.68	ppb
Arsenic	75-1	202.18	202.67	201.51	202.12	0.29	ppb
Barium	135-1	98.57	98.78	97.96	98.44	0.43	ppb
Barium	137-1	96.61	96.29	96.51	96.47	0.17	ppb
Beryllium	9-1	95.52	97.33	97.50	96.78	1.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	449.92	463.90	472.18	462.00	2.44	ppb
Boron	11-1	460.44	462.73	465.27	462.81	0.52	ppb
Cadmium	111-1	100.83	100.69	99.65	100.39	0.64	ppb
Cadmium	106-1	80.18	78.94	82.53	80.55	2.26	ppb
Cadmium	108-1	104.10	103.54	102.25	103.30	0.92	ppb
Calcium	43-1	1944.94	2057.81	2053.83	2018.86	3.17	ppb
Calcium	44-1	1975.71	1981.66	1979.75	1979.04	0.15	ppb
Chromium	52-2	94.37	94.44	94.81	94.54	0.25	ppb
Cobalt	59-2	98.42	98.40	98.04	98.29	0.22	ppb
Copper	63-2	99.37	98.47	98.30	98.71	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	1070.25	1079.12	1072.54	1073.97	0.43	ppb
Iron	57-2	1039.40	1069.88	1078.74	1062.68	1.94	ppb
Krypton	83-1						cps
Lead	206-1	190.52	192.44	187.80	190.25	1.23	ppb
Lead	207-1	189.64	189.46	190.49	189.86	0.29	ppb
Lead	208-1	186.80	186.61	186.65	186.69	0.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	1256.15	1231.21	1247.46	1244.94	1.02	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:19:03	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.12	93.93	92.93	93.66	0.69	ppb
Molybdenum	94-1	1587.13	1567.44	1590.04	1581.54	0.78	ppb
Molybdenum	95-1	2333.17	2322.70	2329.77	2328.55	0.23	ppb
Molybdenum	96-1	2242.99	2230.55	2244.06	2239.20	0.34	ppb
Molybdenum	97-1	2260.88	2245.12	2253.61	2253.20	0.35	ppb
Molybdenum	98-1	2320.46	2303.02	2311.98	2311.82	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.06	99.73	100.52	100.44	0.66	ppb
Phosphorus	31-2	-36.89	-27.04	-30.20	-31.37		ppb
Potassium	39-2	2036.52	2061.31	2027.72	2041.85	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	180.05	176.12	187.73	181.30	3.26	ppb
Selenium	78-2	202.63	201.03	205.70	203.12	1.17	ppb
Selenium	82-1	200.72	196.34	197.34	198.13	1.16	ppb
Silicon	28-1	1.40	2.47	3.02	2.30	35.87	ppb
Silver	109-1	93.66	92.43	92.29	92.79	0.81	ppb
Silver	107-1	93.72	92.15	92.87	92.91	0.84	ppb
Sodium	23-2	2053.87	2076.57	2069.74	2066.73	0.56	ppb
Strontium	86-1	2.32	2.44	2.42	2.40	2.65	ppb
Strontium	88-1	2.18	2.24	2.25	2.22	1.74	ppb
Sulfur	34-1	-546.89	-687.65	-703.01	-645.85		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	204.98	204.96	201.43	203.79	1.00	ppb
Thallium	205-1	196.63	196.95	191.42	195.00	1.59	ppb
Thorium	232-1	0.13	0.12	0.14	0.13	6.10	ppb
Tin	118-1	0.18	0.14	0.12	0.15	22.33	ppb
Titanium	47-1	2507.05	2507.86	2527.92	2514.28	0.47	ppb
Uranium	238-1	0.01	-0.01	0.01	0.00	16403.17	ppb
Vanadium	51-2	93.08	94.17	93.40	93.55	0.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:19:03	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	211.49	211.39	212.44	211.77	0.27	ppb
Zirconium	90-1	0.26	0.24	0.21	0.24	12.55	ppb
Zirconium	91-1	0.36	0.33	0.27	0.32	13.77	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:29:40 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.79	0.43	0.48	57.60	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	18.81	ppb
Arsenic	75-1	-0.11	-0.04	-0.10	-0.09		ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	557.69	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	58.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	9.15	9.45	9.44	9.34	1.84	ppb
Boron	11-1	10.10	9.80	10.22	10.04	2.16	ppb
Cadmium	111-1	-0.12	-0.16	-0.25	-0.17		ppb
Cadmium	106-1	-1.64	-2.05	-3.19	-2.29		ppb
Cadmium	108-1	0.15	0.15	0.02	0.10	73.37	ppb
Calcium	43-1	-0.92	-2.43	2.11	-0.41		ppb
Calcium	44-1	0.72	0.67	0.15	0.51	60.85	ppb
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	0.76	0.93	0.70	0.80	15.18	ppb
Iron	57-2	2.31	-0.50	-0.89	0.31	571.00	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.01	0.00		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.01	0.01	0.00	165.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.45	0.93	1.19	0.85	44.01	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:29:40	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.09	0.11	0.06	0.09	32.55	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	9.01	ppb
Molybdenum	96-1	0.07	0.08	0.10	0.08	16.12	ppb
Molybdenum	97-1	0.09	0.06	0.10	0.08	21.89	ppb
Molybdenum	98-1	0.10	0.11	0.07	0.09	18.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-47.58	-41.16	-44.29	-44.34		ppb
Potassium	39-2	-5.45	-4.24	1.03	-2.89		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	1.02	0.80	0.71	51.43	ppb
Selenium	82-1	0.71	-0.10	-0.05	0.19	241.32	ppb
Silicon	28-1	-2.18	-1.42	-2.31	-1.97		ppb
Silver	109-1	0.00	0.01	0.00	0.01	71.69	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.92	ppb
Sodium	23-2	9.33	8.61	8.53	8.82	5.00	ppb
Strontium	86-1	0.01	0.01	-0.01	0.01	186.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	75.36	ppb
Sulfur	34-1	-359.25	-229.06	-353.31	-313.88		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.02	37.64	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	54.96	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	43.00	ppb
Tin	118-1	0.01	0.04	0.06	0.03	75.38	ppb
Titanium	47-1	0.02	-0.06	-0.03	-0.02		ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	152.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:29:40	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.18	-0.07	0.03	0.04	276.20	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	107.62	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	21.87	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:33:17	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89257.60	88869.10	89356.79	89161.16	0.29	ppb
Antimony	121-1	1.02	0.94	0.95	0.97	4.44	ppb
Arsenic	75-1	1.20	1.75	2.12	1.69	27.47	ppb
Barium	135-1	1.12	1.29	1.36	1.26	9.72	ppb
Barium	137-1	1.34	1.34	1.22	1.30	5.44	ppb
Beryllium	9-1	0.32	0.25	0.28	0.28	13.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	9.40	9.14	8.62	9.06	4.38	ppb
Boron	11-1	9.30	8.29	8.53	8.70	6.11	ppb
Cadmium	111-1	0.00	-0.07	0.00	-0.03		ppb
Cadmium	106-1	-5.55	-6.33	-4.91	-5.60		ppb
Cadmium	108-1	11.01	9.83	10.93	10.59	6.25	ppb
Calcium	43-1	94820.28	94635.02	94240.68	94565.33	0.31	ppb
Calcium	44-1	95021.15	95568.39	96040.43	95543.32	0.53	ppb
Chromium	52-2	18.23	18.17	18.50	18.30	0.96	ppb
Cobalt	59-2	1.14	1.17	1.16	1.16	1.42	ppb
Copper	63-2	7.14	7.17	7.05	7.12	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	99565.45	98711.55	98945.59	99074.20	0.45	ppb
Iron	57-2	97979.81	97298.95	98533.84	97937.53	0.63	ppb
Krypton	83-1						cps
Lead	206-1	4.56	4.84	4.84	4.75	3.34	ppb
Lead	207-1	4.31	4.14	4.18	4.21	2.02	ppb
Lead	208-1	4.34	4.33	4.33	4.34	0.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	99407.93	98972.87	98726.47	99035.76	0.35	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:33:17	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.20	7.48	7.61	7.43	2.85	ppb
Molybdenum	94-1	1180.51	1169.96	1177.80	1176.09	0.47	ppb
Molybdenum	95-1	1709.40	1733.06	1725.40	1722.62	0.70	ppb
Molybdenum	96-1	1658.79	1672.74	1675.43	1668.99	0.54	ppb
Molybdenum	97-1	1681.87	1696.73	1681.79	1686.80	0.51	ppb
Molybdenum	98-1	1704.37	1722.85	1711.23	1712.81	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.92	4.77	4.96	4.88	2.10	ppb
Phosphorus	31-2	89985.02	90719.47	91909.03	90871.17	1.07	ppb
Potassium	39-2	98161.74	97963.98	97961.41	98029.04	0.12	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.54	0.77	0.27	0.86	74.68	ppb
Selenium	82-1	0.38	0.16	0.10	0.21	70.04	ppb
Silicon	28-1	17.86	17.24	18.02	17.71	2.30	ppb
Silver	109-1	0.03	0.03	0.03	0.03	16.08	ppb
Silver	107-1	0.03	0.02	0.03	0.03	22.73	ppb
Sodium	23-2	99681.54	99627.76	99955.61	99754.97	0.18	ppb
Strontium	86-1	32.42	32.41	32.00	32.28	0.74	ppb
Strontium	88-1	31.92	31.86	31.64	31.80	0.46	ppb
Sulfur	34-1	94665.76	94499.69	94509.45	94558.30	0.10	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.13	0.09	40.68	ppb
Thallium	205-1	0.08	0.11	0.10	0.09	12.34	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	39.69	ppb
Tin	118-1	0.10	0.20	0.19	0.16	34.46	ppb
Titanium	47-1	1907.09	1884.98	1900.22	1897.43	0.60	ppb
Uranium	238-1	0.00	0.03	-0.01	0.01	239.09	ppb
Vanadium	51-2	0.14	0.12	0.18	0.15	19.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:33:17	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.29	9.44	9.79	9.51	2.68	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	39.39	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	39.07	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:36:55	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90693.11	89963.58	90440.68	90365.79	0.41	ppb
Antimony	121-1	19.52	19.78	19.50	19.60	0.80	ppb
Arsenic	75-1	20.79	21.48	21.63	21.30	2.10	ppb
Barium	135-1	20.12	20.55	20.92	20.53	1.97	ppb
Barium	137-1	20.93	20.53	20.68	20.72	0.98	ppb
Beryllium	9-1	19.70	19.54	20.09	19.77	1.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	62.02	60.75	63.49	62.09	2.21	ppb
Boron	11-1	60.76	62.63	63.96	62.45	2.57	ppb
Cadmium	111-1	19.23	18.24	19.27	18.92	3.09	ppb
Cadmium	106-1	22.81	16.81	20.46	20.03	15.11	ppb
Cadmium	108-1	31.44	30.24	31.92	31.20	2.77	ppb
Calcium	43-1	95174.02	95717.19	95983.33	95624.85	0.43	ppb
Calcium	44-1	95804.64	96345.32	98082.92	96744.29	1.23	ppb
Chromium	52-2	37.82	36.93	37.22	37.33	1.21	ppb
Cobalt	59-2	20.33	20.18	20.29	20.26	0.38	ppb
Copper	63-2	26.37	25.64	26.15	26.05	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	101230.33	100033.52	100901.18	100721.68	0.61	ppb
Iron	57-2	99123.84	98987.57	100247.09	99452.84	0.70	ppb
Krypton	83-1						cps
Lead	206-1	24.58	25.18	25.23	25.00	1.43	ppb
Lead	207-1	23.86	23.71	23.78	23.79	0.33	ppb
Lead	208-1	23.58	23.76	23.88	23.74	0.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	101006.30	99548.46	101305.19	100619.98	0.93	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:36:55	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.37	25.76	26.03	26.05	1.18	ppb
Molybdenum	94-1	1293.51	1286.16	1291.85	1290.51	0.30	ppb
Molybdenum	95-1	1785.44	1779.71	1787.43	1784.19	0.22	ppb
Molybdenum	96-1	1729.87	1727.95	1733.25	1730.35	0.16	ppb
Molybdenum	97-1	1741.81	1725.33	1738.74	1735.29	0.50	ppb
Molybdenum	98-1	1777.90	1781.93	1791.58	1783.80	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.79	23.11	23.35	23.42	1.47	ppb
Phosphorus	31-2	91837.19	91844.97	92633.89	92105.35	0.50	ppb
Potassium	39-2	99734.82	99307.96	99932.66	99658.48	0.32	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	15.86	21.61	21.07	19.52	16.27	ppb
Selenium	78-2	20.06	19.67	21.85	20.53	5.66	ppb
Selenium	82-1	18.42	18.48	19.34	18.75	2.76	ppb
Silicon	28-1	73.62	73.59	73.15	73.45	0.36	ppb
Silver	109-1	18.12	17.70	18.03	17.95	1.23	ppb
Silver	107-1	18.11	18.18	18.16	18.15	0.18	ppb
Sodium	23-2	101234.68	100395.93	101164.35	100931.65	0.46	ppb
Strontium	86-1	98.17	96.04	97.06	97.09	1.10	ppb
Strontium	88-1	95.38	93.55	94.87	94.60	0.99	ppb
Sulfur	34-1	95593.94	95676.37	96792.67	96020.99	0.70	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	19.53	19.75	19.74	19.67	0.63	ppb
Thallium	205-1	19.32	19.41	19.64	19.46	0.84	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	9.75	ppb
Tin	118-1	55.82	55.72	56.30	55.95	0.55	ppb
Titanium	47-1	1967.03	1971.63	1963.46	1967.37	0.21	ppb
Uranium	238-1	54.03	53.54	53.88	53.82	0.47	ppb
Vanadium	51-2	18.95	18.63	18.76	18.78	0.86	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:36:55	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.40	26.19	27.02	27.21	4.09	ppb
Zirconium	90-1	53.45	52.99	53.28	53.24	0.44	ppb
Zirconium	91-1	53.53	52.51	54.02	53.35	1.44	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50698.36	50586.84	50572.81	50619.34	0.14	ppb
Antimony	121-1	458.09	456.12	454.79	456.33	0.36	ppb
Arsenic	75-1	491.96	499.44	496.44	495.95	0.76	ppb
Barium	135-1	2305.30	2305.53	2300.27	2303.70	0.13	ppb
Barium	137-1	2347.39	2367.76	2368.63	2361.26	0.51	ppb
Beryllium	9-1	469.18	470.78	472.07	470.68	0.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	448.24	457.05	469.33	458.21	2.31	ppb
Boron	11-1	451.02	474.56	466.87	464.15	2.59	ppb
Cadmium	111-1	511.47	513.82	503.22	509.50	1.09	ppb
Cadmium	106-1	511.21	513.08	507.21	510.50	0.59	ppb
Cadmium	108-1	494.26	510.57	505.99	503.61	1.67	ppb
Calcium	43-1	231765.15	229628.38	229480.26	230291.26	0.56	ppb
Calcium	44-1	234582.79	234582.08	235323.60	234829.49	0.18	ppb
Chromium	52-2	471.37	470.06	472.55	471.33	0.26	ppb
Cobalt	59-2	466.23	463.10	462.50	463.94	0.43	ppb
Copper	63-2	1008.40	1004.59	1004.73	1005.91	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	123585.04	121610.21	121587.85	122261.03	0.94	ppb
Iron	57-2	121534.53	120913.11	121026.43	121158.03	0.27	ppb
Krypton	83-1						cps
Lead	206-1	483.11	487.18	483.09	484.46	0.49	ppb
Lead	207-1	482.33	484.77	486.51	484.54	0.43	ppb
Lead	208-1	471.61	473.26	474.16	473.01	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	246590.81	245102.26	243896.58	245196.55	0.55	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	933.75	932.69	932.15	932.86	0.09	ppb
Molybdenum	94-1	2350.36	2367.59	2376.56	2364.84	0.56	ppb
Molybdenum	95-1	2349.10	2362.78	2375.35	2362.41	0.56	ppb
Molybdenum	96-1	2345.85	2364.29	2371.90	2360.68	0.57	ppb
Molybdenum	97-1	2286.45	2304.44	2278.13	2289.67	0.59	ppb
Molybdenum	98-1	2358.89	2373.85	2360.42	2364.39	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.64	452.08	454.62	454.78	0.61	ppb
Phosphorus	31-2	9663.18	9441.05	9143.40	9415.88	2.77	ppb
Potassium	39-2	125694.24	123765.92	124382.40	124614.19	0.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	451.53	490.50	448.72	463.58	5.04	ppb
Selenium	78-2	471.39	479.13	468.38	472.97	1.17	ppb
Selenium	82-1	470.68	471.10	470.03	470.60	0.11	ppb
Silicon	28-1	495.84	497.89	502.51	498.75	0.68	ppb
Silver	109-1	487.16	490.73	484.45	487.45	0.65	ppb
Silver	107-1	485.92	493.17	484.88	487.99	0.92	ppb
Sodium	23-2	248561.80	245521.00	245523.42	246535.41	0.71	ppb
Strontium	86-1	470.66	472.26	476.42	473.11	0.63	ppb
Strontium	88-1	468.99	472.82	469.66	470.49	0.43	ppb
Sulfur	34-1	9140.38	9274.19	9120.08	9178.22	0.91	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	472.61	472.21	472.21	472.34	0.05	ppb
Thallium	205-1	472.80	481.02	481.75	478.52	1.04	ppb
Thorium	232-1	483.98	488.46	491.01	487.82	0.73	ppb
Tin	118-1	478.33	473.51	469.61	473.82	0.92	ppb
Titanium	47-1	2374.17	2347.83	2385.01	2369.00	0.81	ppb
Uranium	238-1	484.94	489.96	487.88	487.59	0.52	ppb
Vanadium	51-2	472.10	468.87	470.63	470.53	0.34	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1044.36	1051.29	1049.82	1048.49	0.35	ppb
Zirconium	90-1	460.18	459.11	456.07	458.45	0.46	ppb
