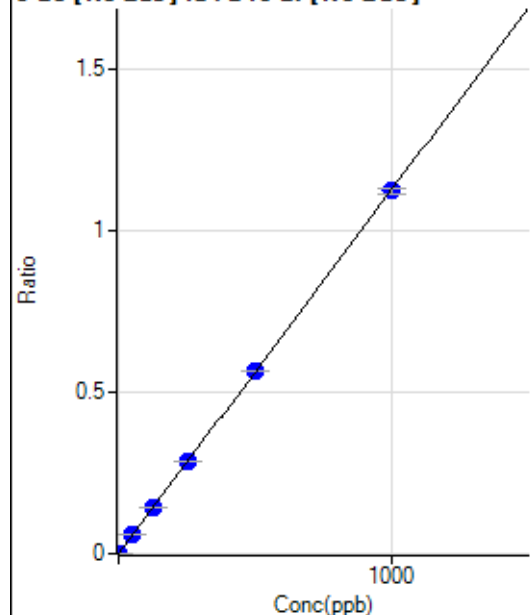


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8072220-MS.b\
Analysis File: P8072220-MS.batch.bin
DA Date-Time: 2020-07-22 10:38:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-07-22 10:12:38
2	006CALS.d	S02	2020-07-22 10:15:49
3	008CALS.d	S03	2020-07-22 10:22:10
4	009CALS.d	S04	2020-07-22 10:25:19
5	010CALS.d	S05	2020-07-22 10:28:30
6	011CALS.d	S06	2020-07-22 10:31:30
7	012CALS.d	S07	2020-07-22 10:34:30
8	013CALS.d	S08	2020-07-22 10:37:29

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.33	0.0001	P	29.1
2	☐	1.000	0.960	621.23	0.0011	P	3.1
3	☐	50.000	51.407	31690.98	0.0578	P	0.5
4	☐	125.000	126.955	79578.94	0.1427	P	0.8
5	☐	250.000	252.728	158796.12	0.2841	P	0.5
6	☐	500.000	503.103	316908.32	0.5654	P	0.4
7	☐	1000.000	997.452	640755.45	1.1209	P	1.4
8	☐			162.63	0.0003	P	14.0

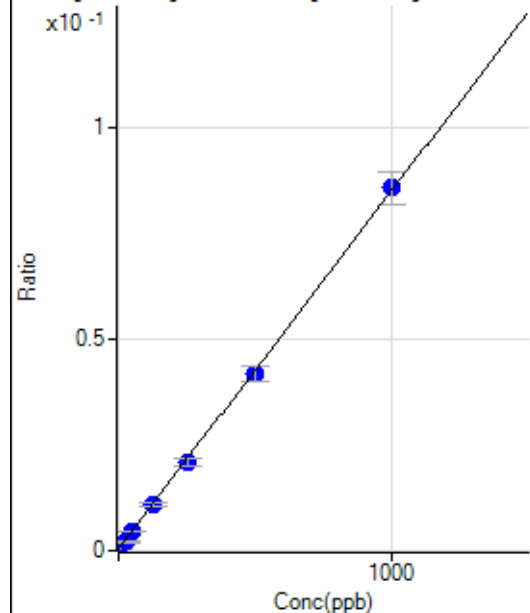
$$y = 0.0011 * x + 5.6343E-005$$

$$R = 1.0000$$

$$DL = 0.04374$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	236.63	0.0004	P	2.7
2	☐	25.000	20.055	1159.82	0.0021	P	9.0
3	☐	50.000	49.046	2501.73	0.0046	P	6.8
4	☐	125.000	121.905	5975.38	0.0107	P	9.5
5	☐	250.000	243.105	11709.69	0.0209	P	8.3
6	☐	500.000	487.319	23304.58	0.0416	P	8.9
7	☐	1000.000	1008.622	48916.03	0.0856	P	8.7
8	☐			7783.87	0.0135	P	8.4

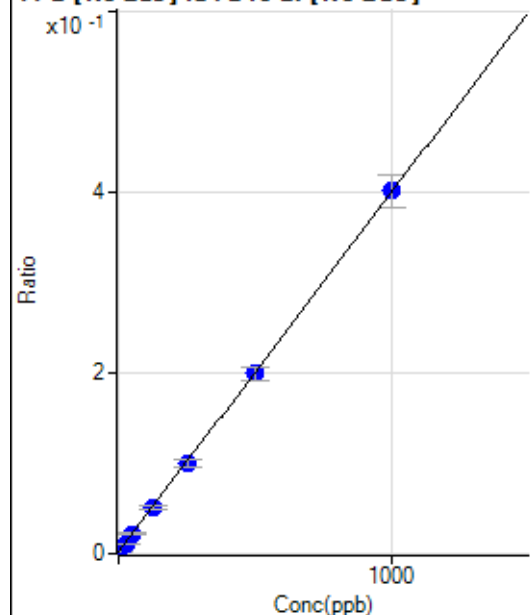
$$y = 8.4412E-005 * x + 4.2543E-004$$

$$R = 0.9999$$

$$DL = 0.4098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1169.15	0.0021	P	3.3
2	☐	25.000	20.404	5592.64	0.0102	P	6.6
3	☐	50.000	49.571	11950.50	0.0218	P	5.5
4	☐	125.000	122.632	28356.34	0.0509	P	7.4
5	☐	250.000	243.879	55374.88	0.0991	P	8.6
6	☐	500.000	496.517	111853.93	0.1995	P	7.4
7	☐	1000.000	1003.705	229314.98	0.4011	P	9.1
8	☐			36301.53	0.0629	P	9.6

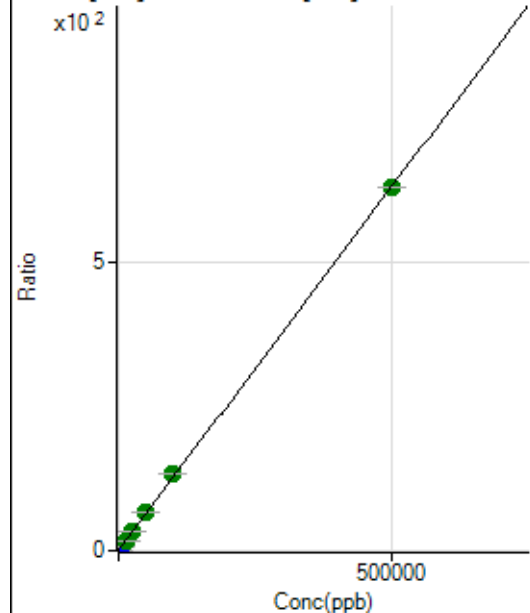
$$y = 3.9755E-004 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.5312$$

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	76252.47	0.8790	P	5.0
2	☐	500.000	467.402	130031.76	1.4678	P	1.0
3	☐	5000.000	5337.522	664141.37	7.6035	P	1.5
4	☐	12500.000	13016.821	1518112.30	17.2782	A	1.4
5	☐	25000.000	26006.764	2928698.13	33.6436	A	2.6
6	☐	50000.000	53083.801	5682366.40	67.7567	A	1.6
7	☐	100000.00	104527.91	11395942.27	132.5686	A	0.8
8	☐	500000.00	498719.43	53632774.12	629.1910	A	0.2

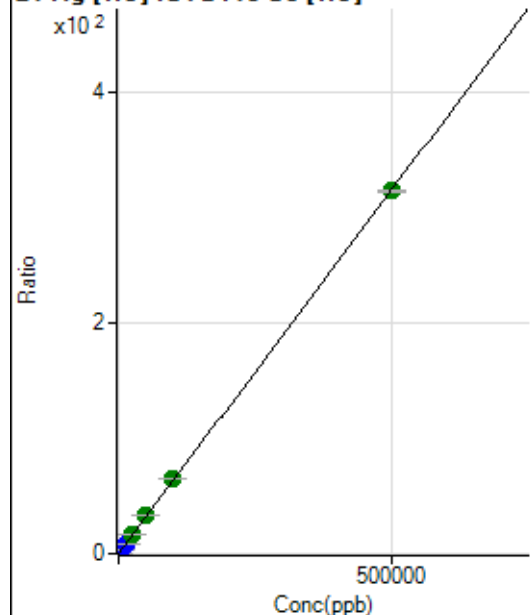
$$y = 0.0013 * x + 0.8790$$

$$R = 0.9999$$

$$DL = 105.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5326.11	0.0614	P	6.5
2	☐	500.000	472.390	31810.36	0.3590	P	1.6
3	☐	5000.000	5347.229	299611.36	3.4302	P	2.0
4	☐	12500.000	13132.447	732294.87	8.3350	P	1.0
5	☐	25000.000	26263.494	1445885.32	16.6077	A	0.8
6	☐	50000.000	53485.026	2830885.24	33.7575	A	1.6
7	☐	100000.00	103101.30	5588803.64	65.0162	A	1.6
8	☐	500000.00	498948.80	26800039.14	314.4039	A	0.6

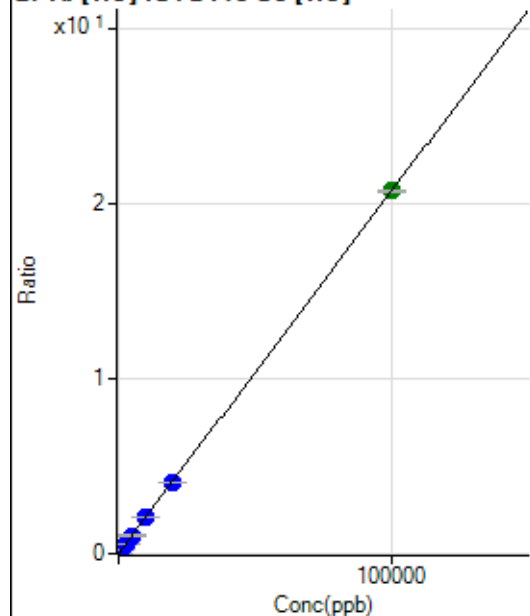
$$y = 6.3001E-004 * x + 0.0614$$

R = 1.0000

DL = 19.02

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	977.18	0.0113	P	6.2
2	☐	20.000	18.241	1333.14	0.0151	P	3.1
3	☐	1000.000	998.796	19081.36	0.2184	P	1.4
4	☐	2500.000	2469.255	45991.05	0.5235	P	1.4
5	☐	5000.000	4982.156	90949.14	1.0447	P	1.7
6	☐	10000.000	10129.694	177152.77	2.1125	P	1.0
7	☐	20000.000	19734.875	352851.02	4.1049	P	0.8
8	☐	100000.00	100041.72	1769907.19	20.7631	A	0.8

$$y = 2.0743E-004 * x + 0.0113$$

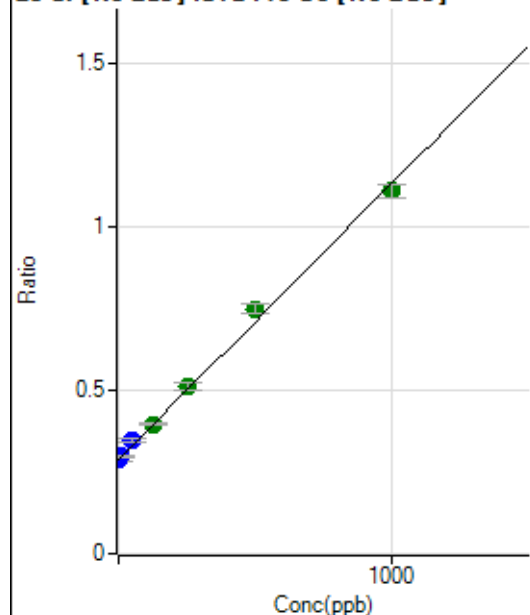
R = 1.0000

DL = 10.17

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	735491.51	0.2881	P	2.6
2	☐	10.000	12.808	755723.71	0.2990	P	2.1
3	☐	50.000	69.137	875738.71	0.3466	P	2.8
4	☐	125.000	128.036	1014720.44	0.3964	A	1.7
5	☐	250.000	266.229	1305092.18	0.5133	A	4.4
6	☐	500.000	544.343	1896945.59	0.7485	A	4.2
7	☐	1000.000	972.407	2804162.26	1.1104	A	4.0
8	☐			916823.20	0.3591	M	4.5

$$y = 8.4561\text{E-}004 * x + 0.2881$$

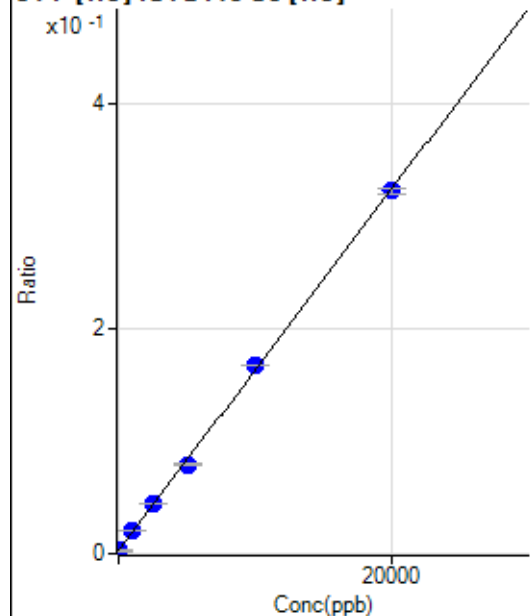
$$R = 0.9983$$

$$DL = 26.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	25.809	288.90	0.0033	P	17.7
2	☐	0.000	-25.809	222.23	0.0025	P	34.6
3	☐	1000.000	1061.851	1741.81	0.0199	P	2.8
4	☐	2500.000	2603.505	3922.87	0.0447	P	2.5
5	☐	5000.000	4759.849	6896.26	0.0792	P	3.4
6	☐	10000.000	10272.331	14054.40	0.1676	P	0.5
7	☐	20000.000	19907.842	27688.15	0.3220	P	1.9
8	☐			208.34	0.0024	P	21.6

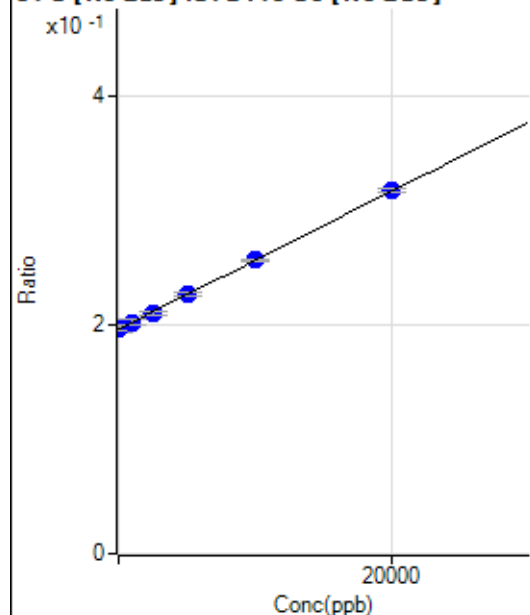
$$y = 1.6030\text{E-}005 * x + 0.0029$$

$$R = 0.9998$$

$$DL = 136.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	36.377	502216.69	0.1968	P	2.8
2	☐	0.000	-36.377	496265.56	0.1963	P	1.9
3	☐	1000.000	982.202	511563.34	0.2025	P	2.6
4	☐	2500.000	2300.899	538614.87	0.2104	P	1.7
5	☐	5000.000	5097.367	578073.36	0.2273	P	1.9
6	☐	10000.000	9946.541	650082.53	0.2565	P	0.9
7	☐	20000.000	20028.165	801471.77	0.3173	P	1.0
8	☐			524100.42	0.2053	P	2.7

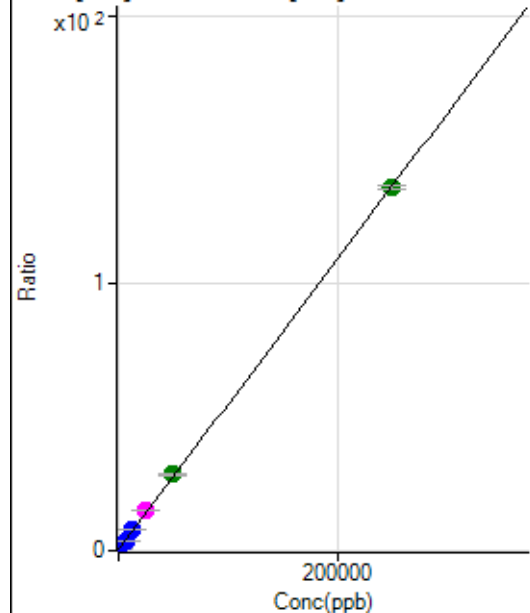
$$y = 6.0308\text{E-}006 * x + 0.1965$$

$$R = 0.9999$$

$$DL = 2273$$

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	32217.05	0.3713	P	4.3
2	☐	500.000	445.721	54283.22	0.6128	P	2.4
3	☐	2500.000	2671.594	158886.19	1.8190	P	2.5
4	☐	6250.000	6540.144	343989.59	3.9152	P	1.4
5	☐	12500.000	13345.575	661900.46	7.6029	P	1.2
6	☐	25000.000	26879.300	1252571.38	14.9365	M	1.0
7	☐	50000.000	51968.311	2452235.17	28.5316	A	2.0
8	☐	250000.00	249367.26	11550002.60	135.4969	A	1.2