Zirconium	91-1	470.42	468.92	475.26	471.53	0.70	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:48:51	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.03	1.13	1.66	1.61	28.14	ppb
Antimony	121-1	0.15	0.11	0.14	0.13	13.18	ppb
Arsenic	75-1	0.07	0.20	0.16	0.14	49.16	ppb
Barium	135-1	0.08	0.03	0.07	0.06	41.73	ppb
Barium	137-1	0.06	0.04	0.05	0.05	21.19	ppb
Beryllium	9-1	-0.01	0.03	0.03	0.02	113.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	9.66	8.35	10.18	9.39	10.06	ppb
Boron	11-1	9.58	9.23	8.95	9.25	3.40	ppb
Cadmium	111-1	-0.28	-0.15	-0.27	-0.24		ppb
Cadmium	106-1	-3.72	-2.26	-3.49	-3.16		ppb
Cadmium	108-1	0.18	0.01	0.10	0.10	87.10	ppb
Calcium	43-1	3.34	4.86	-0.09	2.70	93.92	ppb
Calcium	44-1	4.15	2.12	3.44	3.24	31.81	ppb
Chromium	52-2	0.00	0.01	0.01	0.01	46.62	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	43.38	ppb
Copper	63-2	0.04	0.04	0.07	0.05	30.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	3.30	3.47	3.50	3.42	3.08	ppb
Iron	57-2	3.62	1.43	2.00	2.35	48.42	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.11	0.09	0.09	20.31	ppb
Lead	207-1	0.07	0.08	0.06	0.07	12.99	ppb
Lead	208-1	0.08	0.10	0.07	0.08	14.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.40	5.58	5.72	5.23	13.85	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:48:51	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.01	0.01	109.89	ppb
Molybdenum	94-1	0.16	0.08	0.11	0.12	36.04	ppb
Molybdenum	95-1	0.14	0.14	0.14	0.14	1.36	ppb
Molybdenum	96-1	0.16	0.12	0.15	0.14	11.77	ppb
Molybdenum	97-1	0.18	0.14	0.15	0.15	12.14	ppb
Molybdenum	98-1	0.17	0.15	0.12	0.15	14.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-35.09	-41.42	-44.61	-40.37		ppb
Potassium	39-2	2.06	4.86	4.37	3.76	39.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.62	0.73	0.12	0.49	66.83	ppb
Selenium	82-1	-0.25	-0.21	-0.28	-0.25		ppb
Silicon	28-1	-2.23	-2.29	-2.33	-2.28		ppb
Silver	109-1	0.02	0.03	0.03	0.03	11.39	ppb
Silver	107-1	0.03	0.04	0.02	0.03	26.87	ppb
Sodium	23-2	22.77	22.06	21.93	22.25	2.04	ppb
Strontium	86-1	0.03	0.04	0.01	0.03	48.16	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.76	ppb
Sulfur	34-1	-653.75	-525.28	-400.70	-526.58		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.04	0.05	0.05	16.64	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	17.53	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.53	ppb
Tin	118-1	0.08	0.04	0.06	0.06	37.91	ppb
Titanium	47-1	-0.01	-0.03	0.03	0.00		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	35.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:48:51	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.09	0.01	0.11	99.30	ppb
Zirconium	90-1	0.01	0.03	0.04	0.03	51.19	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	10.73	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.95	21.04	22.58	21.52	4.26	ppb
Antimony	121-1	1.86	1.91	1.97	1.91	3.13	ppb
Arsenic	75-1	1.07	1.17	0.97	1.07	9.42	ppb
Barium	135-1	10.60	10.04	9.98	10.21	3.31	ppb
Barium	137-1	10.04	9.99	10.00	10.01	0.23	ppb
Beryllium	9-1	1.05	1.04	0.94	1.01	6.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	26.62	26.50	28.44	27.19	4.01	ppb
Boron	11-1	26.26	26.27	27.15	26.56	1.92	ppb
Cadmium	111-1	1.11	0.91	1.14	1.05	11.75	ppb
Cadmium	106-1	1.90	-0.64	1.36	0.87	153.40	ppb
Cadmium	108-1	0.97	0.93	1.14	1.02	11.21	ppb
Calcium	43-1	521.33	495.29	487.79	501.47	3.51	ppb
Calcium	44-1	468.53	471.57	474.62	471.58	0.65	ppb
Chromium	52-2	2.04	1.90	1.95	1.96	3.43	ppb
Cobalt	59-2	1.00	0.91	0.97	0.96	4.76	ppb
Copper	63-2	2.00	1.92	1.93	1.95	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	57.23	58.37	58.03	57.87	1.01	ppb
Iron	57-2	58.01	62.24	58.60	59.62	3.84	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.03	0.93	0.97	5.29	ppb
Lead	207-1	1.00	0.98	0.92	0.97	4.61	ppb
Lead	208-1	0.96	0.99	0.94	0.96	2.35	ppb
Lithium	6-1				107		%
Magnesium	24-2	518.99	522.93	522.49	521.47	0.41	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.94	0.99	0.99	4.61	ppb
Molybdenum	94-1	4.50	4.51	4.52	4.51	0.15	ppb
Molybdenum	95-1	4.52	4.79	4.61	4.64	2.98	ppb
Molybdenum	96-1	4.61	4.69	4.70	4.67	1.01	ppb
Molybdenum	97-1	4.61	4.68	4.86	4.72	2.70	ppb
Molybdenum	98-1	4.45	4.63	4.71	4.59	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.93	1.06	0.97	8.23	ppb
Phosphorus	31-2	16.70	4.66	16.51	12.62	54.65	ppb
Potassium	39-2	507.63	518.14	503.45	509.74	1.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	77-2	7.21	6.52	4.55	6.10	22.63	ppb
Selenium	78-2	5.45	5.20	6.74	5.80	14.27	ppb
Selenium	82-1	5.54	5.21	5.62	5.46	3.98	ppb
Silicon	28-1	6.92	7.10	7.52	7.18	4.24	ppb
Silver	109-1	1.08	1.06	1.08	1.08	0.98	ppb
Silver	107-1	1.16	1.20	1.11	1.16	4.31	ppb
Sodium	23-2	512.26	519.96	519.25	517.16	0.82	ppb
Strontium	86-1	0.92	1.00	0.97	0.96	4.51	ppb
Strontium	88-1	0.90	0.96	0.89	0.92	3.85	ppb
Sulfur	34-1	-168.95	-220.91	-297.91	-229.26		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.84	0.92	0.98	0.91	7.70	ppb
Thallium	205-1	0.90	0.94	0.93	0.92	2.48	ppb
Thorium	232-1	0.83	0.80	0.82	0.82	2.14	ppb
Tin	118-1	5.44	5.34	5.39	5.39	0.95	ppb
Titanium	47-1	5.41	5.11	4.67	5.06	7.32	ppb
Uranium	238-1	0.82	0.87	0.81	0.83	3.68	ppb
Vanadium	51-2	4.95	5.02	5.31	5.09	3.77	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.55	2.20	2.53	2.43	7.99	ppb
Zirconium	90-1	0.88	0.86	0.85	0.87	1.56	ppb
Zirconium	91-1	0.88	0.91	0.84	0.87	4.27	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : PB122050BL Instrumnet Name : P7
 Client Sample ID : PB122050BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 17:01:45 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.21	0.21	0.38	77.59	ppb
Antimony	121-1	0.01	-0.01	0.02	0.01	197.71	ppb
Arsenic	75-1	-0.04	0.44	-0.10	0.10	290.78	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.02	0.00	0.00	0.01	149.30	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	346.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	3.43	3.98	4.08	3.83	9.20	ppb
Boron	11-1	3.30	4.07	3.62	3.66	10.57	ppb
Cadmium	111-1	-0.19	0.03	-0.14	-0.10		ppb
Cadmium	106-1	-2.67	0.48	-1.92	-1.37		ppb
Cadmium	108-1	-0.03	0.05	0.14	0.05	155.57	ppb
Calcium	43-1	1.09	2.97	-1.24	0.94	224.31	ppb
Calcium	44-1	0.57	0.23	2.07	0.96	102.42	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	2370.80	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.04	0.01	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	1.07	0.86	1.01	0.98	10.70	ppb
Iron	57-2	0.34	1.43	1.58	1.12	60.40	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.02	-0.01	0.00	426.95	ppb
Lead	207-1	0.01	0.01	0.01	0.01	24.24	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.38	1.36	0.61	1.12	39.04	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : PB122050BL Instrumnet Name : P7
 Client Sample ID : PB122050BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 17:01:45 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	-0.01	0.00	446.25	ppb
Molybdenum	94-1	0.05	0.03	0.07	0.05	44.54	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	35.72	ppb
Molybdenum	96-1	0.03	0.01	0.05	0.03	52.05	ppb
Molybdenum	97-1	0.04	0.02	0.03	0.03	30.28	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	25.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-39.46	-45.42	-45.49	-43.46		ppb
Potassium	39-2	-1.66	2.10	9.03	3.16	171.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	0.90	0.27	0.71	54.10	ppb
Selenium	82-1	0.59	-0.74	0.12	-0.01		ppb
Silicon	28-1	-1.90	-1.70	-2.10	-1.90		ppb
Silver	109-1	0.00	0.00	0.01	0.00	157.98	ppb
Silver	107-1	0.00	0.01	0.01	0.01	107.70	ppb
Sodium	23-2	8.97	6.33	8.34	7.88	17.50	ppb
Strontium	86-1	-0.05	0.05	0.06	0.02	387.66	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	37.91	ppb
Sulfur	34-1	-225.73	-232.20	-263.92	-240.62		ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.00	0.02	0.01	93.03	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	42.18	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	76.04	ppb
Tin	118-1	0.01	0.02	0.04	0.02	60.05	ppb
Titanium	47-1	-0.01	-0.06	0.02	-0.02		ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	252.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:01:45	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.39	0.22	0.08	0.23	66.30	ppb
Zirconium	90-1	0.04	0.01	0.01	0.02	88.72	ppb
Zirconium	91-1	0.04	0.04	0.03	0.04	21.83	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	827.89	820.94	810.17	819.67	1.09	ppb
Antimony	121-1	39.00	38.33	38.49	38.61	0.91	ppb
Arsenic	75-1	47.10	46.32	47.26	46.89	1.07	ppb
Barium	135-1	2409.89	2346.07	2363.78	2373.25	1.39	ppb
Barium	137-1	2460.42	2453.21	2450.38	2454.67	0.21	ppb
Beryllium	9-1	10.43	10.21	10.30	10.31	1.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	931.78	948.28	969.56	949.88	1.99	ppb
Boron	11-1	944.66	959.89	991.45	965.33	2.47	ppb
Cadmium	111-1	39.83	38.50	39.87	39.40	1.99	ppb
Cadmium	106-1	29.93	26.92	32.95	29.93	10.08	ppb
Cadmium	108-1	37.14	33.52	31.94	34.20	7.80	ppb
Calcium	43-1	10.19	13.06	12.21	11.82	12.47	ppb
Calcium	44-1	10.89	9.79	8.19	9.62	14.13	ppb
Chromium	52-2	124.59	123.02	122.19	123.27	0.99	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	3.45	ppb
Copper	63-2	1418.15	1391.23	1406.15	1405.18	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	1474.53	1460.95	1462.16	1465.88	0.51	ppb
Iron	57-2	1452.37	1457.97	1454.42	1454.92	0.19	ppb
Krypton	83-1						cps
Lead	206-1	12.42	12.50	12.65	12.52	0.93	ppb
Lead	207-1	12.36	12.12	12.31	12.26	1.04	ppb
Lead	208-1	12.18	12.12	12.12	12.14	0.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	7.20	7.35	8.77	7.77	11.14	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	671.03	657.07	660.33	662.81	1.10	ppb
Molybdenum	94-1	57.71	57.52	57.87	57.70	0.30	ppb
Molybdenum	95-1	82.98	82.00	80.89	81.95	1.28	ppb
Molybdenum	96-1	78.99	79.17	78.99	79.05	0.13	ppb
Molybdenum	97-1	82.57	83.90	81.27	82.58	1.59	ppb
Molybdenum	98-1	82.58	81.54	82.29	82.14	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	166.06	165.76	163.73	165.18	0.77	ppb
Phosphorus	31-2	-45.33	-48.43	-39.54	-44.43		ppb
Potassium	39-2	5.26	5.22	5.49	5.32	2.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	13.72	13.69	18.34	15.25	17.55	ppb
Selenium	78-2	20.02	18.40	15.46	17.96	12.88	ppb
Selenium	82-1	16.18	15.21	17.12	16.17	5.92	ppb
Silicon	28-1	30.24	30.60	30.81	30.55	0.93	ppb
Silver	109-1	206.07	203.45	204.12	204.55	0.67	ppb
Silver	107-1	207.74	204.06	205.55	205.78	0.90	ppb
Sodium	23-2	22.35	24.76	25.99	24.37	7.60	ppb
Strontium	86-1	0.05	0.09	0.03	0.06	50.64	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	11.63	ppb
Sulfur	34-1	-682.96	-655.52	-767.57	-702.02		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	5.40	5.49	5.35	5.41	1.33	ppb
Thallium	205-1	5.41	5.33	5.34	5.36	0.86	ppb
Thorium	232-1	0.01	0.03	0.03	0.03	44.92	ppb
Tin	118-1	0.04	0.02	0.02	0.02	54.59	ppb
Titanium	47-1	0.11	0.14	0.16	0.14	16.52	ppb
Uranium	238-1	0.00	0.02	0.01	0.01	69.37	ppb
Vanadium	51-2	378.80	372.46	373.49	374.92	0.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1642.66	1633.71	1643.41	1639.93	0.33	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	15.72	ppb
Zirconium	91-1	0.10	0.07	0.08	0.09	18.98	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	814.43	833.56	826.99	824.99	1.18	ppb
Antimony	121-1	38.43	38.06	38.32	38.27	0.50	ppb
Arsenic	75-1	47.30	45.73	45.80	46.28	1.91	ppb
Barium	135-1	2350.06	2342.53	2364.32	2352.30	0.47	ppb
Barium	137-1	2424.79	2442.78	2461.77	2443.11	0.76	ppb
Beryllium	9-1	10.42	10.40	10.30	10.38	0.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	970.69	976.82	996.50	981.34	1.37	ppb
Boron	11-1	987.40	994.58	1020.20	1000.72	1.72	ppb
Cadmium	111-1	39.25	39.52	39.17	39.31	0.47	ppb
Cadmium	106-1	29.50	30.87	31.56	30.64	3.42	ppb
Cadmium	108-1	36.36	35.27	33.17	34.93	4.65	ppb
Calcium	43-1	5.82	8.23	5.55	6.53	22.54	ppb
Calcium	44-1	5.53	6.12	5.84	5.83	5.06	ppb
Chromium	52-2	123.56	125.37	124.80	124.58	0.74	ppb
Cobalt	59-2	0.05	0.03	0.05	0.04	29.09	ppb
Copper	63-2	1408.63	1423.48	1411.73	1414.62	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	1464.52	1478.55	1469.35	1470.81	0.48	ppb
Iron	57-2	1455.56	1450.51	1479.21	1461.76	1.05	ppb
Krypton	83-1						cps
Lead	206-1	12.30	12.60	12.50	12.46	1.23	ppb
Lead	207-1	12.12	12.32	12.05	12.16	1.17	ppb
Lead	208-1	11.97	12.17	12.06	12.07	0.81	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.85	1.15	0.84	0.95	18.60	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	666.04	670.36	670.44	668.94	0.38	ppb
Molybdenum	94-1	56.61	56.81	58.02	57.15	1.33	ppb
Molybdenum	95-1	81.41	81.04	82.44	81.63	0.89	ppb
Molybdenum	96-1	78.68	78.40	79.66	78.91	0.84	ppb
Molybdenum	97-1	82.76	82.01	83.88	82.88	1.13	ppb
Molybdenum	98-1	81.85	80.95	81.83	81.55	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	165.18	168.16	163.80	165.71	1.35	ppb
Phosphorus	31-2	-39.49	-39.49	-42.55	-40.51		ppb
Potassium	39-2	3.38	2.61	1.42	2.47	39.94	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	13.71	14.33	12.86	13.64	5.41	ppb
Selenium	78-2	17.88	14.92	17.69	16.83	9.83	ppb
Selenium	82-1	17.03	16.30	15.26	16.20	5.48	ppb
Silicon	28-1	29.46	29.65	30.16	29.76	1.22	ppb
Silver	109-1	203.92	204.30	204.25	204.15	0.10	ppb
Silver	107-1	204.54	203.35	205.13	204.34	0.44	ppb
Sodium	23-2	16.51	19.03	18.26	17.93	7.19	ppb
Strontium	86-1	0.00	0.06	0.07	0.04	89.64	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	12.79	ppb
Sulfur	34-1	-968.82	-931.13	-980.26	-960.07		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	5.48	5.32	5.53	5.44	2.03	ppb
Thallium	205-1	5.30	5.36	5.37	5.34	0.64	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	33.05	ppb
Tin	118-1	0.01	0.01	0.02	0.01	63.55	ppb
Titanium	47-1	0.00	0.00	-0.07	-0.02		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	375.50	376.54	378.94	376.99	0.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1632.98	1657.23	1637.03	1642.41	0.79	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	14.53	ppb
Zirconium	91-1	0.07	0.07	0.04	0.06	27.32	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10199.86	10118.63	10141.90	10153.46	0.41	ppb
Antimony	121-1	478.93	470.16	467.58	472.22	1.26	ppb
Arsenic	75-1	485.50	483.28	480.68	483.15	0.50	ppb
Barium	135-1	2373.61	2339.58	2311.45	2341.55	1.33	ppb
Barium	137-1	2460.98	2418.68	2408.50	2429.39	1.15	ppb
Beryllium	9-1	488.67	486.60	490.62	488.63	0.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	528.76	538.82	548.09	538.56	1.80	ppb
Boron	11-1	532.04	536.80	550.62	539.82	1.79	ppb
Cadmium	111-1	488.41	478.74	477.34	481.50	1.25	ppb
Cadmium	106-1	491.62	481.75	489.60	487.66	1.07	ppb
Cadmium	108-1	490.18	465.79	486.64	480.87	2.74	ppb
Calcium	43-1	49174.41	48947.49	49160.80	49094.23	0.26	ppb
Calcium	44-1	49635.83	49525.79	49843.10	49668.24	0.32	ppb
Chromium	52-2	487.76	478.89	481.86	482.84	0.94	ppb
Cobalt	59-2	488.82	486.58	485.43	486.94	0.35	ppb
Copper	63-2	958.63	955.91	952.59	955.71	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	26555.20	26368.08	26237.78	26387.02	0.60	ppb
Iron	57-2	26178.55	26194.99	26262.16	26211.90	0.17	ppb
Krypton	83-1						cps
Lead	206-1	494.74	485.67	487.17	489.20	0.99	ppb
Lead	207-1	489.94	484.44	488.35	487.58	0.58	ppb
Lead	208-1	477.28	471.97	476.53	475.26	0.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	53635.19	53189.07	53102.52	53308.93	0.54	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.19	970.02	962.95	967.05	0.38	ppb
Molybdenum	94-1	2393.98	2402.05	2413.25	2403.09	0.40	ppb
Molybdenum	95-1	2404.18	2406.53	2421.00	2410.57	0.38	ppb
Molybdenum	96-1	2404.00	2402.78	2425.24	2410.67	0.52	ppb
Molybdenum	97-1	2323.71	2296.25	2318.10	2312.69	0.63	ppb
Molybdenum	98-1	2399.37	2393.14	2406.17	2399.56	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.47	485.58	484.90	486.98	0.62	ppb
Phosphorus	31-2	10029.29	9460.60	9605.51	9698.47	3.05	ppb
Potassium	39-2	25294.43	25220.14	25095.54	25203.37	0.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	474.94	495.82	482.05	484.27	2.19	ppb
Selenium	78-2	497.66	478.94	508.60	495.07	3.03	ppb
Selenium	82-1	491.94	486.68	494.73	491.11	0.83	ppb
Silicon	28-1	527.73	530.58	527.99	528.77	0.30	ppb
Silver	109-1	480.72	471.11	465.14	472.32	1.66	ppb
Silver	107-1	482.04	469.91	471.07	474.34	1.41	ppb
Sodium	23-2	53222.41	53021.12	53149.54	53131.03	0.19	ppb
Strontium	86-1	479.92	476.15	476.08	477.38	0.46	ppb
Strontium	88-1	479.90	480.66	482.28	480.94	0.25	ppb
Sulfur	34-1	9733.72	9472.94	9379.67	9528.78	1.93	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	477.82	472.84	476.96	475.87	0.56	ppb
Thallium	205-1	487.96	482.46	490.86	487.09	0.88	ppb
Thorium	232-1	470.04	467.01	475.18	470.74	0.88	ppb
Tin	118-1	495.18	487.17	485.26	489.20	1.08	ppb
Titanium	47-1	2440.63	2428.71	2397.47	2422.27	0.92	ppb
Uranium	238-1	470.08	468.08	470.08	469.41	0.25	ppb
Vanadium	51-2	485.42	479.45	478.78	481.22	0.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	954.74	956.27	950.73	953.91	0.30	ppb
Zirconium	90-1	484.55	483.44	485.02	484.34	0.17	ppb
Zirconium	91-1	475.42	471.68	476.65	474.59	0.55	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50734.80	51020.84	50802.41	50852.68	0.29	ppb
Antimony	121-1	476.83	475.33	480.18	477.44	0.52	ppb
Arsenic	75-1	504.13	495.55	498.30	499.33	0.88	ppb
Barium	135-1	2272.42	2264.31	2289.53	2275.42	0.57	ppb
Barium	137-1	2355.35	2366.21	2380.98	2367.51	0.54	ppb
Beryllium	9-1	469.46	473.78	472.49	471.91	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	539.64	541.76	540.30	540.57	0.20	ppb
Boron	11-1	542.68	550.66	549.65	547.66	0.79	ppb
Cadmium	111-1	505.70	502.42	508.04	505.39	0.56	ppb
Cadmium	106-1	485.61	493.77	503.38	494.25	1.80	ppb
Cadmium	108-1	491.31	502.05	504.95	499.44	1.44	ppb
Calcium	43-1	236056.21	242748.34	233004.95	237269.84	2.10	ppb
Calcium	44-1	243543.57	240931.11	241440.06	241971.58	0.57	ppb
Chromium	52-2	474.07	485.55	476.77	478.80	1.25	ppb
Cobalt	59-2	463.60	474.31	466.04	467.98	1.20	ppb
Copper	63-2	991.07	1022.10	1005.87	1006.35	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	123095.55	124680.61	123224.67	123666.95	0.71	ppb
Iron	57-2	120548.27	121956.36	121493.33	121332.66	0.59	ppb
Krypton	83-1						cps
Lead	206-1	494.51	495.04	494.69	494.75	0.05	ppb
Lead	207-1	489.80	489.50	491.84	490.38	0.26	ppb
Lead	208-1	478.84	478.99	479.21	479.01	0.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	255096.06	257267.25	254916.18	255759.83	0.51	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	930.09	957.33	943.23	943.55	1.44	ppb
Molybdenum	94-1	2393.96	2383.93	2373.84	2383.91	0.42	ppb
Molybdenum	95-1	2405.09	2374.00	2388.82	2389.30	0.65	ppb
Molybdenum	96-1	2399.02	2377.58	2389.18	2388.60	0.45	ppb
Molybdenum	97-1	2307.11	2297.23	2280.57	2294.97	0.58	ppb
Molybdenum	98-1	2393.35	2384.82	2381.43	2386.53	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.28	469.30	465.37	464.98	0.97	ppb
Phosphorus	31-2	9285.28	9499.11	9506.16	9430.18	1.33	ppb
Potassium	39-2	125516.76	126644.31	126341.57	126167.55	0.46	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	481.11	451.88	444.94	459.31	4.18	ppb
Selenium	78-2	486.90	480.77	474.36	480.68	1.30	ppb
Selenium	82-1	476.67	475.55	469.27	473.83	0.84	ppb
Silicon	28-1	511.60	515.74	516.23	514.52	0.49	ppb
Silver	109-1	482.09	478.34	479.46	479.96	0.40	ppb
Silver	107-1	481.18	482.29	482.24	481.91	0.13	ppb
Sodium	23-2	255417.90	256782.14	255209.42	255803.15	0.33	ppb
Strontium	86-1	475.15	474.77	470.48	473.46	0.55	ppb
Strontium	88-1	475.92	476.30	476.50	476.24	0.06	ppb
Sulfur	34-1	9307.97	9180.32	9113.09	9200.46	1.08	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	477.44	479.07	480.79	479.10	0.35	ppb
Thallium	205-1	491.08	492.52	497.16	493.59	0.64	ppb
Thorium	232-1	497.52	497.40	501.02	498.65	0.41	ppb
Tin	118-1	465.30	464.00	467.16	465.49	0.34	ppb
Titanium	47-1	2386.83	2387.76	2401.24	2391.94	0.34	ppb
Uranium	238-1	493.29	492.90	497.22	494.47	0.48	ppb
Vanadium	51-2	471.58	482.81	476.19	476.86	1.18	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1012.58	1044.82	1022.44	1026.61	1.61	ppb
Zirconium	90-1	461.54	475.59	454.63	463.92	2.30	ppb
Zirconium	91-1	476.00	472.49	470.85	473.11	0.56	ppb

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 18:07:00 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.73	0.22	0.56	53.22	ppb
Antimony	121-1	0.16	0.14	0.11	0.14	18.17	ppb
Arsenic	75-1	-0.05	-0.17	-0.08	-0.10		ppb
Barium	135-1	0.04	0.02	0.03	0.03	45.24	ppb
Barium	137-1	0.03	0.06	0.03	0.04	46.96	ppb
Beryllium	9-1	0.01	0.04	0.02	0.03	61.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	21.34	19.68	20.42	20.48	4.06	ppb
Boron	11-1	19.77	20.19	19.71	19.89	1.32	ppb
Cadmium	111-1	-0.20	-0.37	-0.10	-0.22		ppb
Cadmium	106-1	-2.94	-4.94	-1.54	-3.14		ppb
Cadmium	108-1	-0.03	0.05	-0.07	-0.02		ppb
Calcium	43-1	0.13	1.08	1.06	0.76	71.52	ppb
Calcium	44-1	-0.09	0.50	0.91	0.44	115.06	ppb
Chromium	52-2	-0.01	-0.01	0.02	0.00	769.46	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	0.84	0.94	0.99	0.92	8.46	ppb
Iron	57-2	1.41	1.90	0.78	1.36	41.08	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.02	-0.01		ppb
Lead	207-1	0.04	0.00	0.00	0.01	133.07	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	713.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.45	0.73	1.94	1.04	76.43	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 18:07:00	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.01	0.00	579.87	ppb
Molybdenum	94-1	0.10	0.03	0.01	0.05	88.92	ppb
Molybdenum	95-1	0.11	0.06	0.05	0.07	43.62	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.08	8.83	ppb
Molybdenum	97-1	0.09	0.06	0.05	0.07	28.10	ppb
Molybdenum	98-1	0.10	0.06	0.05	0.07	41.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.03	0.01	142.59	ppb
Phosphorus	31-2	-51.11	-51.19	-45.19	-49.16		ppb
Potassium	39-2	-0.55	0.99	0.17	0.20	383.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.35	-0.52	0.63	0.49	193.55	ppb
Selenium	82-1	0.14	0.64	-0.37	0.14	370.75	ppb
Silicon	28-1	-3.32	-3.43	-4.61	-3.79		ppb
Silver	109-1	0.00	0.02	0.00	0.01	163.92	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.46	ppb
Sodium	23-2	9.44	9.08	10.31	9.61	6.60	ppb
Strontium	86-1	0.01	0.03	-0.01	0.01	210.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.39	ppb
Sulfur	34-1	-636.92	-562.14	-493.81	-564.29		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.02	0.02	0.02	33.89	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.73	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.88	ppb
Tin	118-1	0.03	0.06	0.06	0.05	40.29	ppb
Titanium	47-1	-0.09	0.01	-0.04	-0.04		ppb
Uranium	238-1	0.00	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	352.42	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 18:07:00	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.12	0.15	0.12	33.69	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	25.91	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	29.31	ppb

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:43:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	17	6	173.21	cps
Antimony	121-1	105	133	99	112	15.86	cps
Arsenic	75-1	-184	-262	-163	-203	-25.76	cps
Barium	135-1	25	25	8	19	49.50	cps
Barium	137-1	25	33	8	22	57.29	cps
Beryllium	9-1	47	60	60	56	13.85	cps
Bismuth	209-1	3609738	3543349	4061501	3738196	7.54	cps
Bismuth	209-2	2746316	2643846	2618574	2669578	2.53	cps
Boron	10-1	375	442	458	425	10.38	cps
Boron	11-1	1775	2017	2042	1945	7.57	cps
Cadmium	111-1	3171	3055	3151	3126	1.99	cps
Cadmium	106-1	4509	4351	4493	4451	1.96	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	58	100	83	81	26.03	cps
Calcium	44-1	5293	5285	5894	5491	6.36	cps
Chromium	52-2	220	173	193	196	11.97	cps
Cobalt	59-2	27	47	40	38	26.95	cps
Copper	63-2	413	400	373	396	5.15	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	50	47	20	39	42.28	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	90	120	107	106	14.24	cps
Holmium	165-1	6434533	6373014	6824108	6543885	3.74	cps
Holmium	165-2	3837237	3652929	3597772	3695979	3.39	cps
Indium	115-1	5376545	5314245	5698354	5463048	3.77	cps
Indium	115-2	1211933	1159898	1142635	1171489	3.08	cps
Iron	56-2	1706	1695	1889	1763	6.19	cps
Iron	57-2	111	106	106	107	2.98	cps
Krypton	83-1	137	147	147	143	4.03	cps
Lead	206-1	494	472	461	476	3.57	cps
Lead	207-1	461	456	533	483	8.98	cps
Lead	208-1	1617	1572	1756	1648	5.80	cps
Lithium	6-1	2710953	2689889	2857207	2752683	3.31	cps
Magnesium	24-2	108	92	108	103	9.36	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:43:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	37	37	0.00	cps
Molybdenum	94-1	233	242	167	214	19.22	cps
Molybdenum	95-1	75	42	83	67	33.07	cps
Molybdenum	96-1	108	92	92	97	9.90	cps
Molybdenum	97-1	42	0	42	28	86.60	cps
Molybdenum	98-1	83	92	92	89	5.41	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	53	47	47	14.28	cps
Phosphorus	31-2	8	50	67	42	72.12	cps
Potassium	39-2	8394	8336	7936	8222	3.04	cps
Rhodium	103-1	4969144	4900891	5255356	5041797	3.73	cps
Rhodium	103-2	2530048	2436939	2415216	2460734	2.48	cps
Scandium	45-1	3573359	3514144	3855596	3647700	5.00	cps
Scandium	45-2	155483	147997	146668	150049	3.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	11	39	28	53.12	cps
Selenium	82-1	36	52	25	38	36.17	cps
Silicon	28-1	95521	95596	95103	95407	0.28	cps
Silver	109-1	17	58	42	39	53.93	cps
Silver	107-1	50	75	75	67	21.65	cps
Sodium	23-2	2875	2409	2700	2661	8.86	cps
Strontium	86-1	292	183	242	239	22.70	cps
Strontium	88-1	42	42	50	44	10.82	cps
Sulfur	34-1	163772	162654	160749	162392	0.94	cps
Terbium	159-1	6781392	6690098	7145145	6872212	3.50	cps
Terbium	159-2	3795572	3619295	3571114	3661994	3.23	cps
Thallium	203-1	375	267	350	331	17.16	cps
Thallium	205-1	433	542	492	489	11.09	cps
Thorium	232-1	1289	1267	1317	1291	1.94	cps
Tin	118-1	342	525	517	461	22.45	cps
Titanium	47-1	125	58	42	75	58.79	cps
Uranium	238-1	1700	1575	2009	1761	12.66	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	14176941	13919128	15000989	14365686	3.93	cps
Yttrium	89-2	2132599	2031359	2021370	2061776	2.98	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:43:36	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183	150	137	157	15.34	cps
Zirconium	90-1	475	483	408	456	9.02	cps
Zirconium	91-1	67	58	67	64	7.53	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:47:14	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	883	933	870	8.26	cps
Antimony	121-1	8929	8693	9331	8984	3.59	cps
Arsenic	75-1	1103	738	1292	1044	26.99	cps
Barium	135-1	11447	11947	11305	11566	2.92	cps
Barium	137-1	18888	19623	19790	19434	2.47	cps
Beryllium	9-1	1513	1457	1410	1460	3.55	cps
Bismuth	209-1	3582731	3521850	3580619	3561733	0.97	cps
Bismuth	209-2	2592717	2644603	2644709	2627343	1.14	cps
Boron	10-1	5343	5593	5310	5415	2.86	cps
Boron	11-1	23419	23611	23953	23661	1.14	cps
Cadmium	111-1	4379	4388	4141	4303	3.26	cps
Cadmium	106-1	4609	4634	4301	4515	4.11	cps
Cadmium	108-1	121	92	129	114	17.29	cps
Calcium	43-1	7927	7819	8019	7922	1.26	cps
Calcium	44-1	127748	129186	130061	128998	0.91	cps
Chromium	52-2	3007	2764	2864	2878	4.25	cps
Cobalt	59-2	2114	2367	2300	2260	5.81	cps
Copper	63-2	3327	3537	3310	3392	3.73	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	10	37	20	22	60.63	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	13	30	37	27	45.08	cps
Gadolinium	160-1	67	33	58	53	32.88	cps
Gadolinium	160-2	160	137	157	151	8.35	cps
Holmium	165-1	6129485	6045181	6178107	6117591	1.10	cps
Holmium	165-2	3623645	3659312	3675914	3652957	0.73	cps
Indium	115-1	5116702	5012050	5099992	5076248	1.11	cps
Indium	115-2	1148481	1157899	1164732	1157037	0.71	cps
Iron	56-2	64391	64419	63520	64110	0.80	cps
Iron	57-2	1556	1628	1745	1643	5.80	cps
Krypton	83-1	147	130	123	133	9.01	cps
Lead	206-1	3801	3612	3656	3690	2.68	cps
Lead	207-1	3189	3401	3245	3278	3.34	cps
Lead	208-1	14426	14642	14114	14394	1.84	cps
Lithium	6-1	2714037	2679870	2720567	2704825	0.81	cps
Magnesium	24-2	53430	52618	53789	53279	1.13	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 15:47:14 DataFile Name : 003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	890	897	937	908	2.78	cps
Molybdenum	94-1	9412	9812	9787	9670	2.32	cps
Molybdenum	95-1	12247	12064	12464	12258	1.64	cps
Molybdenum	96-1	13624	13498	12856	13326	3.09	cps
Molybdenum	97-1	7135	7744	7461	7447	4.09	cps
Molybdenum	98-1	19264	18938	19172	19125	0.88	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	643	557	667	622	9.31	cps
Phosphorus	31-2	192	242	317	250	25.17	cps
Potassium	39-2	58926	58056	58910	58631	0.85	cps
Rhodium	103-1	4787461	4722996	4752945	4754467	0.68	cps
Rhodium	103-2	2420762	2443895	2453107	2439255	0.68	cps
Scandium	45-1	3599449	3519964	3576794	3565402	1.15	cps
Scandium	45-2	148108	148538	148169	148272	0.16	cps
Selenium	77-2	17	23	23	21	18.21	cps
Selenium	78-2	130	133	128	130	2.17	cps
Selenium	82-1	499	597	530	542	9.26	cps
Silicon	28-1	131254	129154	129473	129960	0.87	cps
Silver	109-1	5643	5885	5585	5704	2.79	cps
Silver	107-1	5760	5735	6277	5924	5.16	cps
Sodium	23-2	102834	104092	102465	103130	0.83	cps
Strontium	86-1	1842	1884	1642	1789	7.22	cps
Strontium	88-1	13357	13749	13724	13610	1.61	cps
Sulfur	34-1	165475	163319	164297	164364	0.66	cps
Terbium	159-1	6444520	6371277	6488026	6434607	0.92	cps
Terbium	159-2	3604003	3660739	3646268	3637004	0.81	cps
Thallium	203-1	3867	3992	4109	3990	3.03	cps