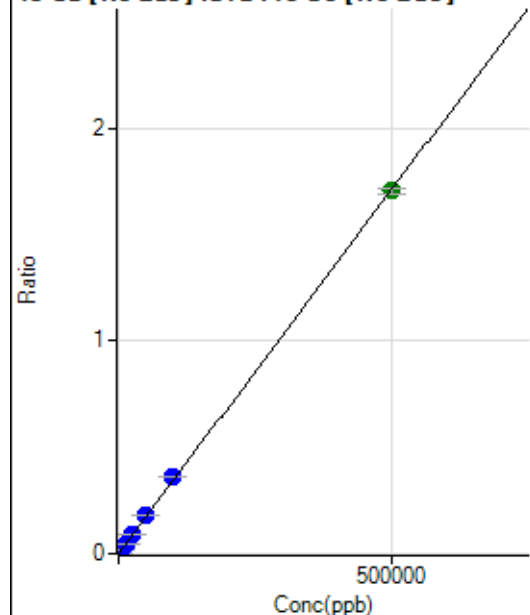
$$y = 5.4187\text{E-}004 * x + 0.3713$$

$$R = 0.9999$$

$$DL = 88.97$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	983.39	0.0004	P	7.6
2	☐	500.000	502.443	5323.38	0.0021	P	1.8
3	☐	5000.000	5363.376	47359.34	0.0187	P	3.8
4	☐	12500.000	13369.841	118148.79	0.0462	P	1.9
5	☐	25000.000	26379.702	230735.96	0.0907	P	0.5
6	☐	50000.000	52416.227	455731.23	0.1798	P	1.2
7	☐	100000.00	105944.32	917012.51	0.3631	P	1.7
8	☐	500000.00	498475.14	4358222.40	1.7069	A	1.6

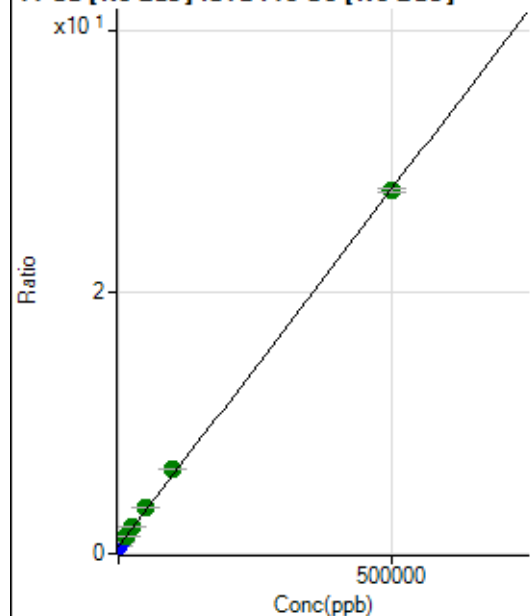
$$y = 3.4235E-006 * x + 3.8548E-004$$

$$R = 0.9999$$

$$DL = 25.73$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1404765.71	0.5504	P	2.9
2	☐	500.000	448.020	1453115.37	0.5749	P	1.8
3	☐	5000.000	5738.243	2182704.38	0.8638	P	2.3
4	☐	12500.000	13775.225	3335018.45	1.3029	A	1.6
5	☐	25000.000	27138.681	5170794.60	2.0329	A	1.2
6	☐	50000.000	53903.786	8856533.13	3.4949	A	0.8
7	☐	100000.00	108573.52	16368750.34	6.4813	A	1.9
8	☐	500000.00	497748.77	70833080.44	27.7405	A	1.0

$$y = 5.4626E-005 * x + 0.5504$$

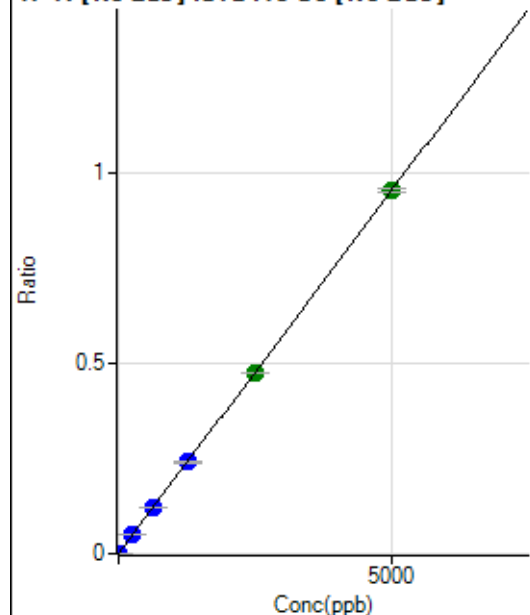
$$R = 0.9998$$

$$DL = 865$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1211.19	0.0005	P	8.3
2	☐	5.000	4.765	3494.95	0.0014	P	2.3
3	☐	250.000	257.252	125116.45	0.0495	P	2.6
4	☐	625.000	635.393	311308.96	0.1216	P	1.8
5	☐	1250.000	1260.672	612460.53	0.2408	P	2.5
6	☐	2500.000	2493.821	1206081.84	0.4759	A	0.4
7	☐	5000.000	4998.760	2408078.70	0.9535	A	1.2
8	☐			1255.64	0.0005	P	5.5

$$y = 1.9065E-004 * x + 4.7424E-004$$

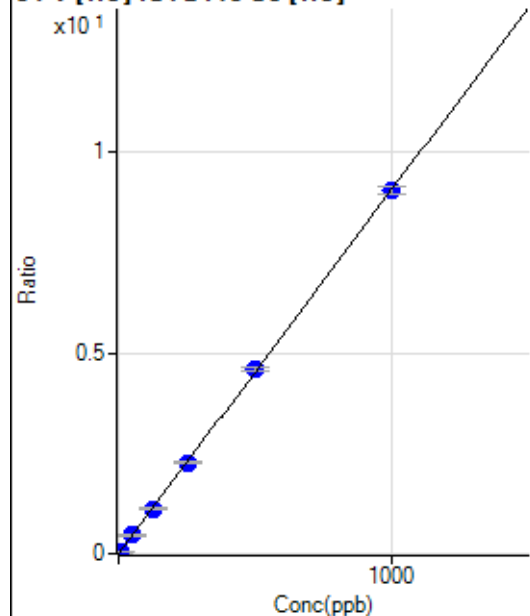
$$R = 1.0000$$

$$DL = 0.6225$$

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	36.67	0.0004	P	64.4
2	☐	5.000	4.663	3778.31	0.0426	P	1.0
3	☐	50.000	50.362	39875.46	0.4565	P	1.5
4	☐	125.000	123.804	98548.12	1.1216	P	1.1
5	☐	250.000	249.971	197122.89	2.2643	P	1.1
6	☐	500.000	505.689	384077.21	4.5801	P	1.8
7	☐	1000.000	997.296	776319.90	9.0323	P	2.1
8	☐			82.22	0.0010	P	12.7

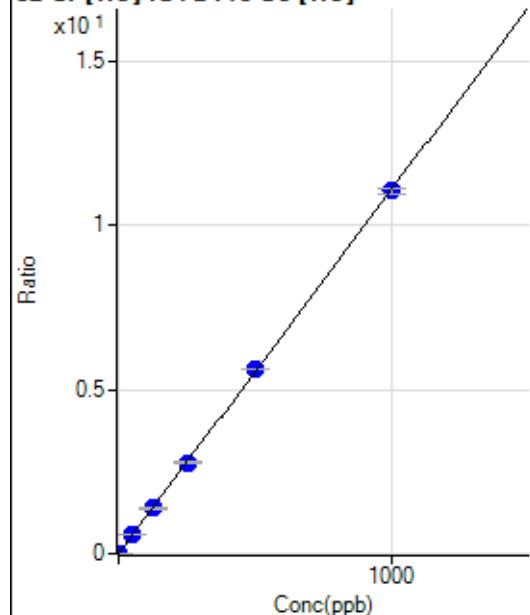
$$y = 0.0091 * x + 4.2215E-004$$

$$R = 1.0000$$

$$DL = 0.09007$$

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	527.79	0.0061	P	9.1
2	☐	2.000	1.918	2420.23	0.0273	P	2.4
3	☐	50.000	51.329	50174.36	0.5744	P	1.2
4	☐	125.000	124.083	121251.17	1.3800	P	1.8
5	☐	250.000	249.427	240972.12	2.7679	P	0.9
6	☐	500.000	507.610	471859.65	5.6266	P	0.5
7	☐	1000.000	996.387	948800.81	11.0386	P	1.4
8	☐			4250.67	0.0499	P	1.6

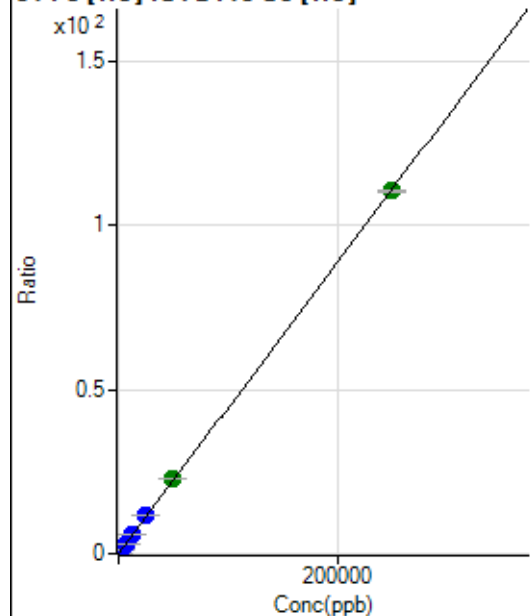
$$y = 0.0111 * x + 0.0061$$

$$R = 1.0000$$

$$DL = 0.1503$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	403.72	0.0046	P	2.0
2	☐	50.000	48.223	2303.93	0.0260	P	3.4
3	☐	2500.000	2626.226	101985.10	1.1676	P	1.5
4	☐	6250.000	6348.347	247402.41	2.8158	P	0.5
5	☐	12500.000	12980.820	500817.24	5.7528	P	1.6
6	☐	25000.000	26265.201	975764.03	11.6354	P	1.0
7	☐	50000.000	51667.074	1966828.41	22.8839	A	2.0
8	☐	250000.00	249512.30	9418728.22	110.4938	A	0.5

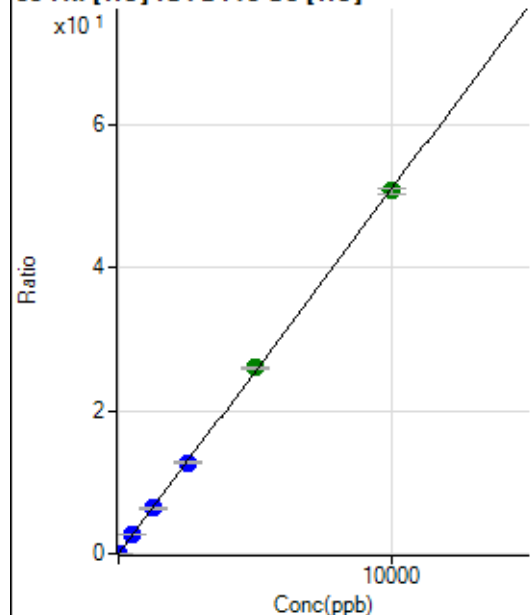
$$y = 4.4282E-004 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 0.6372$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0007	P	35.8
2	☐	1.000	0.971	497.79	0.0056	P	9.3
3	☐	500.000	508.599	226670.82	2.5950	P	0.6
4	☐	1250.000	1241.365	556417.46	6.3327	P	2.0
5	☐	2500.000	2497.925	1109328.89	12.7423	P	1.1
6	☐	5000.000	5104.430	2183495.63	26.0378	A	1.3
7	☐	10000.000	9948.953	4362111.11	50.7492	A	1.3
8	☐			2632.49	0.0309	P	2.0

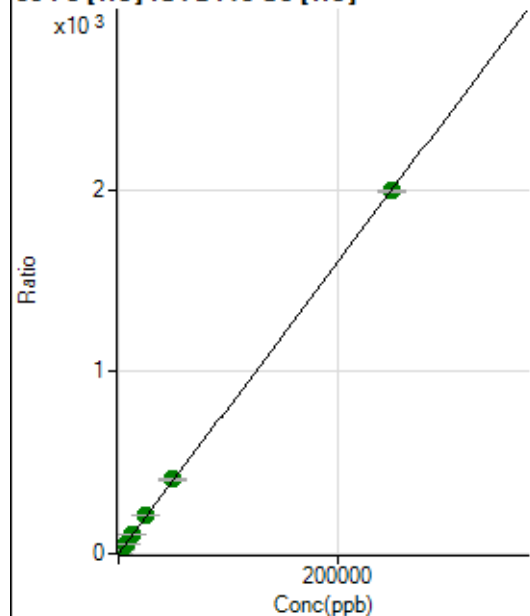
$$y = 0.0051 * x + 6.5981E-004$$

$$R = 0.9999$$

$$DL = 0.1389$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4435.96	0.0511	P	2.6
2	☐	50.000	47.172	37930.25	0.4281	P	1.2
3	☐	2500.000	2645.073	1850838.47	21.1903	A	2.1
4	☐	6250.000	6430.905	4520207.25	51.4462	A	1.3
5	☐	12500.000	12885.633	8968936.54	103.0318	A	2.7
6	☐	25000.000	26116.716	17508153.51	208.7732	A	0.4
7	☐	50000.000	51186.683	35166819.30	409.1298	A	1.6
8	☐	250000.00	249625.73	170055887.1	1,995.034	A	0.6

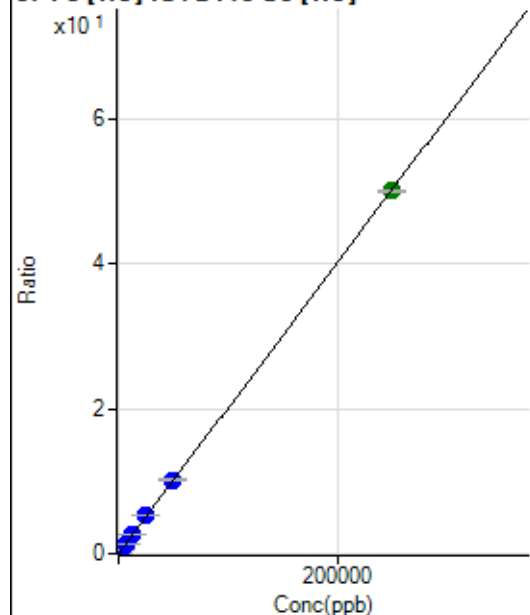
$$y = 0.0080 * x + 0.0511$$

$$R = 1.0000$$

$$DL = 0.4982$$

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	179.63	0.0021	P	18.8
2	☐	50.000	51.078	1090.80	0.0123	P	6.9
3	☐	2500.000	2629.675	46221.24	0.5291	P	0.4
4	☐	6250.000	6357.123	112133.77	1.2762	P	1.1
5	☐	12500.000	12795.315	223446.60	2.5667	P	1.8
6	☐	25000.000	26097.825	438827.14	5.2329	P	1.3
7	☐	50000.000	50660.589	872956.82	10.1561	P	1.3
8	☐	250000.00	249739.35	4266985.34	50.0577	A	0.7