Thallium	205-1	9787	10346	9712	9949	3.48	cps
Thorium	232-1	12890	12929	12668	12829	1.10	cps
Tin	118-1	20382	20032	19631	20015	1.88	cps
Titanium	47-1	3692	3509	3301	3501	5.60	cps
Uranium	238-1	13165	13633	12632	13143	3.81	cps
Vanadium	51-2	5871	5785	5811	5822	0.76	cps
Yttrium	89-1	13756388	13466162	13783383	13668644	1.29	cps
Yttrium	89-2	2028987	2030945	2058879	2039604	0.82	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:47:14	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	773	823	730	776	6.02	cps
Zirconium	90-1	7694	7352	7702	7583	2.64	cps
Zirconium	91-1	1675	1750	1642	1689	3.29	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44960	45871	44876	45236	1.22	cps
Antimony	121-1	248235	250346	248145	248909	0.50	cps
Arsenic	75-1	49314	50527	50789	50210	1.57	cps
Barium	135-1	282407	287604	282943	284318	1.01	cps
Barium	137-1	482226	490502	484915	485881	0.87	cps
Beryllium	9-1	71213	72746	70228	71396	1.78	cps
Bismuth	209-1	3608509	3688646	3621997	3639717	1.18	cps
Bismuth	209-2	2659656	2693750	2689772	2681059	0.70	cps
Boron	10-1	10037	10037	10579	10218	3.06	cps
Boron	11-1	46907	47443	46756	47035	0.77	cps
Cadmium	111-1	67852	68517	66807	67725	1.27	cps
Cadmium	106-1	11455	11897	11230	11527	2.94	cps
Cadmium	108-1	5047	5239	4797	5027	4.41	cps
Calcium	43-1	76524	80109	78148	78260	2.29	cps
Calcium	44-1	1265266	1283975	1261015	1270085	0.96	cps
Chromium	52-2	67262	67664	67159	67362	0.40	cps
Cobalt	59-2	109968	111375	111251	110865	0.70	cps
Copper	63-2	155428	155283	155374	155362	0.05	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	13	20	30	21	39.75	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	27	43	40	37	24.04	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	137	120	127	128	6.57	cps
Holmium	165-1	6198529	6317099	6265010	6260213	0.95	cps
Holmium	165-2	3681041	3758456	3751399	3730299	1.15	cps
Indium	115-1	5106959	5204979	5111405	5141114	1.08	cps
Indium	115-2	1148689	1167270	1165242	1160400	0.88	cps
Iron	56-2	2814981	2823920	2816066	2818322	0.17	cps
Iron	57-2	71384	72702	73138	72408	1.26	cps
Krypton	83-1	123	133	163	140	14.87	cps
Lead	206-1	162063	165224	163103	163463	0.99	cps
Lead	207-1	141971	143819	143005	142932	0.65	cps
Lead	208-1	648490	661746	653135	654457	1.03	cps
Lithium	6-1	2724433	2765162	2721607	2737067	0.89	cps
Magnesium	24-2	519194	524839	517919	520651	0.71	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83760	84625	84682	84356	0.61	cps
Molybdenum	94-1	494828	506563	490771	497387	1.65	cps
Molybdenum	95-1	612025	620063	609824	613971	0.88	cps
Molybdenum	96-1	673629	689119	679393	680714	1.15	cps
Molybdenum	97-1	382724	385721	384019	384155	0.39	cps
Molybdenum	98-1	981621	989228	988123	986324	0.42	cps
Neodymium	150-1	7	33	47	29	70.50	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	28441	29887	28338	28889	3.00	cps
Phosphorus	31-2	2559	2700	2500	2586	3.98	cps
Potassium	39-2	257523	263918	261821	261087	1.25	cps
Rhodium	103-1	4736004	4804903	4735254	4758720	0.84	cps
Rhodium	103-2	2414454	2439971	2445901	2433442	0.69	cps
Scandium	45-1	3562176	3614514	3593032	3589907	0.73	cps
Scandium	45-2	147038	148744	146838	147540	0.71	cps
Selenium	77-2	220	223	243	229	5.51	cps
Selenium	78-2	763	896	832	830	8.03	cps
Selenium	82-1	5244	5422	5112	5259	2.96	cps
Silicon	28-1	276632	282239	283541	280804	1.31	cps
Silver	109-1	284961	288104	280676	284580	1.31	cps
Silver	107-1	297175	300765	297966	298635	0.63	cps
Sodium	23-2	996242	1005252	995450	998982	0.55	cps
Strontium	86-1	76990	78020	77551	77520	0.67	cps
Strontium	88-1	679432	687780	676903	681372	0.84	cps
Sulfur	34-1	198540	198894	196016	197816	0.79	cps
Terbium	159-1	6526425	6656093	6568342	6583620	1.01	cps
Terbium	159-2	3660594	3704060	3712088	3692248	0.75	cps
Thallium	203-1	200540	202569	200804	201304	0.55	cps
Thallium	205-1	474120	484447	474992	477853	1.20	cps
Thorium	232-1	636012	650756	639301	642023	1.21	cps
Tin	118-1	191747	197663	195633	195014	1.54	cps
Titanium	47-1	171070	173078	172009	172052	0.58	cps
Uranium	238-1	604251	612935	598417	605201	1.21	cps
Vanadium	51-2	54346	55082	55039	54823	0.75	cps
Yttrium	89-1	13793996	13928111	13749836	13823981	0.67	cps
Yttrium	89-2	2028186	2065428	2057025	2050213	0.95	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:51:21	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26822	26948	27072	26947	0.46	cps
Zirconium	90-1	400404	408524	401081	403336	1.12	cps
Zirconium	91-1	87877	92390	90510	90259	2.51	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109566	108416	106285	108089	1.54	cps
Antimony	121-1	612945	618223	614204	615124	0.45	cps
Arsenic	75-1	121152	124220	121271	122215	1.42	cps
Barium	135-1	699387	696124	699547	698353	0.28	cps
Barium	137-1	1194822	1197927	1208947	1200565	0.62	cps
Beryllium	9-1	169149	174772	171983	171968	1.64	cps
Bismuth	209-1	3585840	3778030	3701028	3688299	2.62	cps
Bismuth	209-2	2623546	2651451	2620407	2631801	0.65	cps
Boron	10-1	24604	25422	26040	25355	2.84	cps
Boron	11-1	112454	115388	116320	114721	1.76	cps
Cadmium	111-1	162723	161495	161003	161740	0.55	cps
Cadmium	106-1	21734	20874	22018	21542	2.76	cps
Cadmium	108-1	12101	11855	12360	12105	2.08	cps
Calcium	43-1	190219	190942	189669	190277	0.34	cps
Calcium	44-1	2979441	3047826	2991538	3006268	1.21	cps
Chromium	52-2	159633	159188	157046	158622	0.87	cps
Cobalt	59-2	260653	262653	255859	259722	1.34	cps
Copper	63-2	359483	363310	357045	359946	0.88	cps
Dysprosium	156-1	42	33	8	28	62.46	cps
Dysprosium	156-2	33	33	17	28	34.63	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	133	117	97	116	15.89	cps
Holmium	165-1	6005962	6506366	6343584	6285304	4.06	cps
Holmium	165-2	3660735	3688983	3665598	3671772	0.41	cps
Indium	115-1	4905779	5180070	5120984	5068945	2.85	cps
Indium	115-2	1112326	1118597	1113047	1114657	0.31	cps
Iron	56-2	6661726	6633512	6494855	6596698	1.35	cps
Iron	57-2	170135	173243	168179	170519	1.50	cps
Krypton	83-1	170	143	137	150	11.76	cps
Lead	206-1	411676	412469	415243	413129	0.45	cps
Lead	207-1	363780	363387	358094	361754	0.88	cps
Lead	208-1	1654902	1657824	1641892	1651539	0.51	cps
Lithium	6-1	2589633	2747409	2700071	2679038	3.02	cps
Magnesium	24-2	1248417	1244999	1217850	1237089	1.35	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	199841	200960	198280	199694	0.67	cps
Molybdenum	94-1	1209366	1222432	1201249	1211016	0.88	cps
Molybdenum	95-1	1479815	1507934	1492188	1493312	0.94	cps
Molybdenum	96-1	1655997	1665720	1666284	1662667	0.35	cps
Molybdenum	97-1	930089	948317	944376	940928	1.02	cps
Molybdenum	98-1	2391243	2408913	2386286	2395481	0.50	cps
Neodymium	150-1	40	87	60	62	37.63	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	67582	67655	66202	67146	1.22	cps
Phosphorus	31-2	6168	6260	6151	6193	0.94	cps
Potassium	39-2	596799	595228	586824	592951	0.90	cps
Rhodium	103-1	4493586	4775660	4700264	4656504	3.14	cps
Rhodium	103-2	2322981	2342954	2307858	2324598	0.76	cps
Scandium	45-1	3371137	3625923	3521196	3506085	3.65	cps
Scandium	45-2	139344	140694	138301	139447	0.86	cps
Selenium	77-2	560	580	557	566	2.23	cps
Selenium	78-2	1887	1950	1926	1921	1.65	cps
Selenium	82-1	12282	12643	12823	12583	2.19	cps
Silicon	28-1	549348	553734	561513	554865	1.11	cps
Silver	109-1	696552	692640	691769	693654	0.37	cps
Silver	107-1	720383	729862	728956	726400	0.72	cps
Sodium	23-2	2378655	2376350	2336316	2363774	1.01	cps
Strontium	86-1	191734	191553	189679	190989	0.60	cps
Strontium	88-1	1660603	1658671	1644612	1654628	0.53	cps
Sulfur	34-1	233180	230074	229964	231072	0.79	cps
Terbium	159-1	6255574	6764084	6653089	6557582	4.08	cps
Terbium	159-2	3629952	3636329	3613029	3626437	0.33	cps
Thallium	203-1	511336	508381	508179	509299	0.35	cps
Thallium	205-1	1197163	1198345	1201124	1198877	0.17	cps
Thorium	232-1	1631160	1642970	1645135	1639755	0.46	cps
Tin	118-1	474229	478977	478169	477125	0.53	cps
Titanium	47-1	412555	417040	413011	414202	0.60	cps
Uranium	238-1	1545366	1552849	1571433	1556549	0.86	cps
Vanadium	51-2	129761	129973	126240	128658	1.63	cps
Yttrium	89-1	13090158	13907766	13573151	13523692	3.04	cps
Yttrium	89-2	1947743	1968693	1948156	1954864	0.61	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:55:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60434	60197	59337	59989	0.96	cps
Zirconium	90-1	981190	986081	984518	983930	0.25	cps
Zirconium	91-1	220188	224219	220074	221494	1.07	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205931	204934	205763	205543	0.26	cps
Antimony	121-1	1213975	1204870	1205573	1208139	0.42	cps
Arsenic	75-1	231916	233642	232218	232592	0.40	cps
Barium	135-1	1382566	1391151	1381790	1385169	0.38	cps
Barium	137-1	2366340	2365310	2363247	2364966	0.07	cps
Beryllium	9-1	329581	329884	327685	329050	0.36	cps
Bismuth	209-1	3703618	3737732	3747414	3729588	0.62	cps
Bismuth	209-2	2624656	2615094	2604287	2614679	0.39	cps
Boron	10-1	48663	49298	50360	49440	1.73	cps
Boron	11-1	222975	224900	230195	226024	1.65	cps
Cadmium	111-1	311650	312925	309013	311196	0.64	cps
Cadmium	106-1	36941	38060	37400	37467	1.50	cps
Cadmium	108-1	22906	23795	22852	23185	2.28	cps
Calcium	43-1	368426	368173	368982	368527	0.11	cps
Calcium	44-1	5951052	5948634	5906673	5935453	0.42	cps
Chromium	52-2	301510	302354	303898	302587	0.40	cps
Cobalt	59-2	489078	489016	491335	489810	0.27	cps
Copper	63-2	671666	675453	676004	674374	0.35	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	40	47	50	46	11.18	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	33	58	58	50	28.88	cps
Gadolinium	160-2	140	143	137	140	2.38	cps
Holmium	165-1	6372572	6352430	6455327	6393443	0.85	cps
Holmium	165-2	3660468	3675115	3660626	3665403	0.23	cps
Indium	115-1	4938416	4961909	4947204	4949176	0.24	cps
Indium	115-2	1080890	1080708	1076269	1079289	0.24	cps
Iron	56-2	12635826	12533043	12647742	12605537	0.50	cps
Iron	57-2	327242	323655	330429	327109	1.04	cps
Krypton	83-1	137	143	117	132	10.50	cps
Lead	206-1	827715	844219	839816	837250	1.02	cps
Lead	207-1	727390	735841	736471	733234	0.69	cps
Lead	208-1	3302552	3347388	3347391	3332444	0.78	cps
Lithium	6-1	2630847	2614157	2623019	2622674	0.32	cps
Magnesium	24-2	2371085	2339458	2350603	2353715	0.68	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379162	381293	383314	381256	0.54	cps
Molybdenum	94-1	2364490	2356128	2355514	2358710	0.21	cps
Molybdenum	95-1	2900436	2904856	2884981	2896758	0.36	cps
Molybdenum	96-1	3212233	3220025	3201937	3211398	0.28	cps
Molybdenum	97-1	1823608	1832852	1813533	1823331	0.53	cps
Molybdenum	98-1	4739165	4711929	4736182	4729092	0.32	cps
Neodymium	150-1	120	93	113	109	12.74	cps
Neodymium	150-2	13	20	13	16	24.76	cps
Nickel	60-2	126577	126907	126772	126752	0.13	cps
Phosphorus	31-2	11371	10888	12022	11427	4.98	cps
Potassium	39-2	1118999	1118966	1121918	1119961	0.15	cps
Rhodium	103-1	4505557	4460302	4457087	4474316	0.61	cps
Rhodium	103-2	2239463	2251846	2235853	2242387	0.37	cps
Scandium	45-1	3375207	3371303	3398204	3381571	0.43	cps
Scandium	45-2	134160	133753	133367	133760	0.30	cps
Selenium	77-2	987	1080	1170	1079	8.50	cps
Selenium	78-2	3619	3547	3654	3607	1.52	cps
Selenium	82-1	24380	24386	24110	24292	0.65	cps
Silicon	28-1	1010653	1015443	1004962	1010353	0.52	cps
Silver	109-1	1326978	1354532	1326162	1335891	1.21	cps
Silver	107-1	1392819	1402518	1392569	1395969	0.41	cps
Sodium	23-2	4568680	4525934	4536741	4543785	0.49	cps
Strontium	86-1	376352	370774	371616	372914	0.81	cps
Strontium	88-1	3204271	3222997	3187463	3204910	0.55	cps
Sulfur	34-1	281658	280648	275460	279255	1.19	cps
Terbium	159-1	6653234	6668826	6722331	6681464	0.54	cps
Terbium	159-2	3632321	3628381	3599650	3620118	0.49	cps
Thallium	203-1	1028409	1028431	1028652	1028497	0.01	cps
Thallium	205-1	2393508	2427430	2405792	2408910	0.71	cps
Thorium	232-1	3317248	3336138	3344464	3332617	0.42	cps
Tin	118-1	933738	950782	941983	942168	0.90	cps
Titanium	47-1	803147	797334	794616	798366	0.55	cps
Uranium	238-1	3172840	3165981	3178478	3172433	0.20	cps
Vanadium	51-2	245373	244191	246077	245214	0.39	cps
Yttrium	89-1	13200857	13214515	13172431	13195934	0.16	cps
Yttrium	89-2	1908808	1903893	1899838	1904180	0.24	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 15:59:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	112389	113308	110776	112158	1.14	cps
Zirconium	90-1	1932854	1904289	1924444	1920529	0.76	cps
Zirconium	91-1	434092	434133	437688	435304	0.47	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:03:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405133	403854	406400	405129	0.31	cps
Antimony	121-1	2352056	2337330	2375124	2354837	0.81	cps
Arsenic	75-1	449716	445120	457522	450786	1.39	cps
Barium	135-1	2701291	2710638	2711596	2707842	0.21	cps
Barium	137-1	4801705	4823301	4826876	4817294	0.28	cps
Beryllium	9-1	630298	627307	630733	629446	0.30	cps
Bismuth	209-1	3718720	3737035	3748049	3734601	0.40	cps
Bismuth	209-2	2602213	2596680	2625343	2608078	0.58	cps
Boron	10-1	94253	95326	97388	95655	1.67	cps
Boron	11-1	424676	428112	440185	430991	1.89	cps
Cadmium	111-1	596811	597854	600996	598553	0.36	cps
Cadmium	106-1	69178	67999	69462	68880	1.13	cps
Cadmium	108-1	45393	44595	44670	44886	0.98	cps
Calcium	43-1	719891	724184	719170	721082	0.38	cps
Calcium	44-1	11639309	11627569	11649244	11638707	0.09	cps
Chromium	52-2	593549	587075	599045	593223	1.01	cps
Cobalt	59-2	948224	955471	957607	953767	0.52	cps
Copper	63-2	1291568	1295486	1307626	1298226	0.64	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	57	27	60	48	38.42	cps
Erbium	164-1	33	33	92	53	63.82	cps
Erbium	164-2	40	47	23	37	32.79	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	147	137	120	134	10.02	cps
Holmium	165-1	6478777	6483214	6521130	6494374	0.36	cps
Holmium	165-2	3684652	3718611	3726368	3709877	0.60	cps
Indium	115-1	4909611	4890564	4873345	4891173	0.37	cps
Indium	115-2	1069810	1068741	1086797	1075116	0.94	cps
Iron	56-2	25017875	25067548	25047880	25044434	0.10	cps
Iron	57-2	638617	647262	640161	642013	0.72	cps
Krypton	83-1	153	173	140	156	10.79	cps
Lead	206-1	1653055	1641006	1674711	1656257	1.03	cps
Lead	207-1	1439819	1444078	1447927	1443941	0.28	cps
Lead	208-1	6509538	6518062	6566662	6531421	0.47	cps
Lithium	6-1	2565662	2554410	2565221	2561764	0.25	cps
Magnesium	24-2	4759353	4717043	4770275	4748890	0.59	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:03:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	754403	749128	758851	754127	0.65	cps
Molybdenum	94-1	4708673	4691452	4748234	4716120	0.62	cps
Molybdenum	95-1	5807538	5813219	5857627	5826128	0.47	cps
Molybdenum	96-1	6440468	6448369	6480158	6456332	0.33	cps
Molybdenum	97-1	3515317	3504917	3545775	3522003	0.60	cps
Molybdenum	98-1	9311550	9283000	9320404	9304985	0.21	cps