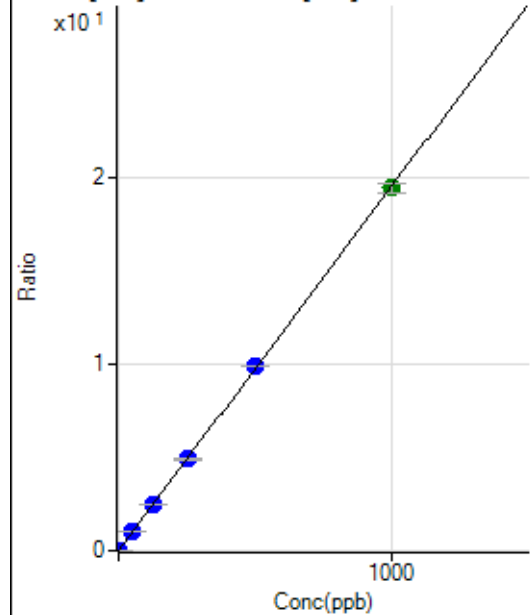
$$y = 2.0043\text{E-}004 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 5.845$$

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	42.22	0.0005	P	16.7
2	☐	1.000	0.900	1602.33	0.0181	P	2.6
3	☐	50.000	51.188	87442.04	1.0011	P	1.9
4	☐	125.000	125.038	214801.95	2.4448	P	0.7
5	☐	250.000	251.748	428458.68	4.9217	P	1.8
6	☐	500.000	506.408	830214.78	9.8999	P	0.7
7	☐	1000.000	996.295	1673901.94	19.4764	A	2.5
8	☐			2811.41	0.0330	P	6.3

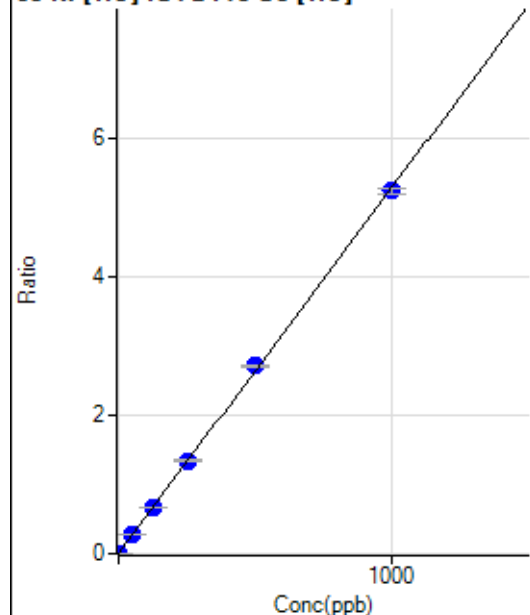
$$y = 0.0195 * x + 4.8430\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01244$$

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	253.34	0.0029	P	15.1
2	☐	1.000	1.050	750.03	0.0085	P	5.7
3	☐	50.000	51.205	23832.24	0.2728	P	1.3
4	☐	125.000	126.302	58750.67	0.6687	P	0.7
5	☐	250.000	253.999	116820.71	1.3418	P	0.9
6	☐	500.000	512.972	227009.78	2.7070	P	0.4
7	☐	1000.000	992.291	449854.27	5.2336	P	1.3
8	☐			1557.88	0.0183	P	3.0

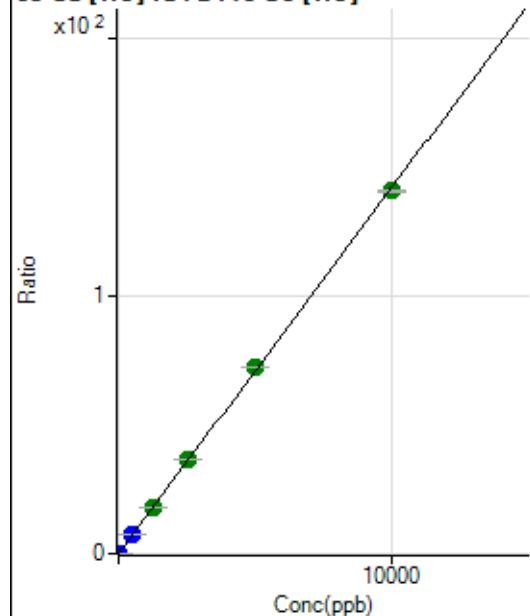
$$y = 0.0053 * x + 0.0029$$

$$R = 0.9999$$

$$DL = 0.2508$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	573.35	0.0066	P	13.6
2	☐	2.000	1.869	2937.00	0.0332	P	3.8
3	☐	500.000	514.284	638519.16	7.3103	P	1.8
4	☐	1250.000	1262.182	1575463.85	17.9317	A	1.1
5	☐	2500.000	2584.495	3196129.05	36.7108	A	0.6
6	☐	5000.000	5112.817	6089836.02	72.6173	A	0.4
7	☐	10000.000	9920.231	12110966.62	140.8907	A	0.6
8	☐			3703.86	0.0434	P	3.5

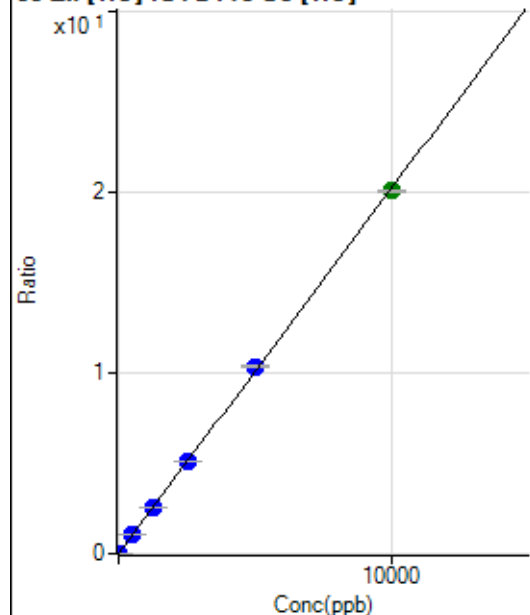
$$y = 0.0142 * x + 0.0066$$

$$R = 0.9999$$

$$DL = 0.1897$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0017	P	15.7
2	☐	2.000	1.990	503.35	0.0057	P	4.7
3	☐	500.000	514.831	91067.10	1.0426	P	1.3
4	☐	1250.000	1260.153	224003.28	2.5495	P	1.0
5	☐	2500.000	2525.750	444725.96	5.1084	P	1.6
6	☐	5000.000	5119.981	868264.32	10.3537	P	0.8
7	☐	10000.000	9931.561	1726247.11	20.0822	A	0.7
8	☐			1611.22	0.0189	P	5.3

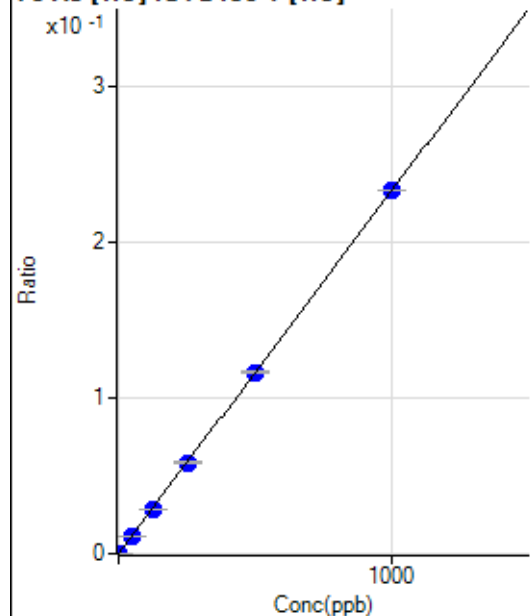
$$y = 0.0020 * x + 0.0017$$

$$R = 0.9999$$

$$DL = 0.3852$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.33	0.0000	P	29.7
2	☐	1.000	1.029	156.35	0.0003	P	9.2
3	☐	50.000	50.000	7122.52	0.0117	P	0.6
4	☐	125.000	122.860	17656.77	0.0286	P	2.7
5	☐	250.000	251.538	35448.08	0.0586	P	0.5
6	☐	500.000	499.193	69234.06	0.1162	P	0.8
7	☐	1000.000	1000.287	139344.09	0.2328	P	0.2
8	☐			59.68	0.0001	P	14.7

$$y = 2.3271E-004 * x + 1.7122E-005$$

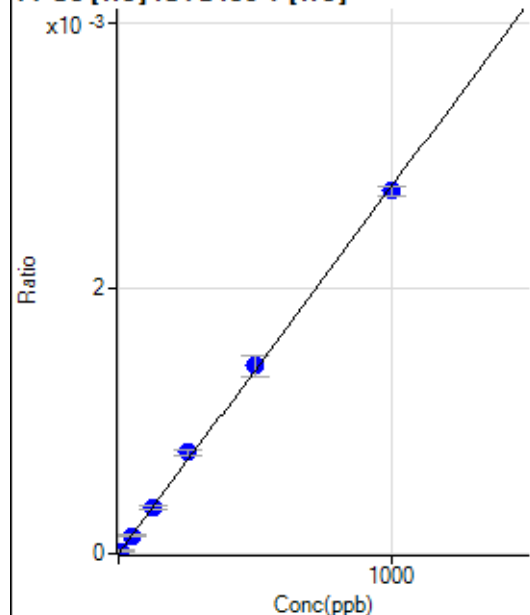
$$R = 1.0000$$

$$DL = 0.06565$$

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	7.238	12.22	0.0000	P	68.5
3	☐	50.000	49.191	83.33	0.0001	P	3.5
4	☐	125.000	126.024	215.56	0.0003	P	10.5
5	☐	250.000	275.470	462.23	0.0008	P	5.7
6	☐	500.000	510.897	843.37	0.0014	P	11.1
7	☐	1000.000	988.085	1639.00	0.0027	P	2.9
8	☐			5.55	0.0000	P	124.6

$$y = 2.7714\text{E-}006 * x + 0.0000\text{E+}000$$

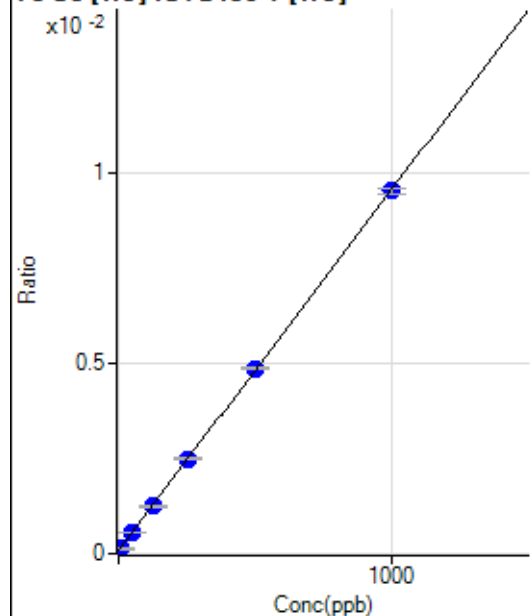
$$R = 0.9995$$

$$DL = 0$$

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	55.01	0.0001	P	16.7
2	☐	5.000	3.909	78.34	0.0001	P	5.7
3	☐	50.000	49.731	343.37	0.0006	P	4.2
4	☐	125.000	121.407	765.10	0.0012	P	3.8
5	☐	250.000	253.392	1505.90	0.0025	P	1.2
6	☐	500.000	504.407	2896.93	0.0049	P	1.5
7	☐	1000.000	997.416	5700.07	0.0095	P	1.3
8	☐			53.01	0.0001	P	22.3

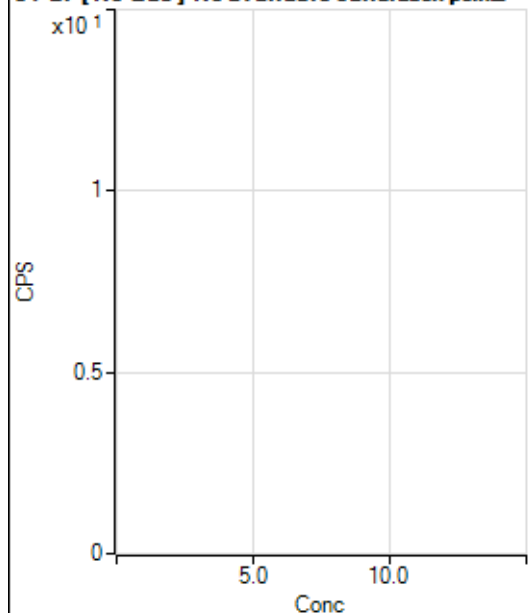
$$y = 9.4554\text{E-}006 * x + 9.1675\text{E-}005$$

$$R = 1.0000$$

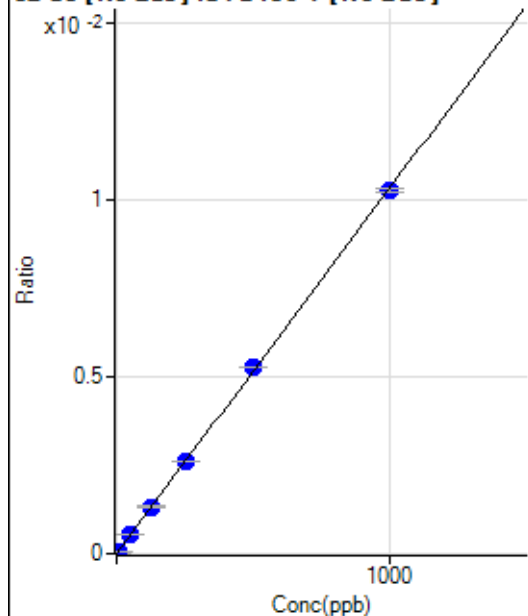
$$DL = 4.856$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3263.75		P	4.9
2	☐			2990.09		P	1.4
3	☐			3277.11		P	7.8
4	☐			3126.91		P	10.7
5	☐			3200.35		P	3.9
6	☐			3110.22		P	1.9
7	☐			3040.14		P	5.6
8	☐			3680.95		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-17.04	0.0000	P	-175.
2	☐	5.000	4.931	262.44	0.0000	P	15.3
3	☐	50.000	54.215	2993.95	0.0006	P	3.8
4	☐	125.000	128.630	7251.67	0.0013	P	1.2
5	☐	250.000	252.025	14194.33	0.0026	P	0.3
6	☐	500.000	511.134	28301.29	0.0053	P	0.8
7	☐	1000.000	993.262	56376.72	0.0103	P	1.0
8	☐			-23.71	0.0000	P	-156.