Neodymium	150-1	213	213	213	213	0.00	cps
Neodymium	150-2	20	43	37	33	36.05	cps
Nickel	60-2	241937	244046	246594	244192	0.95	cps
Phosphorus	31-2	22651	22284	23269	22735	2.19	cps
Potassium	39-2	2183530	2195654	2205000	2194728	0.49	cps
Rhodium	103-1	4379514	4371386	4385955	4378952	0.17	cps
Rhodium	103-2	2221270	2203380	2226734	2217128	0.55	cps
Scandium	45-1	3334983	3310572	3352094	3332550	0.63	cps
Scandium	45-2	133862	133632	135675	134390	0.83	cps
Selenium	77-2	2130	1947	2210	2096	6.44	cps
Selenium	78-2	6928	6987	6935	6950	0.46	cps
Selenium	82-1	46521	46669	47004	46731	0.53	cps
Silicon	28-1	1873395	1892033	1901505	1888978	0.76	cps
Silver	109-1	2544015	2555588	2570398	2556667	0.52	cps
Silver	107-1	2656512	2649224	2670408	2658715	0.40	cps
Sodium	23-2	9107945	8999879	9069997	9059273	0.61	cps
Strontium	86-1	732760	730472	729671	730968	0.22	cps
Strontium	88-1	6426297	6428452	6474577	6443109	0.42	cps
Sulfur	34-1	397395	401863	404892	401383	0.94	cps
Terbium	159-1	6756223	6708573	6797199	6753998	0.66	cps
Terbium	159-2	3662445	3637526	3696463	3665478	0.81	cps
Thallium	203-1	2006391	2021152	2042967	2023503	0.91	cps
Thallium	205-1	4969200	4957180	5024299	4983560	0.72	cps
Thorium	232-1	6951383	6989991	7053326	6998233	0.74	cps
Tin	118-1	1839207	1834758	1853936	1842634	0.54	cps
Titanium	47-1	1559297	1546555	1572032	1559295	0.82	cps
Uranium	238-1	6606881	6622204	6760261	6663115	1.27	cps
Vanadium	51-2	483739	479818	487480	483679	0.79	cps
Yttrium	89-1	13076316	13064699	13163370	13101462	0.41	cps
Yttrium	89-2	1910080	1890977	1928191	1909749	0.97	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:03:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217005	214552	217724	216427	0.77	cps
Zirconium	90-1	3708394	3724916	3764469	3732593	0.77	cps
Zirconium	91-1	846594	850023	847972	848196	0.20	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:06:52 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833758	854082	834681	840841	1.36	cps
Antimony	121-1	5060141	5007267	5053309	5040239	0.57	cps
Arsenic	75-1	935038	939347	941183	938523	0.34	cps
Barium	135-1	5849280	5825986	5874524	5849930	0.41	cps
Barium	137-1	10155367	10144127	10311700	10203731	0.92	cps
Beryllium	9-1	1278755	1278994	1276424	1278058	0.11	cps
Bismuth	209-1	3664590	3653080	3686273	3667981	0.46	cps
Bismuth	209-2	2508028	2575551	2544649	2542742	1.33	cps
Boron	10-1	197177	200389	199129	198898	0.81	cps
Boron	11-1	880406	897195	892878	890160	0.98	cps
Cadmium	111-1	1252590	1256868	1251726	1253728	0.22	cps
Cadmium	106-1	142401	141642	142637	142227	0.37	cps
Cadmium	108-1	95880	95339	95985	95735	0.36	cps
Calcium	43-1	1487065	1488127	1508628	1494607	0.81	cps
Calcium	44-1	24355929	24302355	24667295	24441860	0.81	cps
Chromium	52-2	1212617	1233777	1217657	1221350	0.90	cps
Cobalt	59-2	1919132	1965809	1939628	1941523	1.21	cps
Copper	63-2	2690075	2728884	2702787	2707249	0.73	cps
Dysprosium	156-1	58	100	83	81	26.03	cps
Dysprosium	156-2	100	87	153	113	31.13	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	53	33	37	41	26.06	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	117	163	123	134	18.77	cps
Holmium	165-1	6560673	6500734	6537042	6532817	0.46	cps
Holmium	165-2	3655686	3731576	3701682	3696314	1.03	cps
Indium	115-1	4830076	4765547	4820713	4805445	0.73	cps
Indium	115-2	1020184	1049960	1041176	1037107	1.48	cps
Iron	56-2	51653653	52177815	51385966	51739145	0.78	cps
Iron	57-2	1315362	1335250	1316910	1322507	0.84	cps
Krypton	83-1	140	140	163	148	9.12	cps
Lead	206-1	3359340	3386798	3392720	3379619	0.53	cps
Lead	207-1	2956911	2965805	2984642	2969119	0.48	cps
Lead	208-1	13791060	13854640	13931383	13859028	0.51	cps
Lithium	6-1	2534701	2512385	2542375	2529820	0.62	cps
Magnesium	24-2	9792365	9922748	9806569	9840561	0.73	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:06:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1541212	1563902	1543165	1549427	0.81	cps
Molybdenum	94-1	9943166	10000289	9986450	9976635	0.30	cps
Molybdenum	95-1	12224214	12341621	12384780	12316872	0.67	cps
Molybdenum	96-1	13628687	13626736	13715264	13656895	0.37	cps
Molybdenum	97-1	7672047	7611321	7708520	7663963	0.64	cps
Molybdenum	98-1	19764876	19609110	19627624	19667203	0.43	cps
Neodymium	150-1	587	507	413	502	17.27	cps
Neodymium	150-2	57	43	60	53	16.54	cps
Nickel	60-2	492516	503092	497778	497795	1.06	cps
Phosphorus	31-2	46064	46122	45696	45961	0.50	cps
Potassium	39-2	4537468	4597561	4554298	4563109	0.68	cps
Rhodium	103-1	4258520	4207496	4258974	4241663	0.70	cps
Rhodium	103-2	2109502	2161178	2160760	2143813	1.39	cps
Scandium	45-1	3310148	3279645	3337989	3309261	0.88	cps
Scandium	45-2	131749	132442	132338	132176	0.28	cps
Selenium	77-2	4334	4241	4364	4313	1.49	cps
Selenium	78-2	13681	13923	14009	13871	1.23	cps
Selenium	82-1	93867	94362	94290	94173	0.28	cps
Silicon	28-1	3130295	3114411	3116886	3120531	0.27	cps
Silver	109-1	5522656	5519367	5544611	5528878	0.25	cps
Silver	107-1	5733883	5714796	5793286	5747322	0.71	cps
Sodium	23-2	18778403	19002296	18764784	18848494	0.71	cps
Strontium	86-1	1521906	1523472	1516639	1520672	0.24	cps
Strontium	88-1	13525946	13556148	13585215	13555769	0.22	cps
Sulfur	34-1	697559	703506	695992	699019	0.57	cps
Terbium	159-1	6813816	6770631	6788998	6791148	0.32	cps
Terbium	159-2	3591086	3667211	3661115	3639804	1.16	cps
Thallium	203-1	4389514	4156243	4411983	4319247	3.28	cps
Thallium	205-1	10506942	10568542	10614572	10563352	0.51	cps
Thorium	232-1	14926799	14961477	14995172	14961149	0.23	cps
Tin	118-1	3808624	3766060	3779105	3784596	0.58	cps
Titanium	47-1	3225013	3243568	3229743	3232775	0.30	cps
Uranium	238-1	14355433	14346818	14371965	14358072	0.09	cps
Vanadium	51-2	998235	1013084	999982	1003767	0.81	cps
Yttrium	89-1	13059772	12999602	13120289	13059888	0.46	cps
Yttrium	89-2	1851467	1896631	1881957	1876685	1.23	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:06:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	452345	461342	452958	455548	1.10	cps
Zirconium	90-1	8091879	8124762	8138379	8118340	0.29	cps
Zirconium	91-1	1781810	1780785	1775394	1779330	0.19	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:10:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4015683	4021186	4042026	4026298	0.35	cps
Antimony	121-1	6829	7073	6718	6873	2.64	cps
Arsenic	75-1	1220	876	960	1019	17.65	cps
Barium	135-1	1225	1250	1233	1236	1.03	cps
Barium	137-1	1909	1959	2100	1989	5.00	cps
Beryllium	9-1	387	333	353	358	7.53	cps
Bismuth	209-1	3285598	3272440	3214892	3257644	1.15	cps
Bismuth	209-2	2231125	2245056	2258395	2244859	0.61	cps
Boron	10-1	11246	10504	9620	10457	7.78	cps
Boron	11-1	49131	47902	42979	46670	6.98	cps
Cadmium	111-1	3189	3089	2892	3057	4.95	cps
Cadmium	106-1	4201	4192	3842	4079	5.02	cps
Cadmium	108-1	38	29	50	39	26.96	cps
Calcium	43-1	7089909	7145411	7095884	7110401	0.43	cps
Calcium	44-1	115211698	116001898	114417094	115210230	0.69	cps
Chromium	52-2	19256	19486	19166	19303	0.86	cps
Cobalt	59-2	21613	22003	22053	21890	1.10	cps
Copper	63-2	4014	3904	3794	3904	2.82	cps
Dysprosium	156-1	75	33	58	56	37.75	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	47	30	43	40	22.05	cps
Gadolinium	160-1	108	8	58	58	85.72	cps
Gadolinium	160-2	110	163	103	126	26.19	cps
Holmium	165-1	6328055	6311138	6222976	6287390	0.90	cps
Holmium	165-2	3527933	3558537	3554849	3547106	0.47	cps
Indium	115-1	4589552	4612920	4520513	4574328	1.05	cps
Indium	115-2	1005482	1016258	1017595	1013112	0.66	cps
Iron	56-2	237840350	238950833	239272439	238687874	0.31	cps
Iron	57-2	6044836	6075954	6082987	6067926	0.33	cps
Krypton	83-1	223	173	123	173	28.85	cps
Lead	206-1	3223	3000	2900	3041	5.42	cps
Lead	207-1	2650	2761	2761	2724	2.36	cps
Lead	208-1	12230	11741	12169	12047	2.21	cps
Lithium	6-1	2421352	2419740	2376051	2405715	1.07	cps
Magnesium	24-2	45447509	45462832	45637237	45515860	0.23	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:10:39	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5234	5384	5441	5353	2.00	cps
Molybdenum	94-1	6152	5493	5451	5699	6.89	cps
Molybdenum	95-1	8228	8378	7744	8117	4.08	cps
Molybdenum	96-1	13941	13632	13248	13607	2.55	cps
Molybdenum	97-1	5535	4834	4784	5051	8.30	cps
Molybdenum	98-1	12656	12856	12322	12612	2.14	cps
Neodymium	150-1	107	80	73	87	20.35	cps
Neodymium	150-2	57	43	33	44	26.35	cps
Nickel	60-2	8903	8586	8686	8725	1.86	cps
Phosphorus	31-2	75	92	42	69	36.66	cps
Potassium	39-2	21495443	21737577	21784721	21672581	0.72	cps
Rhodium	103-1	3920929	3893037	3849481	3887816	0.93	cps
Rhodium	103-2	1958316	1977322	1984926	1973521	0.69	cps
Scandium	45-1	3222006	3257579	3174449	3218011	1.30	cps
Scandium	45-2	132705	133996	134568	133756	0.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	24	37	44	35	29.31	cps
Selenium	82-1	46	91	142	93	51.85	cps
Silicon	28-1	277005	285338	281680	281341	1.48	cps
Silver	109-1	942	975	817	911	9.16	cps
Silver	107-1	1100	958	908	989	10.05	cps
Sodium	23-2	87438096	86864644	88047746	87450162	0.68	cps
Strontium	86-1	5943	6502	6235	6227	4.49	cps
Strontium	88-1	54588	54496	52037	53707	2.69	cps
Sulfur	34-1	127441	131694	129063	129399	1.66	cps
Terbium	159-1	6554976	6512039	6428624	6498546	0.99	cps
Terbium	159-2	3481050	3502671	3515466	3499729	0.50	cps
Thallium	203-1	1709	1650	1600	1653	3.28	cps
Thallium	205-1	3792	3351	3217	3453	8.72	cps
Thorium	232-1	5885	5101	5529	5505	7.13	cps
Tin	118-1	2642	2384	2567	2531	5.25	cps
Titanium	47-1	1008	1350	1358	1239	16.12	cps
Uranium	238-1	3359	3617	3492	3490	3.70	cps
Vanadium	51-2	273	183	227	228	19.76	cps
Yttrium	89-1	12811338	12812070	12572820	12732076	1.08	cps
Yttrium	89-2	1849131	1866075	1867267	1860825	0.55	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:10:39	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4221	4134	4321	4225	2.21	cps
Zirconium	90-1	3042	2825	3017	2962	4.00	cps
Zirconium	91-1	800	608	583	664	17.86	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:19:03 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22075	21483	21741	21766	1.37	cps
Antimony	121-1	911936	914528	899937	908800	0.86	cps
Arsenic	75-1	200703	202686	196274	199887	1.64	cps
Barium	135-1	114316	116341	112309	114322	1.76	cps
Barium	137-1	195868	198262	193438	195856	1.23	cps
Beryllium	9-1	131217	133702	130112	131677	1.40	cps
Bismuth	209-1	3849821	3868163	3839608	3852531	0.38	cps
Bismuth	209-2	2733481	2742764	2743748	2739998	0.21	cps
Boron	10-1	95652	98612	97499	97255	1.54	cps
Boron	11-1	439103	441272	431018	437131	1.24	cps
Cadmium	111-1	129056	130885	126125	128689	1.87	cps
Cadmium	106-1	15417	15484	15559	15487	0.46	cps
Cadmium	108-1	9924	10025	9637	9862	2.04	cps
Calcium	43-1	31058	32620	31810	31830	2.45	cps
Calcium	44-1	515423	513249	500990	509887	1.53	cps
Chromium	52-2	123888	125165	124799	124618	0.53	cps
Cobalt	59-2	205838	207762	205592	206397	0.58	cps
Copper	63-2	144498	144555	143330	144128	0.48	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	57	40	37	44	24.11	cps
Gadolinium	160-1	50	8	42	33	66.15	cps
Gadolinium	160-2	77	120	120	106	23.70	cps
Holmium	165-1	6544675	6609891	6433883	6529483	1.36	cps
Holmium	165-2	3755853	3781360	3761133	3766115	0.36	cps
Indium	115-1	5229816	5266897	5184275	5226996	0.79	cps
Indium	115-2	1142711	1158755	1151043	1150836	0.70	cps
Iron	56-2	1100788	1120451	1106041	1109093	0.92	cps
Iron	57-2	27248	28311	28350	27970	2.24	cps
Krypton	83-1	190	143	160	164	14.38	cps
Lead	206-1	670367	680362	659052	669927	1.59	cps
Lead	207-1	585349	587560	586409	586439	0.19	cps
Lead	208-1	2671765	2681777	2662469	2672004	0.36	cps
Lithium	6-1	2732330	2732317	2654292	2706313	1.66	cps
Magnesium	24-2	123069	121775	122539	122461	0.53	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:19:03 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78304	78890	77513	78235	0.88	cps
Molybdenum	94-1	3332106	3315264	3275460	3307610	0.88	cps
Molybdenum	95-1	6046402	6064057	5924057	6011505	1.27	cps
Molybdenum	96-1	6444702	6456644	6326523	6409290	1.12	cps
Molybdenum	97-1	3629407	3630924	3549723	3603351	1.29	cps
Molybdenum	98-1	9612664	9611407	9397481	9540517	1.30	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	54237	54036	54093	54122	0.19	cps
Phosphorus	31-2	50	75	67	64	19.92	cps
Potassium	39-2	197361	201568	197059	198663	1.27	cps
Rhodium	103-1	4835189	4859011	4724701	4806300	1.49	cps
Rhodium	103-2	2397781	2414052	2399084	2403639	0.38	cps
Scandium	45-1	3601903	3576048	3493972	3557307	1.58	cps
Scandium	45-2	143258	144621	143635	143838	0.49	cps
Selenium	77-2	823	817	863	834	3.02	cps
Selenium	78-2	3024	3043	3087	3052	1.06	cps
Selenium	82-1	20200	19906	19487	19864	1.80	cps
Silicon	28-1	99202	102146	101652	101000	1.56	cps
Silver	109-1	513997	515145	500672	509938	1.58	cps
Silver	107-1	534885	534132	523973	530997	1.15	cps
Sodium	23-2	388758	396765	392774	392765	1.02	cps
Strontium	86-1	3967	4192	4042	4067	2.82	cps
Strontium	88-1	31177	32279	31602	31686	1.75	cps
Sulfur	34-1	147380	142240	138540	142720	3.11	cps
Terbium	159-1	6831832	6938026	6753731	6841196	1.35	cps
Terbium	159-2	3719246	3718888	3742763	3726966	0.37	cps
Thallium	203-1	911996	916218	893816	907343	1.31	cps
Thallium	205-1	2137005	2150661	2074926	2120864	1.90	cps
Thorium	232-1	3284	3228	3439	3317	3.30	cps
Tin	118-1	1158	992	908	1020	12.49	cps
Titanium	47-1	1746972	1734994	1708729	1730232	1.13	cps
Uranium	238-1	1892	1659	1884	1811	7.31	cps
Vanadium	51-2	100077	102207	100684	100989	1.09	cps
Yttrium	89-1	13945229	14048988	13683022	13892413	1.36	cps
Yttrium	89-2	2007904	2036086	2019330	2021107	0.70	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:19:03	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	51634	52100	52002	51912	0.47	cps
Zirconium	90-1	2692	2534	2150	2459	11.33	cps
Zirconium	91-1	742	692	567	667	13.52	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:29:40 DataFile Name : 011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	25	28	45.82	cps
Antimony	121-1	453	513	602	523	14.29	cps
Arsenic	75-1	-316	-243	-305	-288	-13.64	cps
Barium	135-1	8	25	0	11	114.58	cps
Barium	137-1	17	17	42	25	57.73	cps
Beryllium	9-1	83	63	83	77	15.07	cps
Bismuth	209-1	3832198	3815930	3755043	3801057	1.07	cps
Bismuth	209-2	2715185	2740929	2719119	2725078	0.51	cps
Boron	10-1	2450	2500	2484	2478	1.03	cps
Boron	11-1	11972	11597	11939	11836	1.75	cps
Cadmium	111-1	2981	2922	2790	2898	3.38	cps
Cadmium	106-1	4226	4159	3976	4120	3.14	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	67	42	117	75	50.92	cps
Calcium	44-1	5744	5686	5619	5683	1.10	cps
Chromium	52-2	203	167	197	189	10.34	cps
Cobalt	59-2	43	37	30	37	18.18	cps
Copper	63-2	373	387	387	382	2.01	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	103	120	113	112	7.47	cps