$$y = 1.0327E-005 * x - 3.1083E-006$$

$$R = 0.9999$$

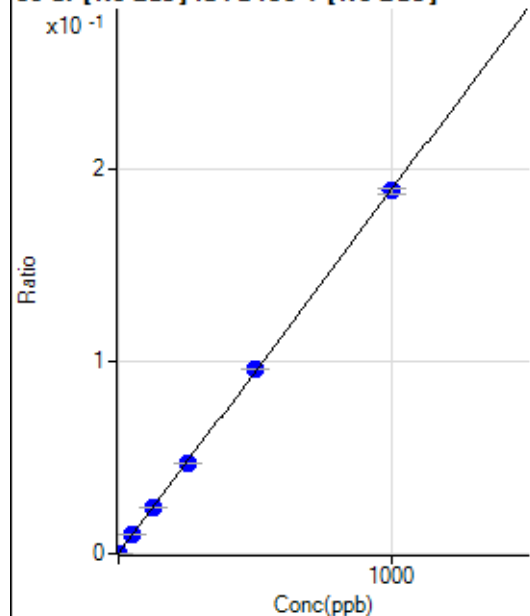
$$DL = 1.581$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			413.34		P	3.5
2	☐			410.01		P	8.6
3	☐			390.01		P	8.7
4	☐			394.45		P	6.0
5	☐			381.12		P	12.7
6	☐			455.57		P	6.8
7	☐			382.23		P	7.3
8	☐			420.01		P	7.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	677.81	0.0001	P	11.7
2	☐	1.000	0.790	1502.90	0.0003	P	1.0
3	☐	50.000	51.079	52739.21	0.0098	P	1.1
4	☐	125.000	127.443	132872.90	0.0243	P	1.9
5	☐	250.000	248.704	258106.85	0.0473	P	1.2
6	☐	500.000	506.346	515660.53	0.0961	P	0.4
7	☐	1000.000	996.792	1039562.64	0.1891	P	1.3
8	☐			6212.66	0.0011	P	0.7

$$y = 1.8956E-004 * x + 1.2401E-004$$

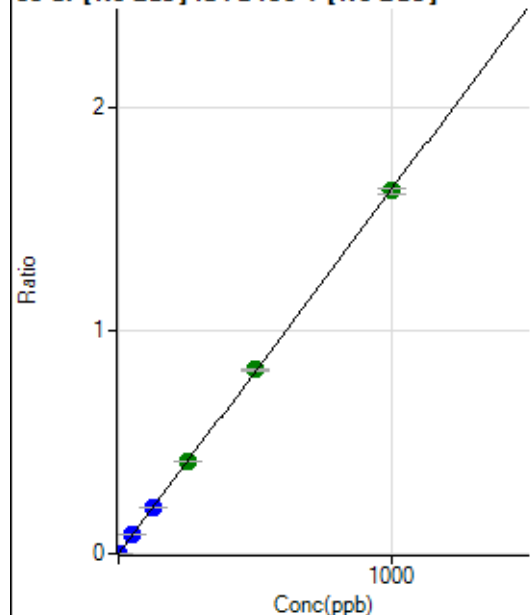
$$R = 1.0000$$

$$DL = 0.2301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	37.7
2	☐	1.000	0.920	8380.51	0.0015	P	6.1
3	☐	50.000	51.578	453563.39	0.0843	P	1.0
4	☐	125.000	127.432	1140066.58	0.2083	P	0.3
5	☐	250.000	252.897	2257637.05	0.4134	A	0.7
6	☐	500.000	505.297	4432093.15	0.8260	A	1.3
7	☐	1000.000	996.245	8954112.87	1.6286	A	1.2
8	☐			48571.47	0.0088	P	1.6

$$y = 0.0016 * x + 2.3978E-005$$

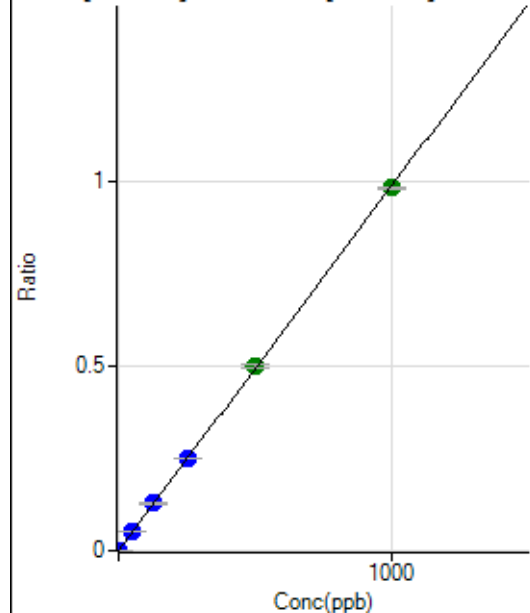
$$R = 1.0000$$

$$DL = 0.01658$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0000	P	7.2
2	☐	1.000	0.956	5420.65	0.0010	P	3.5
3	☐	50.000	52.038	275888.75	0.0513	P	1.2
4	☐	125.000	129.520	698318.50	0.1276	P	1.2
5	☐	250.000	254.937	1371436.72	0.2511	P	0.2
6	☐	500.000	505.910	2673692.08	0.4983	A	1.4
7	☐	1000.000	995.144	5389409.02	0.9802	A	0.6
8	☐			1544.57	0.0003	P	11.2

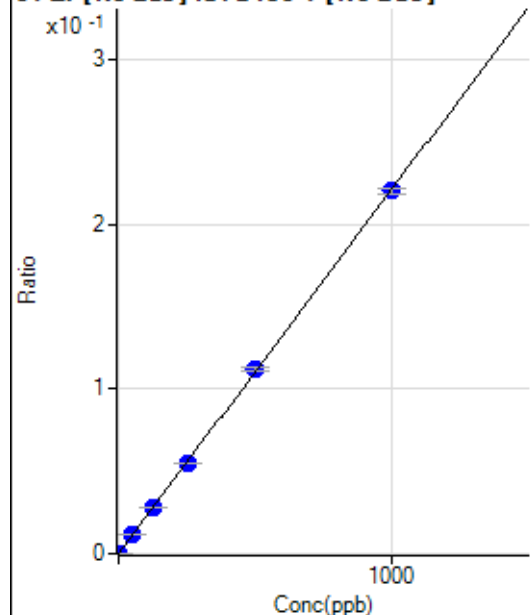
$$y = 9.8496E-004 * x + 4.6295E-005$$

$$R = 1.0000$$

$$DL = 0.01022$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	61.2
2	☐	1.000	1.032	1302.88	0.0002	P	11.4
3	☐	50.000	51.333	61118.18	0.0114	P	2.9
4	☐	125.000	127.401	154269.69	0.0282	P	1.6
5	☐	250.000	250.193	302297.40	0.0554	P	0.5
6	☐	500.000	505.853	600434.75	0.1119	P	1.6
7	☐	1000.000	996.659	1212315.72	0.2205	P	1.4
8	☐			422.24	0.0001	P	13.4

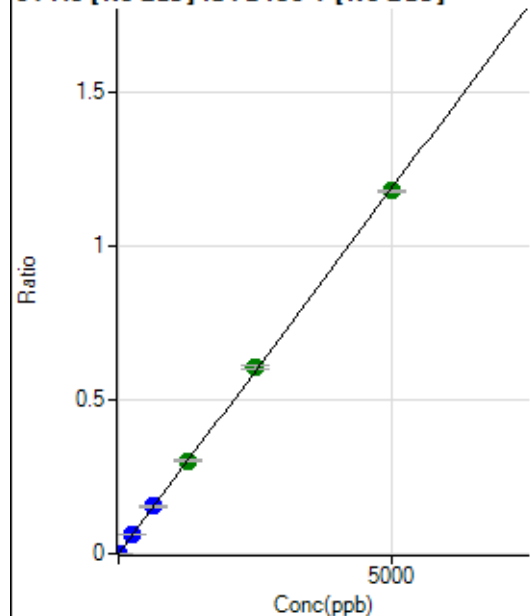
$$y = 2.2123\text{E-}004 * x + 9.1879\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.07626$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	14.7
2	☐	5.000	4.580	6101.53	0.0011	P	1.4
3	☐	250.000	261.425	333961.09	0.0621	P	0.4
4	☐	625.000	648.366	842482.04	0.1540	P	2.1
5	☐	1250.000	1270.210	1647032.82	0.3016	A	1.2
6	☐	2500.000	2545.504	3242710.27	0.6045	A	2.2
7	☐	5000.000	4968.704	6487524.45	1.1798	A	0.7
8	☐			2089.11	0.0004	P	7.9

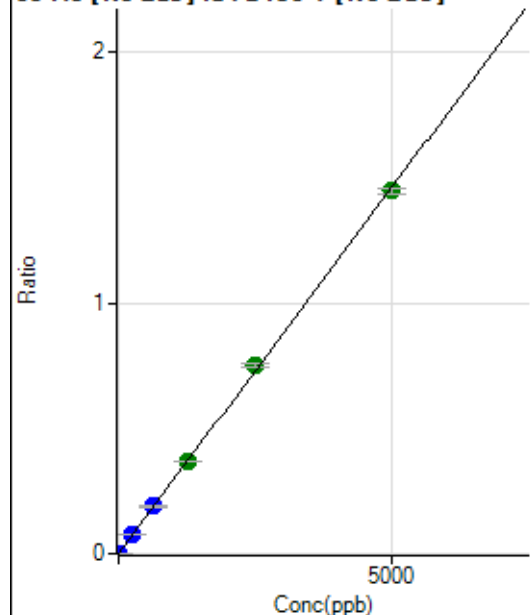
$$y = 2.3745\text{E-}004 * x + 2.3906\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04448$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.8
2	☐	5.000	4.596	7413.28	0.0014	P	0.7
3	☐	250.000	259.828	407898.43	0.0758	P	0.9
4	☐	625.000	645.322	1030772.03	0.1884	P	0.8
5	☐	1250.000	1258.387	2005657.19	0.3673	A	1.1
6	☐	2500.000	2571.751	4027382.51	0.7507	A	1.6
7	☐	5000.000	4958.997	7958823.44	1.4475	A	1.2
8	☐			2739.24	0.0005	P	13.6

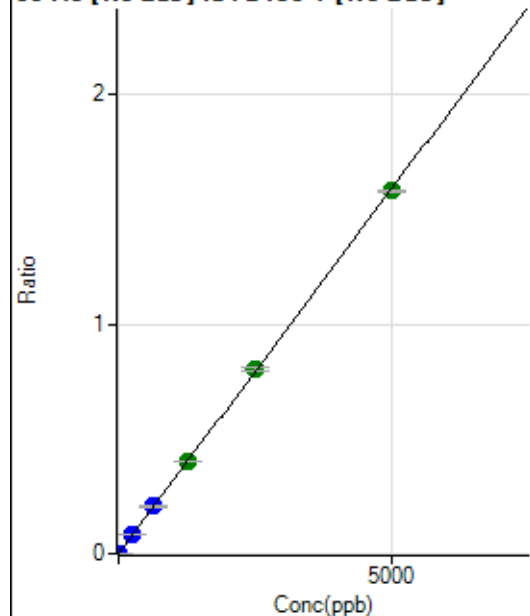
$$y = 2.9188\text{E-}004 * x + 9.1711\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.03188$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.2
2	☐	5.000	4.613	8099.78	0.0015	P	3.4
3	☐	250.000	261.834	447689.14	0.0832	P	0.9
4	☐	625.000	649.016	1129081.15	0.2063	P	1.0
5	☐	1250.000	1266.279	2198121.36	0.4026	A	1.4
6	☐	2500.000	2535.422	4324414.29	0.8060	A	1.4
7	☐	5000.000	4974.626	8695121.64	1.5815	A	0.7
8	☐			3258.80	0.0006	P	8.7

$$y = 3.1790\text{E-}004 * x + 9.1232\text{E-}006$$

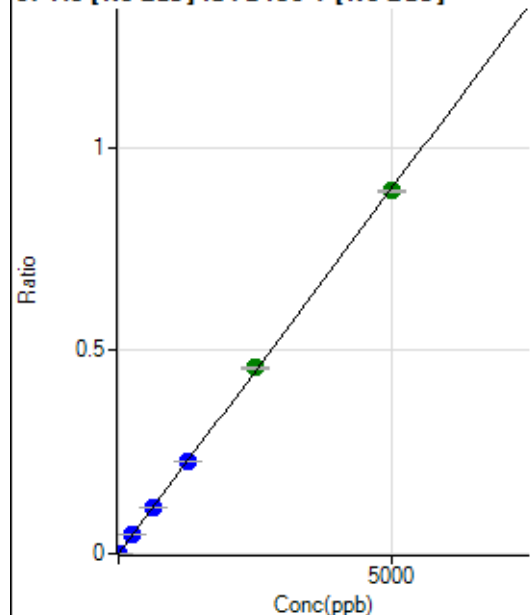
$$R = 1.0000$$

$$DL = 0.03722$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	79.0
2	☐	5.000	4.521	4511.95	0.0008	P	2.1
3	☐	250.000	260.618	251896.30	0.0468	P	1.9
4	☐	625.000	639.408	628729.03	0.1149	P	1.5
5	☐	1250.000	1269.650	1245842.06	0.2282	P	0.5
6	☐	2500.000	2545.534	2454189.83	0.4574	A	1.7
7	☐	5000.000	4969.989	4910543.69	0.8931	A	0.4
8	☐			1641.81	0.0003	P	9.5

$$y = 1.7969E-004 * x + 9.7157E-006$$

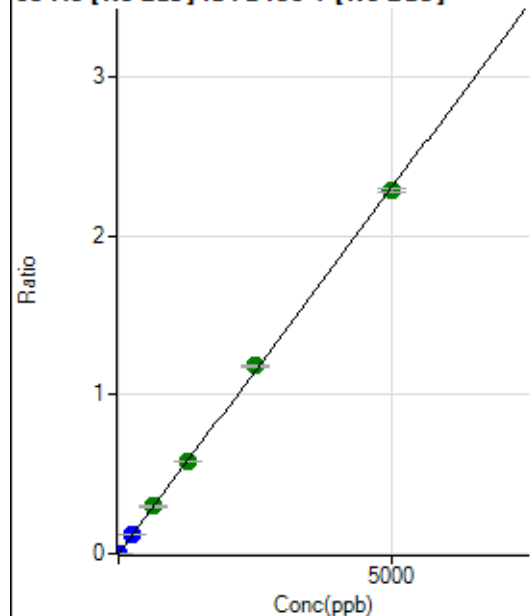
$$R = 0.9999$$

$$DL = 0.1282$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	54.1
2	☐	5.000	4.636	11769.18	0.0021	P	3.7
3	☐	250.000	259.676	643574.33	0.1197	P	1.0
4	☐	625.000	647.880	1633614.48	0.2986	A	2.0
5	☐	1250.000	1257.458	3164110.57	0.5795	A	1.4
6	☐	2500.000	2570.466	6355434.69	1.1845	A	0.8
7	☐	5000.000	4959.559	12565691.86	2.2855	A	1.0
8	☐			4206.32	0.0008	P	10.4

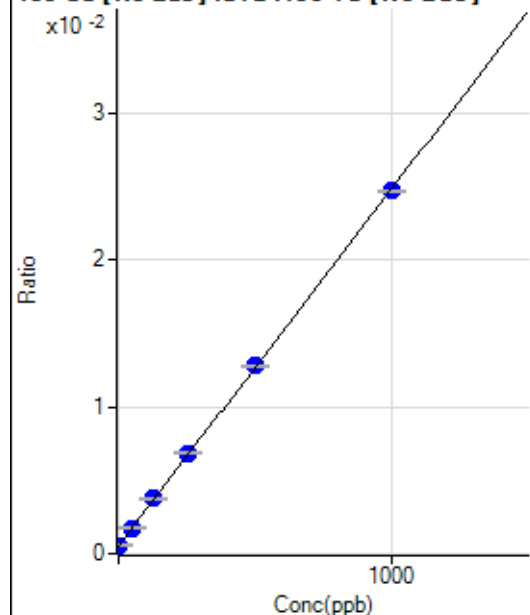
$$y = 4.6083E-004 * x + 7.6629E-006$$

$$R = 0.9998$$

$$DL = 0.02701$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1766.84	0.0005	P	7.9
2	☐	1.000	1.441	1900.19	0.0006	P	5.6
3	☐	50.000	48.534	5676.32	0.0017	P	5.8
4	☐	125.000	131.391	12411.44	0.0037	P	3.7
5	☐	250.000	258.533	22215.65	0.0068	P	1.8
6	☐	500.000	504.381	41908.69	0.0128	P	1.5
7	☐	1000.000	994.950	82859.82	0.0247	P	0.6
8	☐			1686.26	0.0005	P	12.2

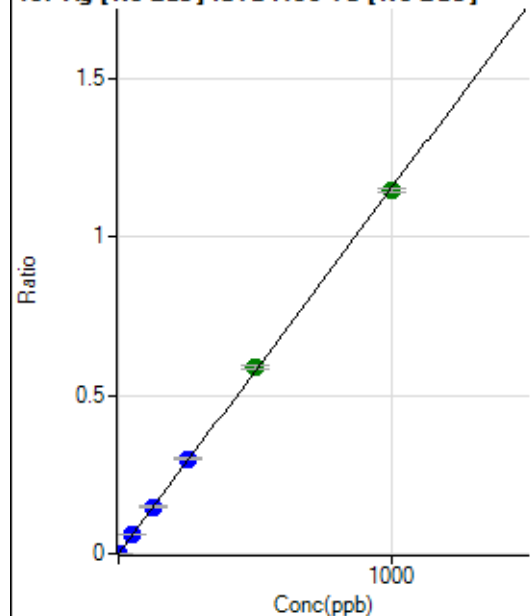
$$y = 2.4257E-005 * x + 5.4466E-004$$

$$R = 0.9999$$

$$DL = 5.314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	32.9
2	☐	1.000	1.011	3856.19	0.0012	P	4.3
3	☐	50.000	51.612	196519.94	0.0596	P	0.5
4	☐	125.000	128.866	495223.17	0.1489	P	1.3
5	☐	250.000	258.113	971928.42	0.2982	P	1.9
6	☐	500.000	509.755	1931247.11	0.5889	A	1.9
7	☐	1000.000	992.530	3849656.99	1.1466	A	1.0
8	☐			1855.73	0.0005	P	1.1

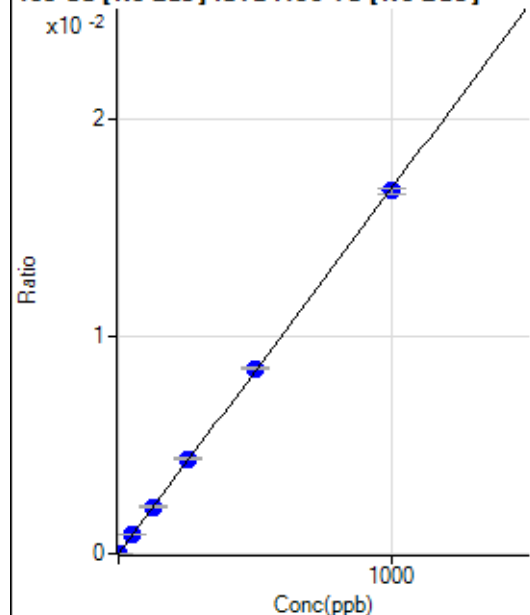
$$y = 0.0012 * x + 7.7003E-006$$

$$R = 0.9999$$

$$DL = 0.006577$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	49.8
2	☐	1.000	0.878	56.94	0.0000	P	17.6
3	☐	50.000	51.836	2885.06	0.0009	P	1.6
4	☐	125.000	127.327	7144.99	0.0021	P	5.8
5	☐	250.000	259.873	14271.43	0.0044	P	2.6
6	☐	500.000	507.536	28038.30	0.0085	P	1.4
7	☐	1000.000	993.381	56174.72	0.0167	P	1.4
8	☐			56.94	0.0000	P	19.1

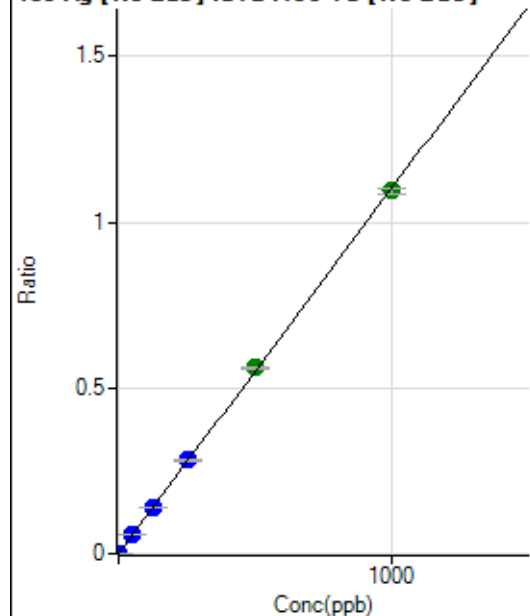
$$y = 1.6840\text{E-}005 * x + 2.5667\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.2278$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.6
2	☐	1.000	0.990	3595.01	0.0011	P	4.5
3	☐	50.000	52.140	189288.95	0.0574	P	0.6
4	☐	125.000	128.140	469526.78	0.1411	P	0.8
5	☐	250.000	256.630	921351.21	0.2827	P	1.8
6	☐	500.000	508.523	1836848.91	0.5601	A	1.8
7	☐	1000.000	993.582	3674210.63	1.0944	A	1.6
8	☐			1750.16	0.0005	P	7.8

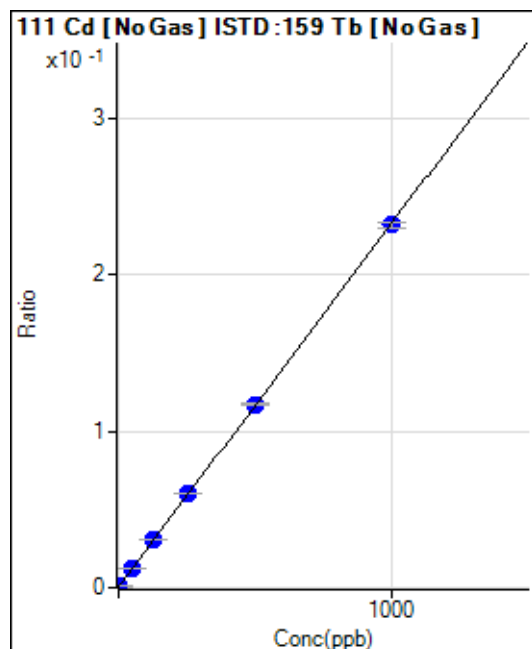
$$y = 0.0011 * x + 5.9972\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008095$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1239.29	0.0004	P	8.0
2	☐	1.000	1.072	2068.08	0.0006	P	2.4
3	☐	50.000	51.546	40674.99	0.0123	P	0.6
4	☐	125.000	129.801	101453.61	0.0305	P	0.9
5	☐	250.000	257.210	195772.32	0.0601	P	1.6
6	☐	500.000	502.667	383750.42	0.1170	P	0.8
7	☐	1000.000	996.187	777287.22	0.2315	P	1.5
8	☐			1443.31	0.0004	P	11.3

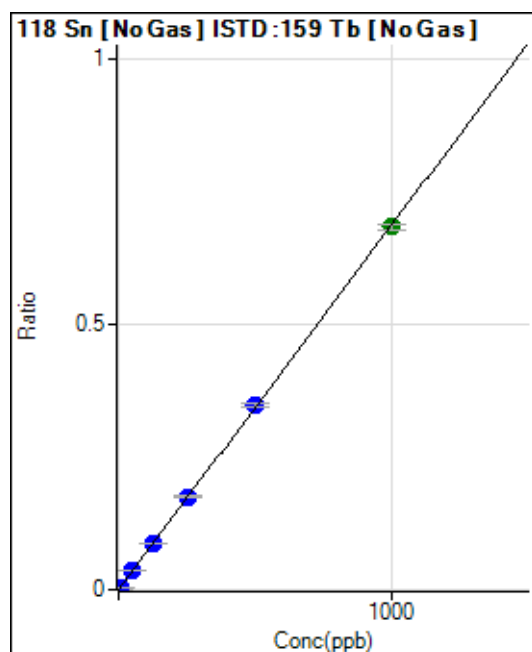
$$y = 2.3202\text{E-}004 * x + 3.8203\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3973$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0001	P	9.1
2	☐	5.000	4.914	11363.36	0.0035	P	4.2
3	☐	50.000	51.491	116679.05	0.0354	P	1.7
4	☐	125.000	126.235	288275.12	0.0867	P	1.5
5	☐	250.000	255.605	571679.50	0.1754	P	1.5
6	☐	500.000	505.782	1137800.53	0.3469	P	1.5
7	☐	1000.000	995.479	2292228.81	0.6828	A	1.8
8	☐			438.91	0.0001	P	13.1

$$y = 6.8577\text{E-}004 * x + 9.5915\text{E-}005$$

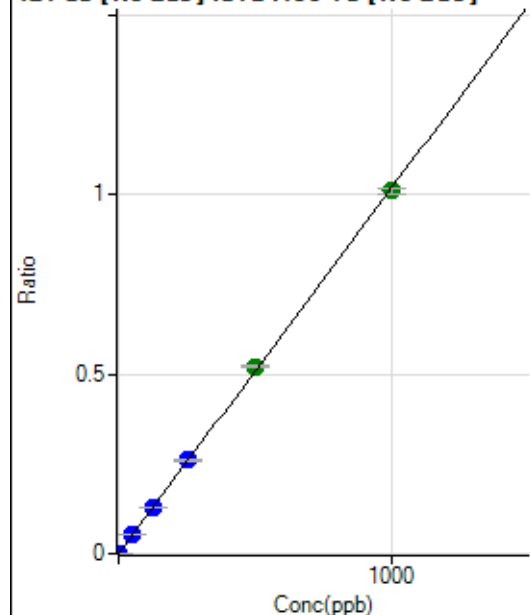
$$R = 1.0000$$

$$DL = 0.03835$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	2.000	2.010	6718.53	0.0020	P	2.1
3	☐	50.000	51.521	172665.15	0.0524	P	1.0
4	☐	125.000	127.087	429890.00	0.1292	P	0.7
5	☐	250.000	256.190	849154.55	0.2605	P	1.4
6	☐	500.000	511.039	1704273.06	0.5197	A	0.8
7	☐	1000.000	992.596	3388556.85	1.0093	A	1.8
8	☐			2241.92	0.0007	P	14.9

$$y = 0.0010 * x + 5.1335E-006$$

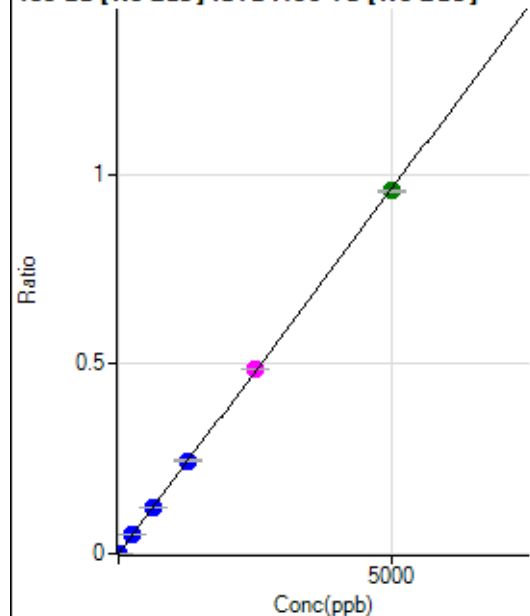
$$R = 0.9999$$

$$DL = 0.007549$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.3
2	☐	10.000	9.861	6243.30	0.0019	P	0.7
3	☐	250.000	253.508	160778.09	0.0488	P	1.4
4	☐	625.000	637.682	408194.10	0.1227	P	1.1
5	☐	1250.000	1278.469	801973.08	0.2460	P	0.7
6	☐	2500.000	2530.275	1596855.47	0.4869	M	0.5
7	☐	5000.000	4975.985	3214980.26	0.9575	A	0.3
8	☐			5592.97	0.0017	P	3.1

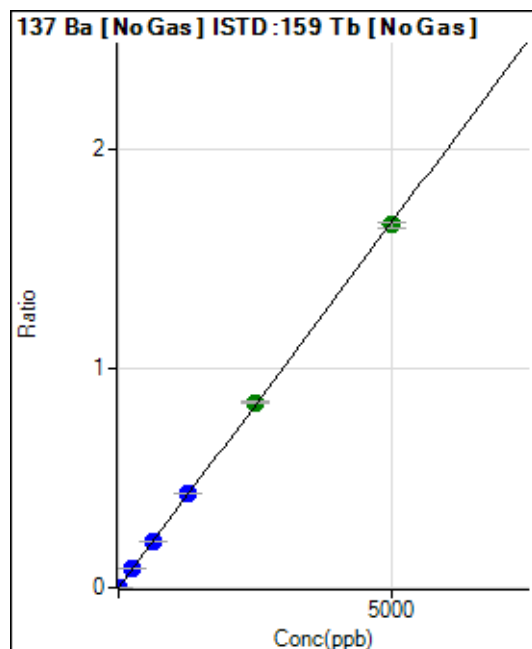
$$y = 1.9243E-004 * x + 5.9926E-006$$

$$R = 1.0000$$

$$DL = 0.02273$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.3
2	☐	10.000	9.655	10557.15	0.0032	P	2.8
3	☐	250.000	256.168	281129.99	0.0853	P	0.6
4	☐	625.000	640.867	709955.12	0.2134	P	0.8
5	☐	1250.000	1290.800	1401003.27	0.4298	P	1.5
6	☐	2500.000	2538.725	2772311.30	0.8454	A	1.3
7	☐	5000.000	4968.146	5553811.24	1.6543	A	1.9
8	☐			9717.61	0.0029	P	2.3

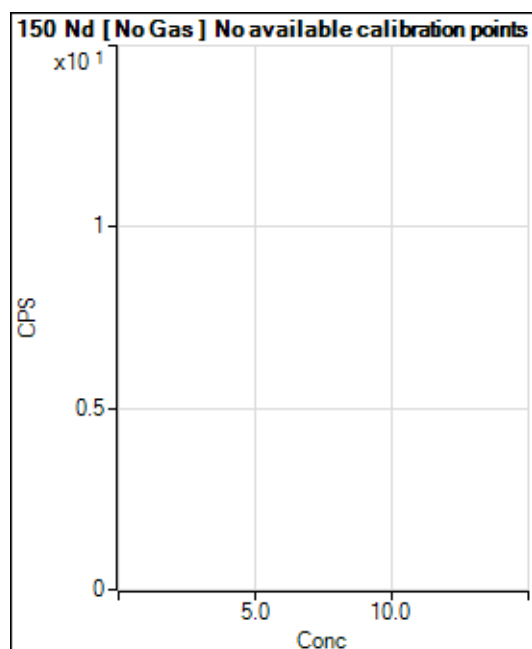
$$y = 3.3298\text{E-}004 * x + 4.2783\text{E-}006$$

$$R = 0.9999$$

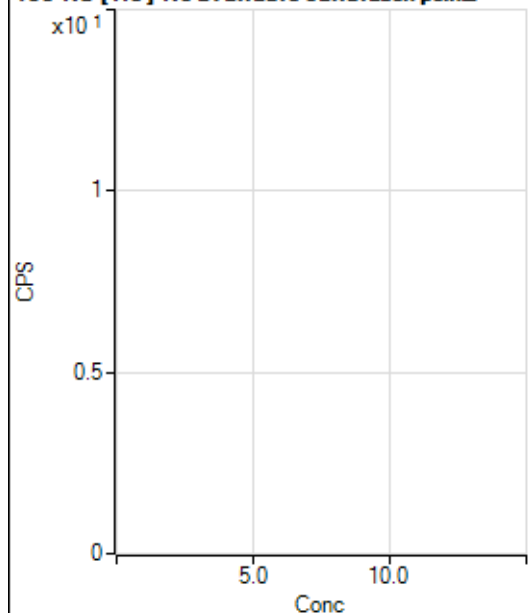
$$DL = 0.01323$$

Weight: <None>

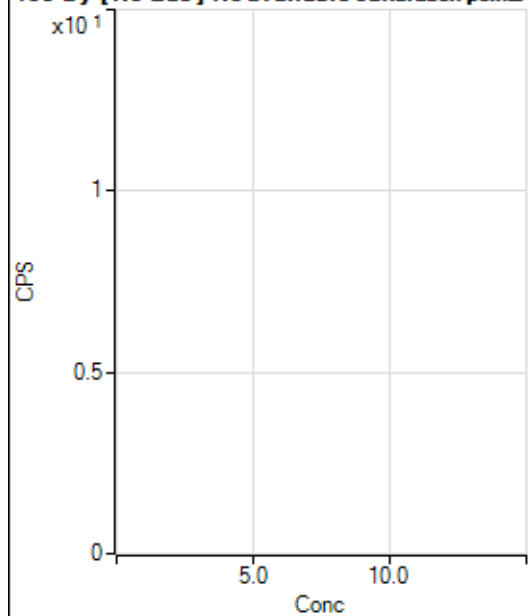
Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	173.2
3	☐			13.33		P	50.0
4	☐			20.00		P	88.2
5	☐			35.56		P	60.3
6	☐			57.78		P	13.3
7	☐			133.34		P	8.7
8	☐			8.89		P	114.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			3.33		P	0.0
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.44		P	114.6
6	☐			6.67		P	50.0
7	☐			15.56		P	96.6
8	☐			4.45		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐			8.33		P	100.0
3	☐			13.89		P	34.7
4	☐			22.22		P	57.3
5	☐			19.45		P	24.7
6	☐			50.00		P	16.7
7	☐			97.23		P	9.9
8	☐			202.79		P	39.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			4.45		P	86.6
3	☐			2.22		P	86.6
4	☐			6.67		P	50.0
5	☐			8.89		P	21.6
6	☐			17.78		P	75.8
7	☐			34.44		P	47.7
8	☐			86.67		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐			69.45		P	34.6
3	☐			58.33		P	14.3
4	☐			47.22		P	50.9
5	☐			72.22		P	56.9
6	☐			100.00		P	25.0
7	☐			91.67		P	32.8
8	☐			261.12		P	6.6