Holmium	165-1	6534574	6572680	6488989	6532081	0.64	cps
Holmium	165-2	3756295	3785814	3757473	3766527	0.44	cps
Indium	115-1	5316937	5342260	5297875	5319024	0.42	cps
Indium	115-2	1183831	1178162	1186245	1182746	0.35	cps
Iron	56-2	2606	2795	2528	2643	5.19	cps
Iron	57-2	172	94	83	117	41.51	cps
Krypton	83-1	107	147	150	134	17.93	cps
Lead	206-1	467	456	517	480	6.79	cps
Lead	207-1	500	500	450	483	5.97	cps
Lead	208-1	1645	1789	1750	1728	4.33	cps
Lithium	6-1	2839867	2821202	2804537	2821869	0.63	cps
Magnesium	24-2	150	200	225	192	19.92	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:29:40	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	23	33	30	19.25	cps
Molybdenum	94-1	417	458	333	403	15.80	cps
Molybdenum	95-1	375	367	417	386	6.94	cps
Molybdenum	96-1	308	317	375	333	10.90	cps
Molybdenum	97-1	167	133	192	164	17.86	cps
Molybdenum	98-1	492	533	392	472	15.42	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	33	33	23	30	19.25	cps
Phosphorus	31-2	25	42	33	33	25.01	cps
Potassium	39-2	7769	7877	8344	7997	3.82	cps
Rhodium	103-1	4982224	4940861	4939782	4954289	0.49	cps
Rhodium	103-2	2490644	2479436	2486150	2485410	0.23	cps
Scandium	45-1	3690965	3661593	3706957	3686505	0.62	cps
Scandium	45-2	151546	151336	150417	151100	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	44	41	40	14.32	cps
Selenium	82-1	111	27	33	57	81.85	cps
Silicon	28-1	88997	90959	88931	89629	1.29	cps
Silver	109-1	58	100	58	72	33.30	cps
Silver	107-1	117	125	100	114	11.18	cps
Sodium	23-2	4543	4392	4351	4429	2.28	cps
Strontium	86-1	258	250	225	244	7.10	cps
Strontium	88-1	58	50	75	61	20.83	cps
Sulfur	34-1	156640	159260	157498	157799	0.85	cps
Terbium	159-1	6869696	6852408	6806898	6843001	0.47	cps
Terbium	159-2	3738798	3735215	3737943	3737319	0.05	cps
Thallium	203-1	392	433	383	403	6.65	cps
Thallium	205-1	533	608	600	581	7.08	cps
Thorium	232-1	1561	1411	1495	1489	5.05	cps
Tin	118-1	483	608	667	586	15.98	cps
Titanium	47-1	92	33	58	61	47.89	cps
Uranium	238-1	1500	1609	1450	1520	5.33	cps
Vanadium	51-2	10	17	0	9	94.38	cps
Yttrium	89-1	14243075	14222312	14100391	14188593	0.54	cps
Yttrium	89-2	2081381	2087750	2072175	2080436	0.38	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:29:40	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203	140	163	169	18.97	cps
Zirconium	90-1	658	550	442	550	19.70	cps
Zirconium	91-1	117	133	108	119	10.66	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:33:17 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3818494	3840311	3843974	3834260	0.36	cps
Antimony	121-1	5325	4919	4974	5073	4.34	cps
Arsenic	75-1	971	1495	1869	1445	31.21	cps
Barium	135-1	1342	1542	1625	1503	9.69	cps
Barium	137-1	2792	2775	2542	2703	5.17	cps
Beryllium	9-1	493	387	430	437	12.28	cps
Bismuth	209-1	3728178	3661748	3703316	3697747	0.91	cps
Bismuth	209-2	2593789	2597696	2611699	2601061	0.36	cps
Boron	10-1	2384	2300	2209	2297	3.81	cps
Boron	11-1	10637	9562	9854	10018	5.55	cps
Cadmium	111-1	3161	3065	3180	3136	1.96	cps
Cadmium	106-1	3734	3617	3834	3728	2.91	cps
Cadmium	108-1	1075	958	1071	1035	6.40	cps
Calcium	43-1	1450871	1453445	1441271	1448529	0.44	cps
Calcium	44-1	23567580	23791808	23808227	23722538	0.57	cps
Chromium	52-2	23839	23996	24320	24052	1.02	cps
Cobalt	59-2	2394	2484	2457	2445	1.89	cps
Copper	63-2	10617	10777	10547	10647	1.11	cps
Dysprosium	156-1	0	42	58	33	90.14	cps
Dysprosium	156-2	7	23	27	19	56.72	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	43	23	23	30	38.49	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	127	133	120	127	5.27	cps
Holmium	165-1	6701941	6703395	6727940	6711092	0.22	cps
Holmium	165-2	3821833	3846299	3851831	3839988	0.42	cps
Indium	115-1	5037688	5008163	5048398	5031416	0.41	cps
Indium	115-2	1108604	1119189	1114353	1114049	0.48	cps
Iron	56-2	101210394	101356858	101139069	101235440	0.11	cps
Iron	57-2	2532967	2540796	2561440	2545068	0.58	cps
Krypton	83-1	150	153	133	146	7.36	cps
Lead	206-1	16010	16639	16839	16496	2.62	cps
Lead	207-1	13340	12628	12879	12949	2.79	cps
Lead	208-1	61741	60526	61177	61148	0.99	cps
Lithium	6-1	2700266	2666631	2685741	2684213	0.63	cps
Magnesium	24-2	9632580	9687383	9619693	9646552	0.37	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:33:17 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5958	6251	6335	6181	3.20	cps
Molybdenum	94-1	2421820	2387325	2418392	2409179	0.79	cps
Molybdenum	95-1	4328614	4365057	4373002	4355557	0.54	cps
Molybdenum	96-1	4657190	4671233	4708050	4678825	0.56	cps
Molybdenum	97-1	2638197	2647261	2640398	2641952	0.18	cps
Molybdenum	98-1	6899042	6936573	6932948	6922855	0.30	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	2654	2600	2694	2649	1.77	cps
Phosphorus	31-2	219830	223864	225775	223156	1.36	cps
Potassium	39-2	9049328	9122416	9081046	9084263	0.40	cps
Rhodium	103-1	4432103	4425644	4444058	4433935	0.21	cps
Rhodium	103-2	2240821	2251475	2251844	2248047	0.28	cps
Scandium	45-1	3460032	3472955	3458274	3463754	0.23	cps
Scandium	45-2	141800	143234	142588	142541	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	39	31	40	23.23	cps
Selenium	82-1	73	52	46	57	25.72	cps
Silicon	28-1	149834	148353	150281	149489	0.67	cps
Silver	109-1	192	183	233	203	13.21	cps
Silver	107-1	233	175	233	214	15.75	cps
Sodium	23-2	18556314	18733806	18710697	18666939	0.52	cps
Strontium	86-1	51159	50874	50548	50860	0.60	cps
Strontium	88-1	445302	442131	441828	443087	0.43	cps
Sulfur	34-1	2813194	2819024	2807381	2813200	0.21	cps
Terbium	159-1	6956905	6942707	6978251	6959288	0.26	cps
Terbium	159-2	3776523	3800414	3781510	3786149	0.33	cps
Thallium	203-1	642	600	892	711	22.18	cps
Thallium	205-1	1358	1575	1492	1475	7.41	cps
Thorium	232-1	1661	1600	1439	1567	7.33	cps
Tin	118-1	850	1242	1217	1103	19.88	cps
Titanium	47-1	1276580	1266494	1271332	1271469	0.40	cps
Uranium	238-1	1784	2134	1634	1850	13.87	cps
Vanadium	51-2	157	133	193	161	18.77	cps
Yttrium	89-1	13626367	13553480	13638430	13606092	0.34	cps
Yttrium	89-2	1991526	2000359	2005716	1999200	0.36	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:33:17	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2387	2447	2520	2451	2.72	cps
Zirconium	90-1	800	767	592	719	15.56	cps
Zirconium	91-1	142	108	100	117	18.90	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:36:55 DataFile Name : 013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3917391	3925344	3901366	3914700	0.31	cps
Antimony	121-1	101186	103167	101983	102112	0.98	cps
Arsenic	75-1	20314	21188	21414	20972	2.77	cps
Barium	135-1	24138	24806	25332	24759	2.42	cps
Barium	137-1	43904	43327	43761	43664	0.69	cps
Beryllium	9-1	26383	26330	27148	26620	1.72	cps
Bismuth	209-1	3724932	3707064	3740725	3724240	0.45	cps
Bismuth	209-2	2600716	2644898	2619069	2621561	0.85	cps
Boron	10-1	13190	13006	13615	13270	2.35	cps
Boron	11-1	58046	60129	61542	59906	2.94	cps
Cadmium	111-1	28058	26940	28361	27786	2.69	cps
Cadmium	106-1	7811	7002	7544	7452	5.53	cps
Cadmium	108-1	3105	3005	3180	3096	2.84	cps
Calcium	43-1	1484055	1492287	1498588	1491643	0.49	cps
Calcium	44-1	24214995	24347760	24822422	24461726	1.31	cps
Chromium	52-2	49734	49065	48888	49229	0.91	cps
Cobalt	59-2	42515	42635	42374	42508	0.31	cps
Copper	63-2	38601	37923	38233	38252	0.89	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	7	23	30	20	60.08	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	50	17	43	37	48.10	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	137	157	170	154	10.86	cps
Holmium	165-1	6779541	6824031	6848012	6817195	0.51	cps
Holmium	165-2	3865082	3864930	3889157	3873056	0.36	cps
Indium	115-1	5075349	5148596	5177219	5133721	1.02	cps
Indium	115-2	1126304	1132328	1128619	1129084	0.27	cps
Iron	56-2	103896927	103711283	103423341	103677184	0.23	cps
Iron	57-2	2587299	2609982	2613186	2603489	0.54	cps
Krypton	83-1	163	150	153	156	4.46	cps
Lead	206-1	84108	85719	86664	85497	1.51	cps
Lead	207-1	71693	70883	71754	71443	0.68	cps
Lead	208-1	327784	328661	333348	329931	0.91	cps
Lithium	6-1	2659988	2675834	2683824	2673215	0.45	cps
Magnesium	24-2	9882019	9838303	9898267	9872863	0.31	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:36:55	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21950	21660	21643	21751	0.79	cps
Molybdenum	94-1	2696561	2705968	2727777	2710102	0.59	cps
Molybdenum	95-1	4594365	4621821	4658717	4624968	0.70	cps
Molybdenum	96-1	4935342	4975322	5008667	4973110	0.74	cps
Molybdenum	97-1	2776438	2775525	2807229	2786397	0.65	cps
Molybdenum	98-1	7313182	7397349	7464341	7391624	1.02	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	12792	12556	12542	12630	1.11	cps
Phosphorus	31-2	226520	228840	228184	227848	0.52	cps
Potassium	39-2	9283051	9337225	9289255	9303177	0.32	cps
Rhodium	103-1	4517825	4525798	4576002	4539875	0.69	cps
Rhodium	103-2	2292005	2285377	2274862	2284081	0.38	cps
Scandium	45-1	3526014	3525454	3530524	3527331	0.08	cps
Scandium	45-2	143170	144624	142982	143592	0.63	cps
Selenium	77-2	73	100	97	90	16.15	cps
Selenium	78-2	328	322	352	334	4.72	cps
Selenium	82-1	1874	1897	1991	1921	3.24	cps
Silicon	28-1	341002	340851	339833	340562	0.19	cps
Silver	109-1	102865	101093	103251	102403	1.12	cps
Silver	107-1	106960	107976	108202	107713	0.61	cps
Sodium	23-2	19027471	19061483	18989326	19026093	0.19	cps
Strontium	86-1	156957	154979	157192	156376	0.78	cps
Strontium	88-1	1352189	1338598	1362285	1351024	0.88	cps
Sulfur	34-1	2893382	2895280	2931404	2906688	0.74	cps
Terbium	159-1	7064324	7107293	7127191	7099603	0.45	cps
Terbium	159-2	3801580	3813242	3804244	3806355	0.16	cps
Thallium	203-1	84374	84928	85617	84973	0.73	cps
Thallium	205-1	203647	203518	207841	205002	1.20	cps
Thorium	232-1	2172	2184	2050	2135	3.46	cps
Tin	118-1	219589	220553	223432	221191	0.90	cps
Titanium	47-1	1341808	1344738	1341087	1342544	0.14	cps
Uranium	238-1	770040	759395	771143	766859	0.85	cps
Vanadium	51-2	20361	20221	20134	20238	0.57	cps
Yttrium	89-1	13846936	13974592	14025249	13948925	0.66	cps
Yttrium	89-2	2029785	2031584	2014447	2025272	0.47	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:36:55	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7058	6588	6715	6787	3.58	cps
Zirconium	90-1	451496	451737	455901	453045	0.55	cps
Zirconium	91-1	99897	98907	102121	100308	1.64	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2141892	2142014	2139928	2141278	0.05	cps
Antimony	121-1	2306696	2275070	2318402	2300056	0.97	cps
Arsenic	75-1	470113	478022	478399	475511	0.98	cps
Barium	135-1	2687851	2662728	2715132	2688571	0.97	cps
Barium	137-1	4785139	4781054	4888114	4818102	1.26	cps
Beryllium	9-1	603230	608064	614650	608648	0.94	cps
Bismuth	209-1	3583742	3569020	3575399	3576053	0.21	cps
Bismuth	209-2	2480969	2482899	2493963	2485944	0.28	cps
Boron	10-1	89222	91384	94586	91731	2.94	cps
Boron	11-1	402734	425598	422113	416815	2.96	cps
Cadmium	111-1	645564	642386	643056	643669	0.26	cps
Cadmium	106-1	74907	74455	75275	74879	0.55	cps
Cadmium	108-1	47354	48454	49077	48295	1.81	cps
Calcium	43-1	3474806	3476473	3477541	3476274	0.04	cps
Calcium	44-1	57003576	57561418	57798385	57454460	0.71	cps
Chromium	52-2	604163	603849	606614	604876	0.25	cps
Cobalt	59-2	953016	948760	946877	949551	0.33	cps
Copper	63-2	1429991	1427810	1427021	1428274	0.11	cps
Dysprosium	156-1	92	58	92	81	23.89	cps
Dysprosium	156-2	107	83	83	91	14.79	cps
Erbium	164-1	25	42	75	47	53.91	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	103	143	163	137	22.35	cps
Holmium	165-1	6613138	6572533	6663897	6616523	0.69	cps
Holmium	165-2	3765139	3760008	3778112	3767753	0.25	cps
Indium	115-1	4883374	4888877	4914352	4895534	0.34	cps
Indium	115-2	1074701	1072212	1088107	1078340	0.79	cps
Iron	56-2	124061544	122355239	122247483	122888089	0.83	cps
Iron	57-2	3102741	3093858	3094600	3097066	0.16	cps
Krypton	83-1	153	133	180	156	15.05	cps
Lead	206-1	1581702	1588460	1577939	1582700	0.34	cps
Lead	207-1	1385155	1386444	1393898	1388499	0.34	cps
Lead	208-1	6276668	6272768	6295902	6281779	0.20	cps
Lithium	6-1	2558112	2569827	2590558	2572832	0.64	cps
Magnesium	24-2	23596744	23507352	23375415	23493170	0.47	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	759045	759896	758924	759288	0.07	cps
Molybdenum	94-1	4747267	4789690	4840729	4792562	0.98	cps
Molybdenum	95-1	5856836	5900316	5972307	5909820	0.99	cps
Molybdenum	96-1	6484647	6546010	6612021	6547560	0.97	cps
Molybdenum	97-1	3531271	3564733	3548139	3548048	0.47	cps
Molybdenum	98-1	9401335	9476038	9486902	9454758	0.49	cps
Neodymium	150-1	273	313	273	287	8.06	cps
Neodymium	150-2	33	67	40	47	37.80	cps
Nickel	60-2	239932	237553	238721	238735	0.50	cps
Phosphorus	31-2	23436	22952	22217	22868	2.68	cps
Potassium	39-2	11440999	11291077	11339371	11357149	0.67	cps
Rhodium	103-1	4293688	4331987	4325358	4317011	0.47	cps
Rhodium	103-2	2148213	2156105	2160093	2154804	0.28	cps
Scandium	45-1	3390380	3423569	3426832	3413594	0.59	cps
Scandium	45-2	140034	140351	140253	140212	0.12	cps
Selenium	77-2	2020	2180	2000	2067	4.77	cps
Selenium	78-2	6848	6915	6779	6847	0.99	cps
Selenium	82-1	45523	45636	45845	45668	0.36	cps
Silicon	28-1	1698900	1722234	1739047	1720060	1.17	cps
Silver	109-1	2688113	2682213	2706201	2692176	0.46	cps
Silver	107-1	2788364	2803217	2816802	2802794	0.51	cps
Sodium	23-2	45691174	45234318	45203236	45376243	0.60	cps
Strontium	86-1	728282	731908	743410	734533	1.08	cps
Strontium	88-1	6442228	6505142	6505979	6484450	0.56	cps
Sulfur	34-1	405073	412754	408864	408897	0.94	cps
Terbium	159-1	6869644	6804741	6954538	6876308	1.09	cps
Terbium	159-2	3688572	3717951	3721048	3709190	0.48	cps
Thallium	203-1	1956965	1947283	1950746	1951665	0.25	cps
Thallium	205-1	4782711	4845834	4861926	4830157	0.87	cps
Thorium	232-1	6913652	6948890	6997760	6953434	0.61	cps
Tin	118-1	1826395	1790932	1815294	1810874	1.00	cps
Titanium	47-1	1557225	1555024	1581158	1564469	0.93	cps
Uranium	238-1	6635762	6676914	6660401	6657692	0.31	cps
Vanadium	51-2	496136	493854	495357	495115	0.23	cps
Yttrium	89-1	13416427	13437797	13529760	13461328	0.45	cps
Yttrium	89-2	1964455	1951666	1957229	1957783	0.33	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:40:32	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	248660	250875	250351	249962	0.46	cps
Zirconium	90-1	3763213	3760429	3761147	3761596	0.04	cps
Zirconium	91-1	850181	848808	866184	855058	1.13	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 16:48:51 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	83	81	26.03	cps
Antimony	121-1	868	703	869	813	11.80	cps
Arsenic	75-1	-140	5	-44	-60	-122.88	cps
Barium	135-1	117	58	100	92	32.77	cps
Barium	137-1	142	100	133	125	17.64	cps
Beryllium	9-1	50	93	97	80	32.54	cps