160 Gd [He] No available calibration points

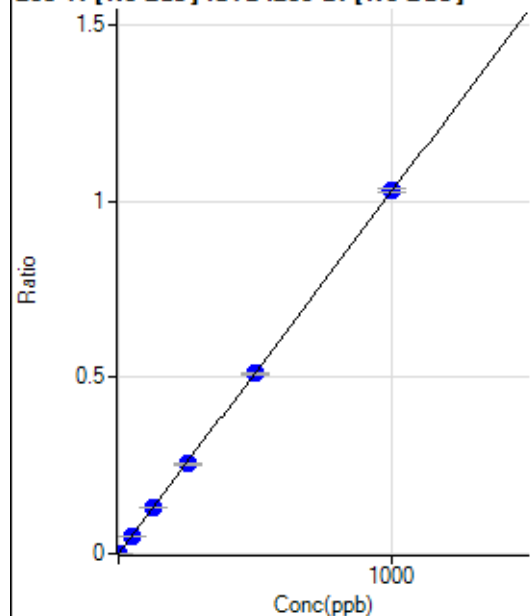
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	47.2
2	☐			15.56		P	12.4
3	☐			13.33		P	50.0
4	☐			10.00		P	57.7
5	☐			20.00		P	44.1
6	☐			26.67		P	43.3
7	☐			22.22		P	60.6
8	☐			106.67		P	14.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐			30.56		P	87.7
3	☐			13.89		P	69.3
4	☐			22.22		P	78.1
5	☐			36.11		P	53.3
6	☐			38.89		P	44.6
7	☐			33.33		P	0.0
8	☐			30.55		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	50.0
3	☐			6.67		P	50.0
4	☐			10.00		P	33.3
5	☐			7.78		P	107.8
6	☐			14.44		P	53.3
7	☐			17.78		P	39.0
8	☐			16.67		P	20.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.9
2	☐	1.000	0.963	1555.70	0.0010	P	3.9
3	☐	50.000	50.154	79415.05	0.0515	P	0.9
4	☐	125.000	125.802	201942.70	0.1291	P	0.5
5	☐	250.000	247.089	395772.04	0.2536	P	0.8
6	☐	500.000	496.892	792583.11	0.5099	P	1.7
7	☐	1000.000	1002.174	1613483.65	1.0284	P	1.2
8	☐			655.60	0.0004	P	7.1

$$y = 0.0010 * x + 1.0703E-005$$

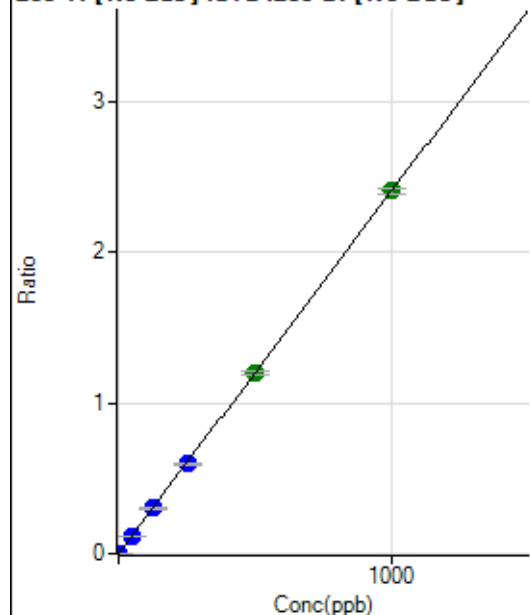
$$R = 1.0000$$

$$DL = 0.01563$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	52.7
2	☐	1.000	0.945	3608.95	0.0023	P	2.1
3	☐	50.000	49.989	185792.42	0.1204	P	1.1
4	☐	125.000	124.775	470115.36	0.3005	P	1.1
5	☐	250.000	247.311	929703.88	0.5957	P	1.8
6	☐	500.000	499.830	1871096.68	1.2038	A	2.2
7	☐	1000.000	1000.786	3781584.77	2.4103	A	1.4
8	☐			1522.36	0.0010	P	17.2

$$y = 0.0024 * x + 4.1076E-005$$

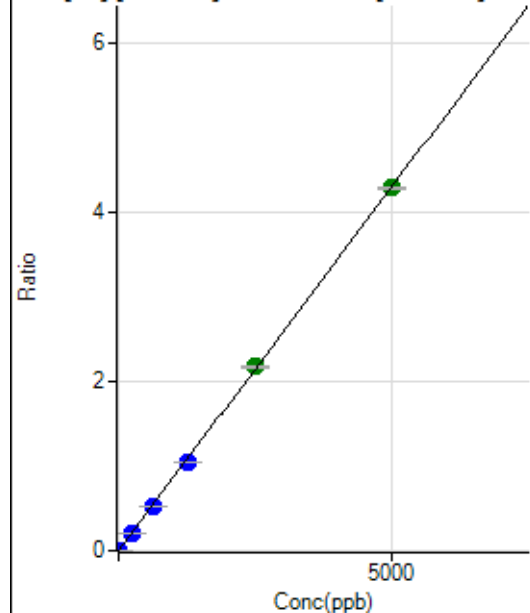
$$R = 1.0000$$

$$DL = 0.02695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0001	P	26.0
2	☐	1.000	0.759	1181.56	0.0008	P	3.5
3	☐	250.000	248.185	328570.62	0.2130	P	0.5
4	☐	625.000	613.653	823441.01	0.5264	P	0.9
5	☐	1250.000	1221.439	1635353.58	1.0478	P	0.5
6	☐	2500.000	2535.123	3380020.88	2.1745	A	1.4
7	☐	5000.000	4991.088	6716533.83	4.2811	A	0.2
8	☐			2450.28	0.0016	P	5.4

$$y = 8.5772E-004 * x + 1.0732E-004$$

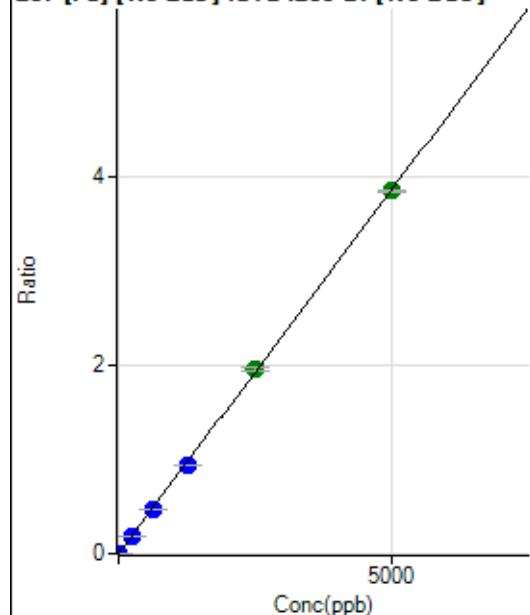
$$R = 0.9999$$

$$DL = 0.09743$$

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	135.19	0.0001	P	26.1
2	☐	1.000	0.877	1188.97	0.0008	P	5.8
3	☐	250.000	246.596	293748.78	0.1904	P	0.7
4	☐	625.000	607.574	733592.18	0.4690	P	0.8
5	☐	1250.000	1219.041	1468583.41	0.9409	P	1.2
6	☐	2500.000	2540.543	3047972.67	1.9608	A	1.6
7	☐	5000.000	4989.817	6041957.89	3.8511	A	0.3
8	☐			2037.24	0.0013	P	1.7

$$y = 7.7177E-004 * x + 8.6770E-005$$

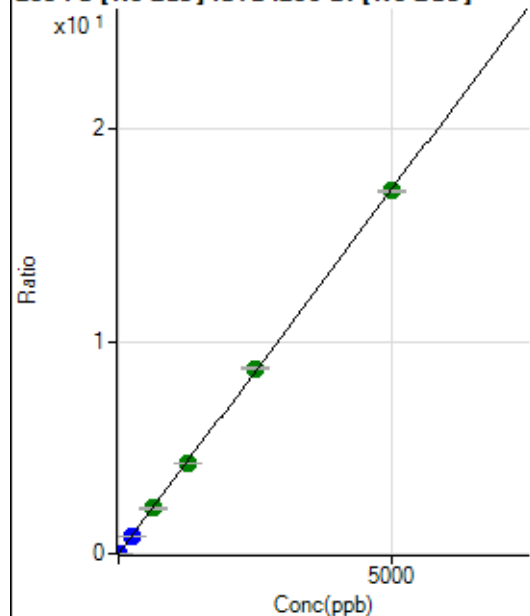
$$R = 0.9999$$

$$DL = 0.08794$$

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	611.13	0.0004	P	18.6
2	☐	1.000	0.849	5152.37	0.0033	P	2.0
3	☐	250.000	247.084	1309212.09	0.8486	P	0.5
4	☐	625.000	621.968	3340435.61	2.1356	A	0.8
5	☐	1250.000	1246.611	6680206.52	4.2799	A	0.5
6	☐	2500.000	2539.245	13550515.53	8.7175	A	1.0
7	☐	5000.000	4981.750	26831944.11	17.1025	A	0.2
8	☐			9477.46	0.0062	P	3.7

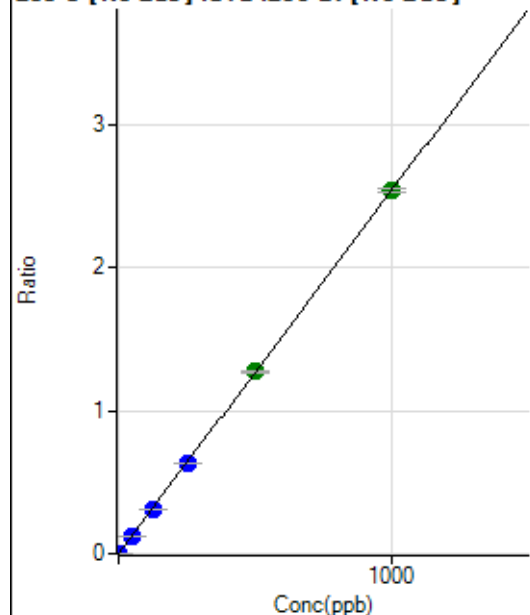
$$y = 0.0034 * x + 3.9313E-004$$

$$R = 1.0000$$

$$DL = 0.06375$$

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	11.11	0.0000	P	44.5
2	☐	1.000	0.900	3564.50	0.0023	P	5.8
3	☐	50.000	49.701	194360.96	0.1260	P	0.8
4	☐	125.000	123.990	491605.82	0.3143	P	0.4
5	☐	250.000	249.110	985553.84	0.6314	P	1.0
6	☐	500.000	501.800	1977121.96	1.2720	A	1.1
7	☐	1000.000	999.464	3974727.91	2.5334	A	1.0
8	☐			511.14	0.0003	P	29.4

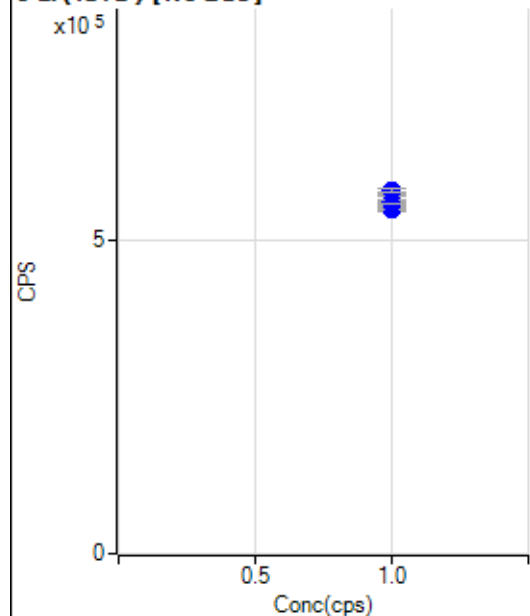
$$y = 0.0025 * x + 7.1669E-006$$

$$R = 1.0000$$

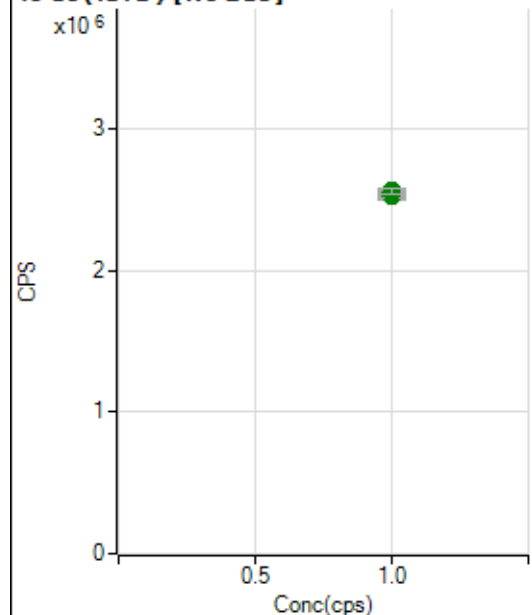
$$DL = 0.003771$$

Weight: <None>

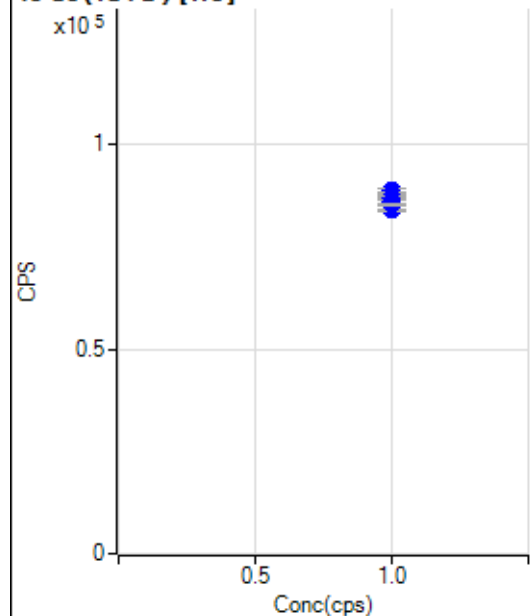
Min Conc: 0

6 Li (ISTD) [No Gas]

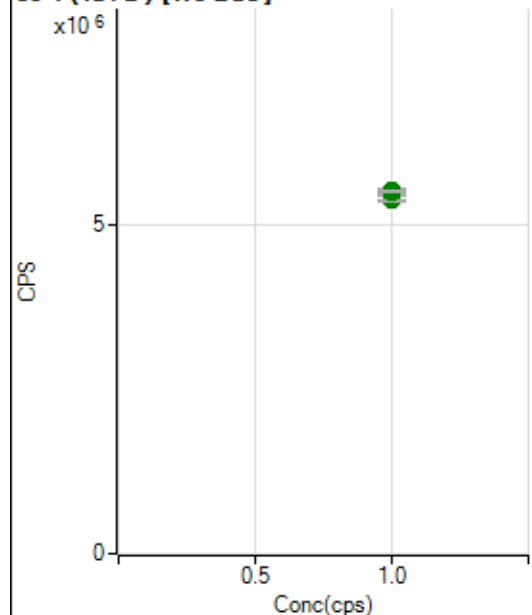
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		556263.89		P	0.6
2	☐	1.000		547551.20		P	0.9
3	☐	1.000		548064.87		P	0.5
4	☐	1.000		557592.15		P	0.2
5	☐	1.000		559038.40		P	0.0
6	☐	1.000		560506.02		P	0.7
7	☐	1.000		571630.88		P	0.5
8	☐	1.000		577683.62		P	0.9

45 Sc (ISTD) [No Gas]

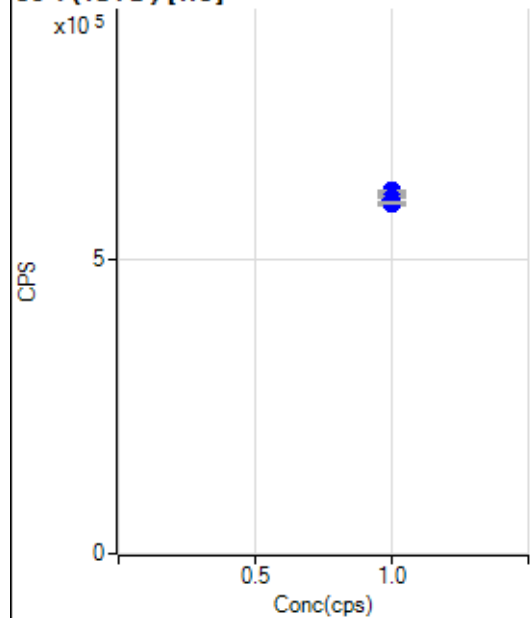
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2553501.37		A	2.4
2	☐	1.000		2528265.17		A	1.6
3	☐	1.000		2527693.87		A	2.4
4	☐	1.000		2560182.22		A	1.6
5	☐	1.000		2543954.58		A	1.8
6	☐	1.000		2534195.35		A	0.7
7	☐	1.000		2525734.48		A	0.8
8	☐	1.000		2553624.15		A	1.7