Bismuth	209-1	3910606	3871439	3849459	3877168	0.80	cps
Bismuth	209-2	2795241	2793051	2800723	2796338	0.14	cps
Boron	10-1	2559	2250	2667	2492	8.68	cps
Boron	11-1	11438	10996	10796	11077	2.97	cps
Cadmium	111-1	2841	2994	2886	2907	2.70	cps
Cadmium	106-1	4042	4226	4109	4126	2.25	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	142	167	83	131	32.75	cps
Calcium	44-1	6919	6327	6719	6655	4.53	cps
Chromium	52-2	207	217	210	211	2.41	cps
Cobalt	59-2	50	43	50	48	8.06	cps
Copper	63-2	473	473	520	489	5.51	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	63	40	23	42	47.59	cps
Gadolinium	160-1	0	25	0	8	173.21	cps
Gadolinium	160-2	140	140	127	136	5.68	cps
Holmium	165-1	6748819	6747281	6790208	6762103	0.36	cps
Holmium	165-2	3869839	3865784	3891806	3875810	0.36	cps
Indium	115-1	5527739	5476347	5552094	5518727	0.70	cps
Indium	115-2	1215183	1216670	1219830	1217228	0.19	cps
Iron	56-2	5440	5629	5685	5585	2.30	cps
Iron	57-2	211	150	167	176	17.96	cps
Krypton	83-1	157	147	173	159	8.48	cps
Lead	206-1	756	878	817	817	7.48	cps
Lead	207-1	739	750	689	726	4.48	cps
Lead	208-1	2906	3111	2756	2924	6.10	cps
Lithium	6-1	2834903	2810080	2828480	2824487	0.46	cps
Magnesium	24-2	567	692	708	656	11.81	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:48:51	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	47	43	42	12.06	cps
Molybdenum	94-1	583	400	458	481	19.49	cps
Molybdenum	95-1	450	458	450	453	1.06	cps
Molybdenum	96-1	575	475	542	531	9.60	cps
Molybdenum	97-1	325	267	275	289	10.92	cps
Molybdenum	98-1	817	758	633	736	12.72	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	43	40	30	38	18.36	cps
Phosphorus	31-2	58	42	33	44	28.65	cps
Potassium	39-2	8620	8911	8895	8809	1.86	cps
Rhodium	103-1	5153941	5080628	5114883	5116484	0.72	cps
Rhodium	103-2	2529502	2545395	2560447	2545115	0.61	cps
Scandium	45-1	3839785	3819287	3836605	3831892	0.29	cps
Scandium	45-2	153522	153747	154293	153854	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	41	31	37	13.23	cps
Selenium	82-1	12	16	9	13	27.23	cps
Silicon	28-1	92393	91672	91973	92013	0.39	cps
Silver	109-1	175	208	200	194	8.92	cps
Silver	107-1	267	275	192	244	18.77	cps
Sodium	23-2	7310	7177	7177	7221	1.07	cps
Strontium	86-1	292	308	267	289	7.26	cps
Strontium	88-1	142	192	200	178	17.75	cps
Sulfur	34-1	153786	156944	161532	157420	2.47	cps
Terbium	159-1	7049471	7012250	7109164	7056961	0.69	cps
Terbium	159-2	3811867	3867385	3859087	3846113	0.78	cps
Thallium	203-1	625	542	567	578	7.40	cps
Thallium	205-1	1033	933	867	945	8.88	cps
Thorium	232-1	1822	1756	1811	1796	1.99	cps
Tin	118-1	800	617	717	711	12.91	cps
Titanium	47-1	75	58	100	78	26.96	cps
Uranium	238-1	1642	1734	1775	1717	3.97	cps
Vanadium	51-2	23	23	13	20	28.87	cps
Yttrium	89-1	14708401	14701434	14740262	14716699	0.14	cps
Yttrium	89-2	2123848	2133547	2156914	2138103	0.79	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:48:51	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	183	163	188	14.35	cps
Zirconium	90-1	583	717	833	711	17.59	cps
Zirconium	91-1	133	142	150	142	5.88	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	1050	1125	1072	4.28	cps
Antimony	121-1	9829	10140	10426	10132	2.95	cps
Arsenic	75-1	958	1059	841	953	11.47	cps
Barium	135-1	12865	12231	12089	12395	3.33	cps
Barium	137-1	21292	21267	21159	21239	0.33	cps
Beryllium	9-1	1613	1610	1447	1557	6.12	cps
Bismuth	209-1	3907714	3870759	3888408	3888960	0.48	cps
Bismuth	209-2	2816337	2838312	2844536	2833061	0.52	cps
Boron	10-1	6552	6535	6944	6677	3.46	cps
Boron	11-1	29063	29120	29864	29349	1.52	cps
Cadmium	111-1	4695	4453	4724	4624	3.22	cps
Cadmium	106-1	4901	4551	4809	4754	3.82	cps
Cadmium	108-1	104	100	121	108	10.18	cps
Calcium	43-1	9387	8920	8786	9031	3.49	cps
Calcium	44-1	141488	142328	143213	142343	0.61	cps
Chromium	52-2	3267	3080	3140	3163	3.01	cps
Cobalt	59-2	2430	2224	2364	2339	4.51	cps
Copper	63-2	3757	3627	3651	3678	1.88	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	58	58	0	39	86.60	cps
Erbium	164-2	30	43	33	36	19.51	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Gadolinium	160-2	170	130	137	146	14.72	cps
Holmium	165-1	6844585	6850895	6825689	6840390	0.19	cps
Holmium	165-2	3931613	3956527	3988163	3958768	0.72	cps
Indium	115-1	5736267	5686440	5698961	5707223	0.45	cps
Indium	115-2	1255410	1266155	1263867	1261811	0.45	cps
Iron	56-2	69146	70737	70262	70048	1.17	cps
Iron	57-2	1850	1984	1872	1902	3.76	cps
Krypton	83-1	163	140	127	143	12.95	cps
Lead	206-1	3856	4123	3817	3932	4.23	cps
Lead	207-1	3645	3551	3362	3519	4.10	cps
Lead	208-1	15637	15904	15332	15624	1.83	cps
Lithium	6-1	2955950	2961270	2945153	2954124	0.28	cps
Magnesium	24-2	58223	58875	58757	58618	0.59	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1023	940	987	983	4.25	cps
Molybdenum	94-1	10688	10663	10696	10682	0.16	cps
Molybdenum	95-1	13023	13740	13248	13337	2.75	cps
Molybdenum	96-1	14767	14942	15008	14906	0.84	cps
Molybdenum	97-1	8219	8294	8636	8383	2.65	cps
Molybdenum	98-1	20474	21208	21617	21100	2.75	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	613	623	703	647	7.63	cps
Phosphorus	31-2	208	175	208	197	9.76	cps
Potassium	39-2	63010	64357	62717	63361	1.38	cps
Rhodium	103-1	5322709	5329839	5340954	5331168	0.17	cps
Rhodium	103-2	2639598	2671860	2670789	2660749	0.69	cps
Scandium	45-1	4032943	4031861	4031969	4032258	0.01	cps
Scandium	45-2	163854	164440	164252	164182	0.18	cps
Selenium	77-2	37	33	23	31	22.31	cps
Selenium	78-2	120	117	143	127	11.08	cps
Selenium	82-1	656	617	663	646	3.90	cps
Silicon	28-1	132406	133070	134668	133381	0.87	cps
Silver	109-1	6260	6168	6227	6218	0.75	cps
Silver	107-1	7010	7277	6643	6977	4.56	cps
Sodium	23-2	113082	115147	114862	114364	0.98	cps
Strontium	86-1	1884	2025	1984	1964	3.71	cps
Strontium	88-1	14291	15117	14124	14511	3.66	cps
Sulfur	34-1	177377	175631	173118	175376	1.22	cps
Terbium	159-1	7142171	7165100	7122186	7143152	0.30	cps
Terbium	159-2	3944556	3961073	3946168	3950599	0.23	cps
Thallium	203-1	4134	4451	4743	4443	6.85	cps
Thallium	205-1	10413	10796	10721	10644	1.91	cps
Thorium	232-1	14258	13630	14130	14006	2.37	cps
Tin	118-1	22085	21751	21793	21876	0.83	cps
Titanium	47-1	4301	4067	3726	4031	7.18	cps
Uranium	238-1	14100	14676	13891	14222	2.86	cps
Vanadium	51-2	6088	6205	6552	6281	3.84	cps
Yttrium	89-1	15423253	15355677	15389849	15389593	0.22	cps
Yttrium	89-2	2233242	2243424	2249910	2242192	0.37	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 16:58:07	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	880	787	877	848	6.25	cps
Zirconium	90-1	8761	8553	8495	8603	1.63	cps
Zirconium	91-1	1892	1950	1800	1881	4.02	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:01:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	17	25	57.73	cps
Antimony	121-1	173	68	238	160	53.61	cps
Arsenic	75-1	-261	257	-320	-108	-294.90	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	58	25	25	36	53.30	cps
Beryllium	9-1	67	80	47	64	26.03	cps
Bismuth	209-1	3902376	3821518	3823481	3849125	1.20	cps
Bismuth	209-2	2807287	2849784	2851334	2836135	0.88	cps
Boron	10-1	1242	1375	1383	1333	5.96	cps
Boron	11-1	5476	6302	5776	5851	7.14	cps
Cadmium	111-1	3006	3259	3053	3106	4.34	cps
Cadmium	106-1	4251	4651	4334	4412	4.78	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	108	142	67	106	35.60	cps
Calcium	44-1	6211	6111	6619	6314	4.27	cps
Chromium	52-2	210	200	237	216	8.79	cps
Cobalt	59-2	50	27	30	36	35.49	cps
Copper	63-2	363	453	403	407	11.09	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	33	27	17	26	32.81	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	137	140	120	132	8.10	cps
Holmium	165-1	6790228	6745822	6778891	6771647	0.34	cps
Holmium	165-2	3936020	3986321	3960310	3960884	0.64	cps
Indium	115-1	5664534	5649532	5652846	5655637	0.14	cps
Indium	115-2	1252533	1276922	1268847	1266101	0.98	cps
Iron	56-2	3189	2961	3150	3100	3.93	cps
Iron	57-2	128	161	167	152	13.85	cps
Krypton	83-1	103	203	140	149	33.98	cps
Lead	206-1	506	561	450	506	10.99	cps
Lead	207-1	528	528	517	524	1.22	cps
Lead	208-1	1872	1867	1811	1850	1.83	cps
Lithium	6-1	2957823	2973198	2939606	2956875	0.57	cps
Magnesium	24-2	267	267	183	239	20.14	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:01:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	30	43	30.77	cps
Molybdenum	94-1	342	292	392	342	14.63	cps
Molybdenum	95-1	117	133	100	117	14.29	cps
Molybdenum	96-1	200	150	250	200	25.00	cps
Molybdenum	97-1	100	67	83	83	20.00	cps
Molybdenum	98-1	175	225	192	197	12.91	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	43	37	53	44	18.87	cps
Phosphorus	31-2	50	33	33	39	24.75	cps
Potassium	39-2	8820	9262	10071	9384	6.76	cps
Rhodium	103-1	5335688	5275851	5283079	5298206	0.62	cps
Rhodium	103-2	2651480	2693044	2661826	2668783	0.81	cps
Scandium	45-1	4018272	4017685	4004550	4013502	0.19	cps
Scandium	45-2	164145	164872	165988	165002	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	46	35	43	15.06	cps
Selenium	82-1	105	-40	54	40	186.60	cps
Silicon	28-1	97979	98724	96863	97855	0.96	cps
Silver	109-1	25	67	108	67	62.50	cps
Silver	107-1	67	100	133	100	33.33	cps
Sodium	23-2	4843	4292	4759	4631	6.40	cps
Strontium	86-1	158	333	350	281	37.85	cps
Strontium	88-1	108	108	75	97	19.80	cps
Sulfur	34-1	174882	174646	173044	174191	0.57	cps
Terbium	159-1	7151850	7072390	7110909	7111716	0.56	cps
Terbium	159-2	3908549	3971389	3931753	3937230	0.81	cps
Thallium	203-1	450	333	433	406	15.56	cps
Thallium	205-1	708	600	750	686	11.29	cps
Thorium	232-1	1472	1356	1545	1458	6.54	cps
Tin	118-1	517	567	625	569	9.52	cps
Titanium	47-1	75	33	100	69	48.50	cps
Uranium	238-1	1567	1625	1709	1634	4.36	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	15300352	15224877	15186654	15237294	0.38	cps
Yttrium	89-2	2236761	2269694	2242802	2249752	0.78	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BL	Instrumnet Name :	P7
Client Sample ID :	PB122050BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:01:45	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	233	197	237	17.65	cps
Zirconium	90-1	825	542	592	653	23.17	cps
Zirconium	91-1	158	142	125	142	11.76	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40882	41233	40289	40801	1.17	cps
Antimony	121-1	206265	204558	204736	205186	0.46	cps
Arsenic	75-1	51380	50624	51651	51218	1.04	cps
Barium	135-1	2949383	2897358	2909850	2918864	0.93	cps
Barium	137-1	5264719	5296963	5273854	5278512	0.31	cps
Beryllium	9-1	15732	15388	15428	15516	1.21	cps
Bismuth	209-1	3931339	3884483	3883439	3899754	0.70	cps
Bismuth	209-2	2838021	2847652	2849204	2844959	0.21	cps
Boron	10-1	216176	219880	223538	219865	1.67	cps
Boron	11-1	983126	998424	1025368	1002306	2.13	cps
Cadmium	111-1	55795	54527	56175	55499	1.55	cps
Cadmium	106-1	9003	8645	9495	9048	4.72	cps
Cadmium	108-1	3742	3409	3238	3463	7.41	cps
Calcium	43-1	275	325	308	303	8.41	cps
Calcium	44-1	9354	8979	8470	8934	4.97	cps
Chromium	52-2	186784	187583	184474	186280	0.87	cps
Cobalt	59-2	187	180	183	183	1.82	cps
Copper	63-2	2350072	2344928	2346594	2347198	0.11	cps
Dysprosium	156-1	92	33	42	56	56.79	cps
Dysprosium	156-2	60	47	63	57	15.56	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	130	103	120	118	11.43	cps
Holmium	165-1	6925003	6891135	6958465	6924867	0.49	cps
Holmium	165-2	3982244	4011586	3986347	3993393	0.40	cps
Indium	115-1	5709506	5755770	5726222	5730499	0.41	cps
Indium	115-2	1254526	1278866	1264811	1266068	0.97	cps
Iron	56-2	1731773	1745208	1729353	1735445	0.49	cps
Iron	57-2	43448	44362	43816	43875	1.05	cps
Krypton	83-1	147	190	133	157	18.91	cps
Lead	206-1	45088	44859	45355	45101	0.55	cps
Lead	207-1	39448	38216	38790	38818	1.59	cps
Lead	208-1	179462	176557	176414	177478	0.97	cps
Lithium	6-1	2988499	2986923	2970095	2981839	0.34	cps
Magnesium	24-2	917	950	1100	989	9.88	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637493	634908	631744	634715	0.45	cps
Molybdenum	94-1	133820	133611	134420	133951	0.31	cps
Molybdenum	95-1	237155	234791	231608	234518	1.19	cps
Molybdenum	96-1	250342	251386	250786	250838	0.21	cps
Molybdenum	97-1	146167	148801	144139	146369	1.60	cps
Molybdenum	98-1	377282	373230	376618	375710	0.58	cps
Neodymium	150-1	200	207	200	202	1.90	cps
Neodymium	150-2	20	17	33	23	37.78	cps
Nickel	60-2	101777	103331	101058	102055	1.14	cps
Phosphorus	31-2	33	25	50	36	35.25	cps
Potassium	39-2	9529	9687	9620	9612	0.83	cps
Rhodium	103-1	5357399	5396824	5358415	5370879	0.42	cps
Rhodium	103-2	2650793	2688689	2657161	2665548	0.76	cps
Scandium	45-1	4093379	4069586	4050003	4070989	0.53	cps
Scandium	45-2	163652	166453	164804	164970	0.85	cps
Selenium	77-2	70	70	93	78	17.32	cps
Selenium	78-2	361	335	285	327	11.80	cps
Selenium	82-1	1832	1729	1941	1834	5.79	cps
Silicon	28-1	225820	225899	225618	225779	0.06	cps
Silver	109-1	1193599	1189147	1189181	1190643	0.22	cps
Silver	107-1	1251317	1240351	1245414	1245694	0.44	cps
Sodium	23-2	7702	8361	8544	8203	5.40	cps
Strontium	86-1	342	417	317	358	14.52	cps
Strontium	88-1	650	742	600	664	10.82	cps
Sulfur	34-1	162973	162931	158467	161457	1.60	cps
Terbium	159-1	7210924	7276418	7253029	7246791	0.46	cps
Terbium	159-2	3934916	3990979	3953649	3959848	0.72	cps
Thallium	203-1	24866	24983	24340	24729	1.38	cps
Thallium	205-1	60563	58931	58991	59495	1.56	cps
Thorium	232-1	1556	1845	1850	1750	9.62	cps
Tin	118-1	642	558	550	583	8.69	cps
Titanium	47-1	175	192	208	192	8.69	cps
Uranium	238-1	1884	2059	1992	1978	4.47	cps
Vanadium	51-2	465227	465264	461934	464142	0.41	cps
Yttrium	89-1	15375661	15404269	15403813	15394581	0.11	cps
Yttrium	89-2	2239726	2245919	2234709	2240118	0.25	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:42:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	456981	462273	460410	459888	0.58	cps
Zirconium	90-1	958	917	1067	981	7.90	cps
Zirconium	91-1	283	217	242	247	13.62	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40397	41341	41358	41032	1.34	cps
Antimony	121-1	208301	205853	205945	206700	0.67	cps
Arsenic	75-1	52652	51313	50840	51602	1.82	cps
Barium	135-1	2947530	2931779	2940242	2939850	0.27	cps
Barium	137-1	5317228	5345173	5352490	5338297	0.35	cps
Beryllium	9-1	15952	15772	15591	15772	1.14	cps
Bismuth	209-1	3975647	3898014	3905995	3926552	1.09	cps
Bismuth	209-2	2810471	2861521	2870471	2847488	1.14	cps
Boron	10-1	228571	227880	232061	229504	0.98	cps
Boron	11-1	1042964	1040809	1065715	1049830	1.31	cps
Cadmium	111-1	56391	56641	55813	56282	0.76	cps
Cadmium	106-1	9162	9345	9387	9298	1.29	cps
Cadmium	108-1	3755	3634	3396	3595	5.07	cps
Calcium	43-1	200	242	192	211	12.69	cps
Calcium	44-1	7945	8028	7895	7956	0.85	cps
Chromium	52-2	186064	188764	189477	188102	0.96	cps
Cobalt	59-2	157	107	157	140	20.62	cps