45 Sc (ISTD) [He]

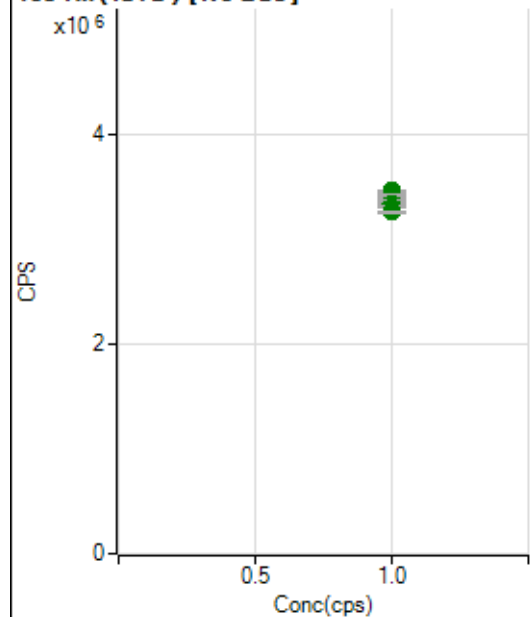
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		86850.84		P	3.5
2	☐	1.000		88594.21		P	1.3
3	☐	1.000		87352.06		P	0.7
4	☐	1.000		87860.18		P	0.5
5	☐	1.000		87066.16		P	1.2
6	☐	1.000		83863.10		P	0.6
7	☐	1.000		85965.44		P	1.5
8	☐	1.000		85240.76		P	0.5

89 Y (ISTD) [No Gas]

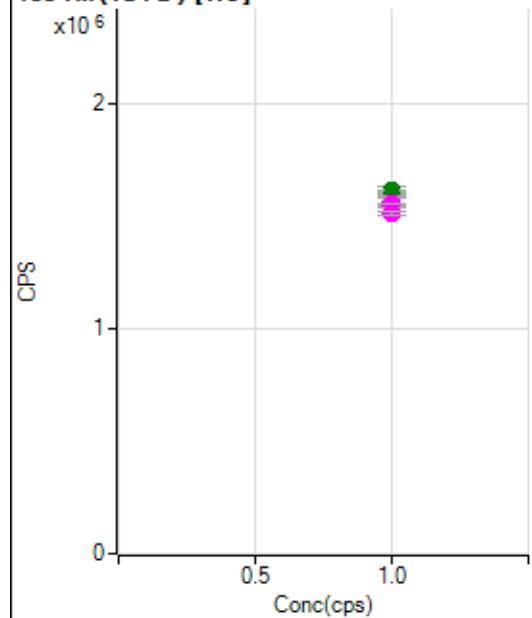
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5461510.47		A	1.3
2	☐	1.000		5489520.47		A	1.8
3	☐	1.000		5377863.53		A	0.3
4	☐	1.000		5472421.65		A	1.3
5	☐	1.000		5460623.53		A	0.7
6	☐	1.000		5365250.37		A	0.7
7	☐	1.000		5498413.39		A	1.1
8	☐	1.000		5512124.36		A	0.7

89 Y (ISTD) [He]

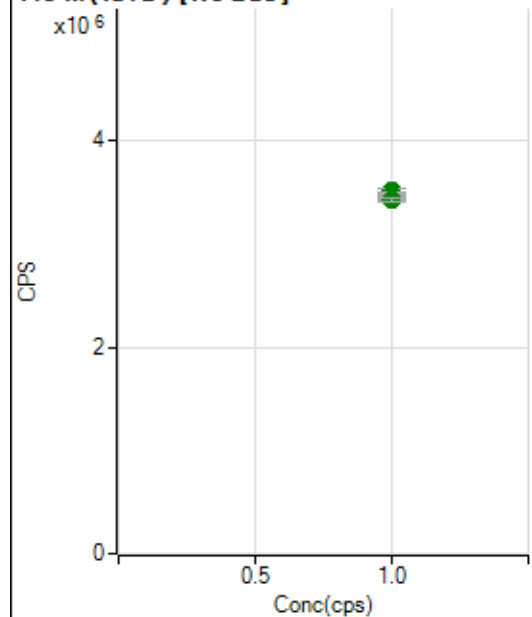
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		602015.15		P	3.2
2	☐	1.000		609106.60		P	0.3
3	☐	1.000		611214.28		P	0.7
4	☐	1.000		617273.96		P	0.8
5	☐	1.000		605389.87		P	0.5
6	☐	1.000		595909.94		P	0.7
7	☐	1.000		598564.89		P	0.4
8	☐	1.000		597343.51		P	0.6

103 Rh (ISTD) [No Gas]

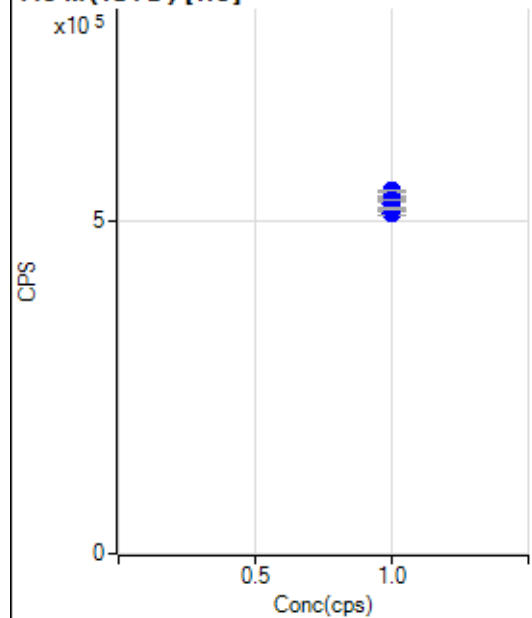
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3413573.43		A	1.3
2	☐	1.000		3456790.36		A	0.4
3	☐	1.000		3361369.95		A	0.4
4	☐	1.000		3418984.89		A	0.8
5	☐	1.000		3342107.52		A	0.8
6	☐	1.000		3331981.02		A	2.5
7	☐	1.000		3304089.01		A	0.8
8	☐	1.000		3252990.89		A	1.0

103 Rh (ISTD) [He]

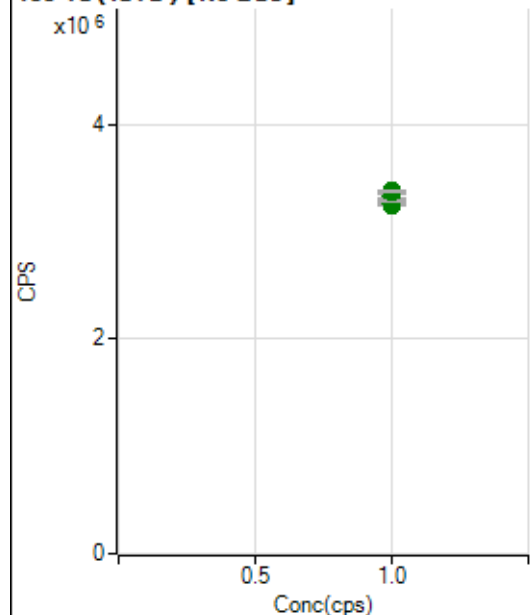
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1569713.00		A	4.2
2	☐	1.000		1610989.86		A	0.4
3	☐	1.000		1612484.45		A	2.2
4	☐	1.000		1614342.65		A	0.8
5	☐	1.000		1587897.32		A	0.9
6	☐	1.000		1555195.31		M	0.7
7	☐	1.000		1549659.26		M	1.3
8	☐	1.000		1516216.17		M	1.0

115 In (ISTD) [No Gas]

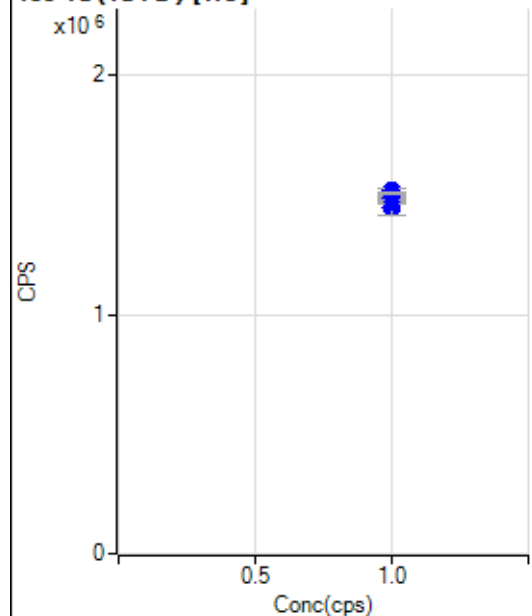
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3515450.34		A	1.9
2	☐	1.000		3457738.53		A	0.5
3	☐	1.000		3444245.66		A	0.6
4	☐	1.000		3489859.76		A	0.6
5	☐	1.000		3435765.28		A	1.3
6	☐	1.000		3430654.80		A	0.3
7	☐	1.000		3427801.66		A	0.2
8	☐	1.000		3427387.07		A	0.8

115 In (ISTD) [He]

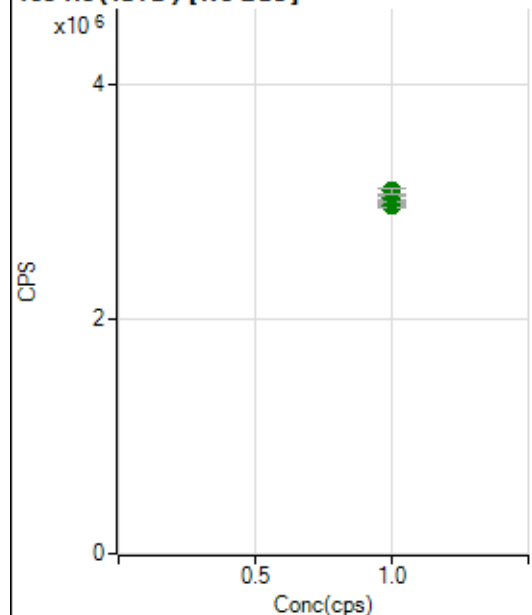
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		526531.12		P	3.6
2	☐	1.000		534673.26		P	1.2
3	☐	1.000		531741.02		P	1.2
4	☐	1.000		544921.50		P	0.8
5	☐	1.000		531002.27		P	0.2
6	☐	1.000		515672.89		P	0.6
7	☐	1.000		511217.45		P	0.8
8	☐	1.000		518424.89		P	0.5

159 Tb (ISTD) [No Gas]

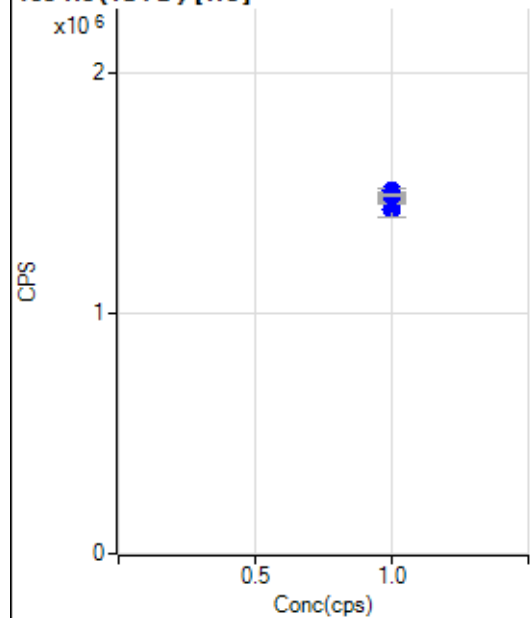
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3243196.69		A	0.5
2	☐	1.000		3279734.60		A	1.2
3	☐	1.000		3295625.26		A	0.7
4	☐	1.000		3326666.65		A	1.2
5	☐	1.000		3260004.33		A	1.5
6	☐	1.000		3279685.72		A	0.7
7	☐	1.000		3357647.00		A	1.1
8	☐	1.000		3377047.10		A	0.8

159 Tb (ISTD) [He]

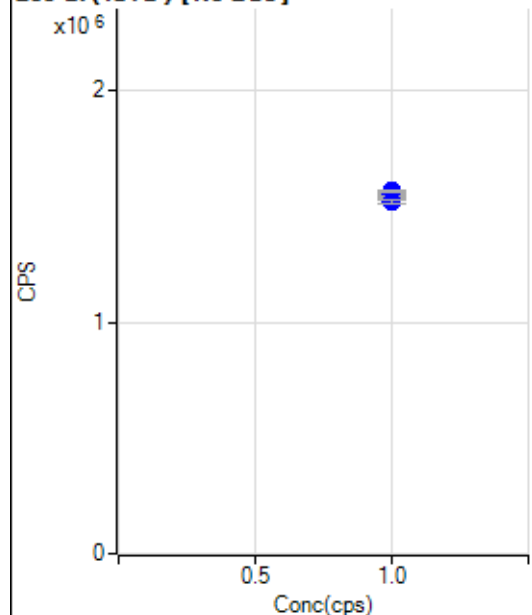
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1449315.79		P	4.5
2	☐	1.000		1482977.29		P	1.0
3	☐	1.000		1480142.01		P	0.9
4	☐	1.000		1516453.00		P	1.1
5	☐	1.000		1487530.01		P	1.0
6	☐	1.000		1469088.40		P	0.5
7	☐	1.000		1484304.98		P	1.2
8	☐	1.000		1505692.63		P	0.8

165 Ho (ISTD) [No Gas]

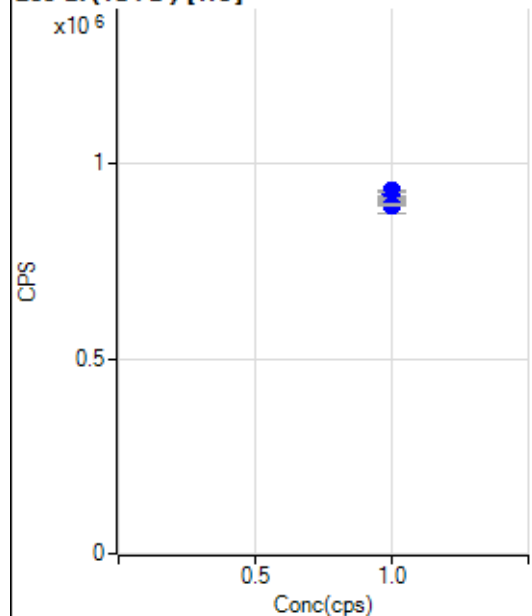
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3002380.69		A	0.9
2	☐	1.000		2994179.86		A	1.5
3	☐	1.000		2962675.07		A	0.9
4	☐	1.000		3033373.33		A	1.1
5	☐	1.000		3009837.76		A	0.6
6	☐	1.000		3023514.00		A	1.9
7	☐	1.000		3056677.26		A	0.5
8	☐	1.000		3090822.18		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1427812.04		P	4.3
2	☐	1.000		1462737.48		P	0.3
3	☐	1.000		1473076.45		P	0.8
4	☐	1.000		1507015.53		P	1.0
5	☐	1.000		1476282.48		P	0.7
6	☐	1.000		1456616.80		P	0.7
7	☐	1.000		1489128.93		P	0.2
8	☐	1.000		1492510.32		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1554794.39		P	1.2
2	☐	1.000		1557559.06		P	0.6
3	☐	1.000		1542742.13		P	0.5
4	☐	1.000		1564171.28		P	0.5
5	☐	1.000		1560825.31		P	0.4
6	☐	1.000		1554485.64		P	0.8
7	☐	1.000		1568886.26		P	0.3
8	☐	1.000		1522028.33		P	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		889691.78		P	3.6
2	☐	1.000		912398.30		P	0.7
3	☐	1.000		913609.82		P	0.3
4	☐	1.000		929696.37		P	0.7
5	☐	1.000		920907.02		P	0.8
6	☐	1.000		896621.03		P	1.0
7	☐	1.000		909771.83		P	0.4
8	☐	1.000		894244.56		P	0.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8072220-MS.b
Acq. Date-Time 2020-07-22 09:27:00
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		1958	19581.56			1.661	5.000
24		43028	430280.00			0.833	5.000
25		5651	56512.62			1.078	5.000
26		6455	64547.03			1.135	5.000
59		17584	175838.86			1.856	5.000
113		2543	25434.72			2.220	5.000
115		7638	76377.79			2.188	5.000
206		1920	19195.11			2.405	5.000
207		1604	16042.91			2.360	5.000
208		3955	39551.92			2.302	5.000
220		1	9.00			6.804	