Copper	63-2	2344729	2369188	2369281	2361066	0.60	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	90	97	53	80	29.17	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	7	33	47	29	70.50	cps
Gadolinium	160-1	75	33	42	50	44.10	cps
Gadolinium	160-2	97	140	103	113	20.59	cps
Holmium	165-1	7023280	6987546	6976080	6995636	0.35	cps
Holmium	165-2	3958739	3998133	4027438	3994770	0.86	cps
Indium	115-1	5898107	5818924	5807533	5841521	0.84	cps
Indium	115-2	1252773	1270537	1277721	1267010	1.01	cps
Iron	56-2	1727719	1744068	1747706	1739831	0.61	cps
Iron	57-2	43738	43582	44813	44044	1.52	cps
Krypton	83-1	140	157	200	166	18.71	cps
Lead	206-1	45155	45350	45077	45194	0.31	cps
Lead	207-1	39119	38985	38206	38770	1.27	cps
Lead	208-1	178506	177835	176630	177657	0.54	cps
Lithium	6-1	3033448	3005358	3000157	3012988	0.59	cps
Magnesium	24-2	208	242	208	219	8.77	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	635574	639629	645054	640086	0.74	cps
Molybdenum	94-1	133957	135503	136901	135453	1.09	cps
Molybdenum	95-1	237450	238281	239792	238508	0.50	cps
Molybdenum	96-1	254441	255601	256928	255656	0.49	cps
Molybdenum	97-1	149501	149349	151110	149987	0.65	cps
Molybdenum	98-1	381585	380454	380457	380832	0.17	cps
Neodymium	150-1	167	180	240	196	19.98	cps
Neodymium	150-2	30	23	10	21	48.24	cps
Nickel	60-2	101690	103516	101673	102293	1.04	cps
Phosphorus	31-2	50	50	42	47	10.18	cps
Potassium	39-2	9370	9287	9237	9298	0.72	cps
Rhodium	103-1	5504202	5462908	5468960	5478690	0.41	cps
Rhodium	103-2	2650696	2670867	2695811	2672458	0.85	cps
Scandium	45-1	4178907	4130847	4105755	4138503	0.90	cps
Scandium	45-2	164383	164366	165740	164830	0.48	cps
Selenium	77-2	70	73	67	70	4.76	cps
Selenium	78-2	326	278	328	310	9.13	cps
Selenium	82-1	1966	1899	1762	1876	5.56	cps
Silicon	28-1	227411	225519	226184	226371	0.42	cps
Silver	109-1	1210427	1210082	1202085	1207531	0.39	cps
Silver	107-1	1262615	1252632	1255561	1256936	0.41	cps
Sodium	23-2	6477	7019	6910	6802	4.22	cps
Strontium	86-1	258	375	383	339	20.62	cps
Strontium	88-1	492	417	517	475	10.96	cps
Sulfur	34-1	156690	156151	153566	155469	1.07	cps
Terbium	159-1	7389848	7373990	7327123	7363654	0.44	cps
Terbium	159-2	3939624	3961390	4004164	3968393	0.83	cps
Thallium	203-1	25508	24298	25308	25038	2.59	cps
Thallium	205-1	60028	59467	59659	59718	0.48	cps
Thorium	232-1	1517	1422	1495	1478	3.34	cps
Tin	118-1	525	533	583	547	5.76	cps
Titanium	47-1	83	83	33	67	43.31	cps
Uranium	238-1	1725	1842	1884	1817	4.52	cps
Vanadium	51-2	463230	464472	471332	466345	0.94	cps
Yttrium	89-1	15689788	15816556	15646676	15717673	0.56	cps
Yttrium	89-2	2241347	2246189	2275532	2254356	0.82	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	K3860-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:46:05	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	456321	463044	461226	460197	0.76	cps
Zirconium	90-1	858	792	775	808	5.46	cps
Zirconium	91-1	217	225	158	200	18.16	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430668	432240	436717	433208	0.72	cps
Antimony	121-1	2493982	2466476	2465662	2475373	0.65	cps
Arsenic	75-1	492480	486079	479031	485863	1.38	cps
Barium	135-1	2861980	2841890	2822298	2842056	0.70	cps
Barium	137-1	5187976	5136631	5141576	5155394	0.55	cps
Beryllium	9-1	692315	685114	687058	688162	0.54	cps
Bismuth	209-1	3759783	3806107	3821413	3795768	0.85	cps
Bismuth	209-2	2640839	2691238	2700477	2677518	1.20	cps
Boron	10-1	115893	117360	118730	117328	1.21	cps
Boron	11-1	523127	524520	535081	527576	1.24	cps
Cadmium	111-1	637659	629733	631160	632851	0.67	cps
Cadmium	106-1	74672	73809	75325	74602	1.02	cps
Cadmium	108-1	48567	46493	48826	47962	2.67	cps
Calcium	43-1	784707	772579	775994	777760	0.80	cps
Calcium	44-1	12840953	12672942	12754902	12756266	0.66	cps
Chromium	52-2	624785	620605	629485	624958	0.71	cps
Cobalt	59-2	998602	1005648	1011342	1005198	0.63	cps
Copper	63-2	1358619	1370631	1376850	1368700	0.68	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	70	67	70	69	2.79	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	37	43	40	40	8.32	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	127	140	123	130	6.78	cps
Holmium	165-1	6848753	6828262	6843543	6840186	0.16	cps
Holmium	165-2	3789051	3866403	3848673	3834709	1.06	cps
Indium	115-1	5235530	5212998	5220111	5222880	0.22	cps
Indium	115-2	1103545	1119485	1124059	1115696	0.97	cps
Iron	56-2	26642933	26764927	26846821	26751560	0.38	cps
Iron	57-2	668009	676255	683440	675901	1.14	cps
Krypton	83-1	147	150	137	144	4.80	cps
Lead	206-1	1699331	1688749	1700777	1696286	0.39	cps
Lead	207-1	1476107	1477530	1495453	1483030	0.73	cps
Lead	208-1	6664174	6671205	6762708	6699362	0.82	cps
Lithium	6-1	2818754	2801319	2786237	2802103	0.58	cps
Magnesium	24-2	5129458	5146347	5179286	5151697	0.49	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	786564	797276	797828	793889	0.80	cps
Molybdenum	94-1	5132897	5106554	5083387	5107613	0.49	cps
Molybdenum	95-1	6362999	6315218	6295055	6324424	0.55	cps
Molybdenum	96-1	7054285	6990941	6991701	7012309	0.52	cps
Molybdenum	97-1	3809657	3732728	3733742	3758709	1.17	cps
Molybdenum	98-1	10151092	10038885	10001167	10063715	0.77	cps
Neodymium	150-1	227	227	253	236	6.53	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	256988	257403	259112	257834	0.44	cps
Phosphorus	31-2	24304	23202	23745	23750	2.32	cps
Potassium	39-2	2307110	2327289	2334449	2322949	0.61	cps
Rhodium	103-1	4736662	4681263	4692129	4703351	0.62	cps
Rhodium	103-2	2264024	2310446	2318818	2297763	1.28	cps
Scandium	45-1	3608275	3568973	3569197	3582149	0.63	cps
Scandium	45-2	139950	141588	142727	141422	0.99	cps
Selenium	77-2	2134	2250	2200	2195	2.67	cps
Selenium	78-2	7257	7057	7535	7283	3.30	cps
Selenium	82-1	50506	49542	49900	49983	0.97	cps
Silicon	28-1	1918272	1907140	1898412	1907941	0.52	cps
Silver	109-1	2743117	2708256	2687821	2713065	1.03	cps
Silver	107-1	2860579	2809247	2830826	2833551	0.91	cps
Sodium	23-2	9779556	9856641	9959953	9865383	0.92	cps
Strontium	86-1	788293	775476	768271	777347	1.30	cps
Strontium	88-1	6997677	6949442	6908969	6952029	0.64	cps
Sulfur	34-1	448469	436036	433364	439289	1.83	cps
Terbium	159-1	7104178	7156903	7194065	7151715	0.63	cps
Terbium	159-2	3731822	3786915	3799849	3772862	0.96	cps
Thallium	203-1	2075721	2079385	2105958	2087022	0.79	cps
Thallium	205-1	5178530	5183208	5294731	5218823	1.26	cps
Thorium	232-1	7044302	7085181	7238107	7122530	1.43	cps
Tin	118-1	1955267	1937948	1940363	1944526	0.48	cps
Titanium	47-1	1703700	1676910	1655448	1678686	1.44	cps
Uranium	238-1	6748485	6802526	6859033	6803348	0.81	cps
Vanadium	51-2	509829	509451	512831	510704	0.36	cps
Yttrium	89-1	14241989	14121260	13992002	14118417	0.89	cps
Yttrium	89-2	1972422	1992710	2004058	1989730	0.81	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	PB122050BS	Instrumnet Name :	P7
Client Sample ID :	PB122050BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:49:42	DataFile Name :	027DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227199	230225	230733	229386	0.83	cps
Zirconium	90-1	4206332	4161109	4136479	4167973	0.85	cps
Zirconium	91-1	912088	897231	898399	902573	0.92	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2180889	2156609	2199411	2178969	0.99	cps
Antimony	121-1	2493515	2488309	2519095	2500307	0.66	cps
Arsenic	75-1	490130	487159	494108	490466	0.71	cps
Barium	135-1	2751556	2744625	2781175	2759118	0.70	cps
Barium	137-1	4986274	5014572	5056717	5019188	0.71	cps
Beryllium	9-1	635524	644478	644744	641582	0.82	cps
Bismuth	209-1	3656993	3665775	3669510	3664093	0.18	cps
Bismuth	209-2	2503239	2504889	2562806	2523645	1.34	cps
Boron	10-1	113012	114003	114053	113689	0.52	cps
Boron	11-1	509835	519795	520479	516703	1.15	cps
Cadmium	111-1	662907	659323	668095	663442	0.66	cps
Cadmium	106-1	74127	75375	76918	75474	1.85	cps
Cadmium	108-1	48884	50005	50402	49764	1.58	cps
Calcium	43-1	3592166	3715671	3599723	3635853	1.90	cps
Calcium	44-1	60067535	59771849	60455485	60098290	0.57	cps
Chromium	52-2	618237	622649	626206	622364	0.64	cps
Cobalt	59-2	964204	970029	976209	970147	0.62	cps
Copper	63-2	1429981	1450155	1461720	1447285	1.11	cps
Dysprosium	156-1	83	92	67	81	15.80	cps
Dysprosium	156-2	97	87	67	83	18.33	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	50	33	83	56	45.83	cps
Gadolinium	160-2	140	137	90	122	22.87	cps
Holmium	165-1	6873756	6942875	6959422	6925351	0.66	cps
Holmium	165-2	3825108	3828273	3891724	3848368	0.98	cps
Indium	115-1	5009634	5009696	5063942	5027757	0.62	cps
Indium	115-2	1082339	1081070	1090892	1084767	0.49	cps
Iron	56-2	125729658	125224769	126761506	125905311	0.62	cps
Iron	57-2	3131345	3115088	3178459	3141631	1.05	cps
Krypton	83-1	127	170	153	150	14.57	cps
Lead	206-1	1652104	1657859	1658357	1656106	0.21	cps
Lead	207-1	1435340	1437915	1446255	1439836	0.40	cps
Lead	208-1	6503118	6520827	6530533	6518159	0.21	cps
Lithium	6-1	2693458	2706458	2714956	2704958	0.40	cps
Magnesium	24-2	24837219	24630869	24997177	24821755	0.74	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	769278	778601	785725	777868	1.06	cps
Molybdenum	94-1	4919454	4953477	4975260	4949397	0.57	cps
Molybdenum	95-1	6100763	6089036	6180149	6123316	0.81	cps
Molybdenum	96-1	6747016	6761277	6853133	6787142	0.85	cps
Molybdenum	97-1	3625183	3649909	3654840	3643311	0.44	cps
Molybdenum	98-1	9704656	9777859	9848580	9777032	0.74	cps
Neodymium	150-1	273	327	280	293	9.91	cps
Neodymium	150-2	27	33	77	46	59.60	cps
Nickel	60-2	245534	246169	250021	247241	0.98	cps
Phosphorus	31-2	22918	23052	23628	23199	1.63	cps
Potassium	39-2	11624514	11533262	11784516	11647431	1.09	cps
Rhodium	103-1	4359048	4398266	4407491	4388268	0.59	cps
Rhodium	103-2	2149087	2163836	2217217	2176713	1.65	cps
Scandium	45-1	3441177	3461364	3493574	3465372	0.76	cps
Scandium	45-2	142481	140105	143500	142029	1.23	cps
Selenium	77-2	2154	2030	2044	2076	3.26	cps
Selenium	78-2	7076	7013	7074	7054	0.51	cps
Selenium	82-1	46905	47316	47096	47106	0.44	cps
Silicon	28-1	1776279	1800420	1818816	1798505	1.19	cps
Silver	109-1	2762552	2743991	2756335	2754293	0.34	cps
Silver	107-1	2867533	2877193	2883081	2875936	0.27	cps
Sodium	23-2	47771921	47226102	48074241	47690755	0.90	cps
Strontium	86-1	748013	755746	755409	753056	0.58	cps
Strontium	88-1	6651179	6730786	6791936	6724634	1.05	cps
Sulfur	34-1	415819	414675	416629	415708	0.24	cps
Terbium	159-1	7134209	7141746	7157124	7144360	0.16	cps
Terbium	159-2	3713267	3718171	3785470	3738969	1.08	cps
Thallium	203-1	2017364	2029114	2038485	2028321	0.52	cps
Thallium	205-1	5069112	5096204	5149464	5104927	0.80	cps
Thorium	232-1	7252299	7267947	7328207	7282818	0.55	cps
Tin	118-1	1845090	1841864	1858405	1848453	0.47	cps
Titanium	47-1	1588989	1598928	1622920	1603612	1.09	cps
Uranium	238-1	6887940	6899084	6966643	6917889	0.62	cps
Vanadium	51-2	504251	507646	512822	508240	0.85	cps
Yttrium	89-1	13649878	13802070	13921685	13791211	0.99	cps
Yttrium	89-2	1965393	1972667	2016617	1984892	1.40	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 17:53:30	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	245312	248895	249469	247892	0.91	cps
Zirconium	90-1	3840004	4000974	3857818	3899599	2.26	cps
Zirconium	91-1	875226	878458	883008	878897	0.44	cps

LB Number : LB104530 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-10 18:07:00 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	17	33	43.30	cps
Antimony	121-1	962	889	708	853	15.35	cps
Arsenic	75-1	-274	-403	-314	-330	-20.10	cps
Barium	135-1	75	42	58	58	28.57	cps
Barium	137-1	83	158	92	111	37.00	cps
Beryllium	9-1	77	123	93	98	24.19	cps
Bismuth	209-1	3980986	3939010	3942039	3954012	0.59	cps
Bismuth	209-2	2814429	2856319	2853079	2841276	0.82	cps
Boron	10-1	5293	4909	5084	5096	3.77	cps
Boron	11-1	22184	22584	22125	22298	1.12	cps
Cadmium	111-1	3069	2860	3223	3051	5.97	cps
Cadmium	106-1	4318	4051	4551	4306	5.81	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	92	108	108	103	9.36	cps
Calcium	44-1	6044	6202	6336	6194	2.36	cps
Chromium	52-2	200	197	243	213	12.20	cps
Cobalt	59-2	43	30	40	38	18.36	cps
Copper	63-2	390	427	403	407	4.56	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	27	17	16	75.27	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	37	30	50	39	26.18	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	123	140	117	127	9.49	cps
Holmium	165-1	7045705	7038421	7088672	7057599	0.38	cps
Holmium	165-2	3937617	4007370	3991217	3978734	0.92	cps
Indium	115-1	5744546	5777796	5816619	5779654	0.62	cps
Indium	115-2	1236822	1266523	1259507	1254284	1.24	cps
Iron	56-2	2845	3000	3056	2967	3.69	cps
Iron	57-2	156	172	139	156	10.72	cps
Krypton	83-1	133	103	197	144	32.98	cps
Lead	206-1	494	461	433	463	6.61	cps
Lead	207-1	628	522	517	556	11.27	cps
Lead	208-1	1811	1811	1650	1758	5.29	cps
Lithium	6-1	2928483	2924334	2927843	2926887	0.08	cps
Magnesium	24-2	158	192	325	225	39.20	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 18:07:00	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	30	47	41	23.41	cps
Molybdenum	94-1	458	308	267	344	29.27	cps
Molybdenum	95-1	383	250	208	281	32.58	cps
Molybdenum	96-1	367	342	325	344	6.09	cps
Molybdenum	97-1	192	142	125	153	22.71	cps
Molybdenum	98-1	575	392	308	425	32.10	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	53	50	70	58	18.55	cps
Phosphorus	31-2	17	17	33	22	43.30	cps
Potassium	39-2	8711	8995	8886	8864	1.61	cps
Rhodium	103-1	5349037	5335984	5404297	5363106	0.68	cps
Rhodium	103-2	2597785	2641289	2641145	2626740	0.95	cps
Scandium	45-1	4035040	4025844	4036054	4032312	0.14	cps
Scandium	45-2	159993	162210	161823	161342	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	22	41	38	39.11	cps
Selenium	82-1	57	111	0	56	99.93	cps
Silicon	28-1	92896	92259	87908	91021	2.98	cps
Silver	109-1	67	133	25	75	72.86	cps
Silver	107-1	117	142	158	139	15.10	cps
Sodium	23-2	4818	4809	5059	4895	2.90	cps
Strontium	86-1	283	308	233	275	13.89	cps
Strontium	88-1	125	92	75	97	26.19	cps
Sulfur	34-1	162157	164228	166881	164422	1.44	cps
Terbium	159-1	7330689	7378846	7375246	7361594	0.36	cps
Terbium	159-2	3889557	3951484	3954026	3931689	0.93	cps
Thallium	203-1	400	442	442	428	5.62	cps
Thallium	205-1	658	608	583	617	6.19	cps
Thorium	232-1	1861	1828	1784	1824	2.14	cps
Tin	118-1	600	742	750	697	12.09	cps
Titanium	47-1	17	92	50	53	71.20	cps
Uranium	238-1	1909	1500	1550	1653	13.48	cps
Vanadium	51-2	13	3	0	6	124.93	cps
Yttrium	89-1	15452156	15381275	15482659	15438697	0.34	cps
Yttrium	89-2	2187744	2238624	2220549	2215639	1.16	cps

LB Number :	LB104530	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-08-10 18:07:00	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187	203	210	200	6.01	cps
Zirconium	90-1	633	642	583	619	5.09	cps
Zirconium	91-1	108	125	142	125	13.33	cps