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

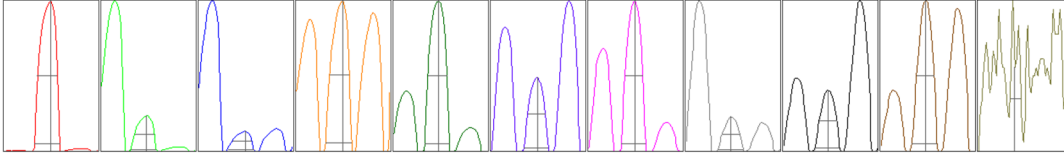
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1955	1993	1985	1912	1945
24	43063	43428	43074	42445	43130
25	5674	5699	5705	5563	5615
26	6486	6530	6473	6335	6449
59	17637	17943	17740	17067	17533
113	2559	2594	2577	2450	2537
115	7675	7878	7660	7429	7546
206	1943	1979	1924	1858	1893
207	1629	1645	1615	1553	1579
208	4013	4058	3956	3819	3930

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3302.71	9.00	8.90 - 9.10	
24	73414.64	23.95	23.90 - 24.10	
25	9461.66	25.00	24.90 - 25.10	
26	10827.27	26.00	25.90 - 26.10	
59	30218.61	58.95	58.90 - 59.10	
113	4795.26	113.00	112.90 - 113.10	
115	14325.88	115.00	114.90 - 115.10	
206	3619.20	205.95	205.90 - 206.10	
207	2976.22	206.95	206.90 - 207.10	
208	7400.31	207.95	207.90 - 208.10	
220	0.90	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.788	0.900	
24	0.63	0.792	0.900	
25	0.62	0.819	0.900	
26	0.63	0.826	0.900	
59	0.61	0.784	0.900	
113	0.55	0.773	0.900	
115	0.55	0.773	0.900	
206	0.55	0.801	0.900	
207	0.55	0.781	0.900	
208	0.56	0.793	0.900	
220	0.36			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.45 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.3 V	Deflect	13.2 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	-0.5 mm
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EM

Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1258 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4241	42413.00			0.795	
89		7315	73154.28			0.958	
205		5202	52021.51			1.086	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4234	4269	4230	4279	4195
89	7327	7325	7293	7413	7219
205	5196	5164	5213	5292	5146

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.45 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.3 V	Deflect	4.0 V
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US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.03		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	-0.5 mm		
EM					
Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1258 V

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:12:38	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.05	3.91	-1.87	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.14	-0.13	0.00	N/A	ppb
Boron	11-1	0.20	-0.11	-0.09	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	0.11	0.04	0.00	N/A	ppb
Cadmium	106-1	-2.00	1.36	0.65	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.08	0.00	0.00	N/A	ppb
Calcium	43-1	9.64	-2.84	-6.80	0.00	N/A	ppb
Calcium	44-1	194.04	137.28	-331.32	0.00	N/A	ppb
Chromium	52-2	-0.02	0.06	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.06	0.07	-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	54-2	0.20	0.03	-0.22	0.00	N/A	ppb
Iron	56-2	-0.03	0.18	-0.15	0.00	N/A	ppb
Iron	57-2	0.04	1.93	-1.97	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Lead	208-1	-0.02	0.02	0.01	0.00	N/A	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:12:38	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.78	6.69	-5.91	0.00	N/A	ppb
Manganese	55-2	0.01	-0.05	0.04	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.07	-0.09	0.00	N/A	ppb
Phosphorus	31-2	60.35	29.90	-12.82	25.81	142.41	ppb
Potassium	39-2	-13.72	34.03	-20.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.13	0.45	-0.58	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	1.60	-1.63	0.00	N/A	ppb
Silicon	28-1	5.50	4.57	-10.07	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	-12.12	39.47	-27.35	0.00	N/A	ppb
Strontium	86-1	0.08	-0.02	-0.07	0.00	N/A	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	651.74	459.99	-1002.60	36.38	2487.46	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	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.21	0.21	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.03	-0.01	-0.03	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:12:38	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.11	0.14	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.03	-0.02	0.00	N/A	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:15:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.03	18.18	20.52	18.24	12.32	ppb
Antimony	121-1	2.06	1.97	2.00	2.01	2.11	ppb
Arsenic	75-2	0.96	0.98	1.15	1.03	9.83	ppb
Barium	135-1	9.78	9.90	9.91	9.86	0.73	ppb
Barium	137-1	9.77	9.35	9.85	9.66	2.78	ppb
Beryllium	9-1	0.92	0.98	0.97	0.96	3.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	17.45	21.51	21.20	20.05	11.26	ppb
Boron	11-1	18.48	21.13	21.61	20.40	8.26	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.05	1.02	1.07	6.05	ppb
Cadmium	106-1	2.91	0.27	1.14	1.44	93.43	ppb
Cadmium	108-1	0.69	0.89	1.05	0.88	20.70	ppb
Calcium	43-1	514.00	492.50	500.83	502.44	2.16	ppb
Calcium	44-1	611.72	491.99	240.36	448.02	42.31	ppb
Chromium	52-2	1.86	1.91	1.98	1.92	3.07	ppb
Cobalt	59-2	0.92	0.91	0.87	0.90	2.64	ppb
Copper	63-2	1.77	1.88	1.95	1.87	4.81	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				98		%
Indium	115-2				102		%
Iron	54-2	49.23	49.54	45.89	48.22	4.20	ppb
Iron	56-2	47.77	47.23	46.51	47.17	1.34	ppb
Iron	57-2	50.38	55.65	47.21	51.08	8.34	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.74	0.79	0.76	4.04	ppb
Lead	207-1	0.89	0.92	0.81	0.88	6.57	ppb
Lead	208-1	0.87	0.85	0.83	0.85	2.28	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:15:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	477.86	462.09	477.22	472.39	1.89	ppb
Manganese	55-2	1.06	0.86	0.99	0.97	10.53	ppb
Molybdenum	94-1	4.57	4.52	4.65	4.58	1.47	ppb
Molybdenum	95-1	4.56	4.62	4.61	4.60	0.75	ppb
Molybdenum	96-1	4.58	4.78	4.47	4.61	3.38	ppb
Molybdenum	97-1	4.42	4.60	4.55	4.52	2.08	ppb
Molybdenum	98-1	4.63	4.47	4.81	4.64	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.97	1.04	1.05	8.72	ppb
Phosphorus	31-2	26.23	-22.02	-81.64	-25.81		ppb
Potassium	39-2	414.68	461.45	461.03	445.72	6.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	5.07	4.16	5.56	4.93	14.39	ppb
Selenium	77-2	7.93	11.82	1.97	7.24	68.52	ppb
Selenium	78-2	4.77	3.30	3.66	3.91	19.67	ppb
Silicon	28-1	17.89	16.46	4.08	12.81	59.31	ppb
Silver	109-1	0.99	0.95	1.03	0.99	4.48	ppb
Silver	107-1	1.01	1.05	0.97	1.01	4.34	ppb
Sodium	23-2	453.64	471.75	476.81	467.40	2.61	ppb
Strontium	86-1	0.77	0.80	0.80	0.79	1.77	ppb
Strontium	88-1	0.90	0.88	0.98	0.92	6.22	ppb
Sulfur	34-1	495.19	98.48	-702.80	-36.38		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.94	1.01	0.96	3.93	ppb
Thallium	205-1	0.94	0.97	0.93	0.94	2.12	ppb
Tin	118-1	5.05	4.67	5.02	4.91	4.37	ppb
Titanium	47-1	4.89	4.84	4.57	4.77	3.53	ppb
Uranium	238-1	0.88	0.86	0.96	0.90	5.78	ppb
Vanadium	51-2	4.65	4.72	4.62	4.66	1.05	ppb
Yttrium	89-1				101		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:15:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.06	2.07	1.84	1.99	6.65	ppb
Zirconium	90-1	0.94	0.93	1.00	0.96	3.63	ppb
Zirconium	91-1	0.99	0.93	1.17	1.03	11.87	ppb

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:22:10 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	991.53	1015.93	988.93	998.80	1.49	ppb
Antimony	121-1	50.96	51.90	51.70	51.52	0.96	ppb
Arsenic	75-2	50.31	49.69	50.00	50.00	0.63	ppb
Barium	135-1	249.70	254.45	256.38	253.51	1.36	ppb
Barium	137-1	257.48	254.31	256.71	256.17	0.65	ppb
Beryllium	9-1	51.51	51.14	51.57	51.41	0.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	45.00	50.03	52.11	49.05	7.45	ppb
Boron	11-1	46.72	49.26	52.73	49.57	6.09	ppb
Bromine	81-1						cps
Cadmium	111-1	51.92	51.27	51.45	51.55	0.65	ppb
Cadmium	106-1	51.78	49.92	43.90	48.53	8.49	ppb
Cadmium	108-1	50.92	51.97	52.62	51.84	1.65	ppb
Calcium	43-1	5242.54	5603.47	5244.12	5363.38	3.88	ppb
Calcium	44-1	5662.39	6138.19	5414.15	5738.24	6.41	ppb
Chromium	52-2	51.82	51.55	50.61	51.33	1.24	ppb
Cobalt	59-2	51.87	51.63	50.07	51.19	1.91	ppb
Copper	63-2	518.81	520.64	503.40	514.28	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	2657.74	2638.31	2582.62	2626.23	1.48	ppb
Iron	56-2	2680.05	2673.71	2581.46	2645.07	2.09	ppb
Iron	57-2	2633.50	2638.24	2617.28	2629.68	0.42	ppb
Krypton	83-1						cps
Lead	206-1	246.84	249.51	248.20	248.18	0.54	ppb
Lead	207-1	245.68	245.63	248.47	246.60	0.66	ppb
Lead	208-1	245.72	247.33	248.20	247.08	0.51	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:22:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	5450.01	5356.95	5234.72	5347.23	2.02	ppb
Manganese	55-2	512.33	507.36	506.10	508.60	0.65	ppb
Molybdenum	94-1	261.95	262.02	260.31	261.43	0.37	ppb
Molybdenum	95-1	262.18	257.34	259.97	259.83	0.93	ppb
Molybdenum	96-1	261.58	259.71	264.22	261.83	0.87	ppb
Molybdenum	97-1	265.94	259.69	256.23	260.62	1.89	ppb
Molybdenum	98-1	262.61	257.27	259.15	259.68	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.99	50.96	50.67	51.21	1.35	ppb
Phosphorus	31-2	1067.75	1024.13	1093.68	1061.85	3.31	ppb
Potassium	39-2	2762.58	2601.97	2650.24	2671.59	3.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	56.57	53.15	52.93	54.22	3.76	ppb
Selenium	77-2	50.75	47.36	49.47	49.19	3.48	ppb
Selenium	78-2	47.12	50.00	52.08	49.73	5.01	ppb
Silicon	28-1	62.97	82.52	61.92	69.14	16.78	ppb
Silver	109-1	52.28	52.37	51.77	52.14	0.63	ppb
Silver	107-1	51.47	51.45	51.92	51.61	0.51	ppb
Sodium	23-2	5430.65	5325.08	5256.84	5337.52	1.64	ppb
Strontium	86-1	51.68	50.98	50.58	51.08	1.09	ppb
Strontium	88-1	51.10	52.13	51.50	51.58	1.00	ppb
Sulfur	34-1	879.05	1905.86	161.69	982.20	89.25	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	50.24	50.57	49.65	50.15	0.94	ppb
Thallium	205-1	49.98	50.53	49.46	49.99	1.06	ppb
Tin	118-1	50.49	51.84	52.15	51.49	1.72	ppb
Titanium	47-1	256.38	264.33	251.05	257.25	2.60	ppb
Uranium	238-1	49.40	50.18	49.52	49.70	0.84	ppb
Vanadium	51-2	50.68	50.91	49.49	50.36	1.52	ppb
Yttrium	89-1				98		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:22:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	519.66	517.34	507.49	514.83	1.26	ppb
Zirconium	90-1	52.69	51.49	51.93	52.04	1.17	ppb
Zirconium	91-1	51.68	49.72	52.59	51.33	2.85	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:25:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2483.37	2495.59	2428.80	2469.26	1.44	ppb
Antimony	121-1	126.20	126.98	128.08	127.09	0.74	ppb
Arsenic	75-2	126.54	121.92	120.13	122.86	2.69	ppb
Barium	135-1	630.28	638.16	644.61	637.68	1.13	ppb
Barium	137-1	646.85	638.66	637.09	640.87	0.82	ppb
Beryllium	9-1	126.69	126.13	128.05	126.95	0.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	111.94	118.44	135.34	121.91	9.91	ppb
Boron	11-1	112.60	123.74	131.56	122.63	7.77	ppb
Bromine	81-1						cps
Cadmium	111-1	129.44	128.87	131.09	129.80	0.89	ppb
Cadmium	106-1	124.90	134.65	134.62	131.39	4.28	ppb
Cadmium	108-1	134.58	127.59	119.81	127.33	5.80	ppb
Calcium	43-1	13281.82	13171.29	13656.42	13369.84	1.90	ppb
Calcium	44-1	13614.61	13500.84	14210.22	13775.22	2.77	ppb
Chromium	52-2	126.60	123.04	122.61	124.08	1.77	ppb
Cobalt	59-2	126.10	124.39	124.62	125.04	0.74	ppb
Copper	63-2	1268.84	1271.70	1246.00	1262.18	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	6383.77	6324.60	6336.67	6348.35	0.49	ppb
Iron	56-2	6524.21	6384.95	6383.56	6430.91	1.26	ppb
Iron	57-2	6436.36	6321.95	6313.06	6357.12	1.08	ppb
Krypton	83-1						cps
Lead	206-1	613.63	608.37	618.96	613.65	0.86	ppb
Lead	207-1	611.71	602.06	608.95	607.57	0.82	ppb
Lead	208-1	626.79	616.52	622.59	621.97	0.83	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:25:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	13132.12	13266.19	12999.04	13132.45	1.02	ppb
Manganese	55-2	1269.67	1229.90	1224.53	1241.37	1.99	ppb
Molybdenum	94-1	633.02	652.80	659.28	648.37	2.11	ppb
Molybdenum	95-1	640.58	644.77	650.61	645.32	0.78	ppb
Molybdenum	96-1	643.15	656.38	647.51	649.02	1.04	ppb
Molybdenum	97-1	628.12	645.82	644.28	639.41	1.53	ppb
Molybdenum	98-1	633.63	651.16	658.85	647.88	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.69	127.34	125.88	126.30	0.71	ppb
Phosphorus	31-2	2611.76	2668.90	2529.86	2603.51	2.68	ppb
Potassium	39-2	6593.56	6599.73	6427.14	6540.14	1.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	128.02	127.55	130.32	128.63	1.15	ppb
Selenium	77-2	135.54	110.95	131.59	126.02	10.48	ppb
Selenium	78-2	122.80	125.53	115.89	121.41	4.09	ppb
Silicon	28-1	121.67	125.47	136.97	128.04	6.23	ppb
Silver	109-1	126.99	128.94	128.49	128.14	0.80	ppb
Silver	107-1	127.92	127.81	130.87	128.87	1.34	ppb
Sodium	23-2	13236.56	12930.66	12883.25	13016.82	1.47	ppb
Strontium	86-1	126.05	126.08	130.20	127.44	1.87	ppb
Strontium	88-1	126.95	127.51	127.84	127.43	0.35	ppb
Sulfur	34-1	1947.20	1950.95	3004.54	2300.90	26.48	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	125.18	126.38	125.85	125.80	0.48	ppb
Thallium	205-1	126.22	123.41	124.69	124.78	1.13	ppb
Tin	118-1	125.60	124.76	128.34	126.24	1.49	ppb
Titanium	47-1	640.95	622.17	643.05	635.39	1.81	ppb
Uranium	238-1	123.87	123.60	124.50	123.99	0.37	ppb
Vanadium	51-2	125.21	123.80	122.40	123.80	1.13	ppb
Yttrium	89-1				100		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:25:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1270.61	1264.05	1245.81	1260.15	1.02	ppb
Zirconium	90-1	127.87	130.98	129.71	129.52	1.20	ppb
Zirconium	91-1	125.68	126.92	129.60	127.40	1.57	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5073.65	4904.24	4968.58	4982.16	1.72	ppb
Antimony	121-1	259.97	255.57	253.03	256.19	1.37	ppb
Arsenic	75-2	252.82	250.30	251.50	251.54	0.50	ppb
Barium	135-1	1289.24	1273.01	1273.16	1278.47	0.73	ppb
Barium	137-1	1312.49	1282.50	1277.41	1290.80	1.47	ppb
Beryllium	9-1	254.16	252.45	251.58	252.73	0.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	220.38	248.16	260.77	243.11	8.50	ppb
Boron	11-1	223.15	242.44	266.05	243.88	8.81	ppb
Bromine	81-1						cps
Cadmium	111-1	261.68	253.75	256.20	257.21	1.58	ppb
Cadmium	106-1	263.90	258.02	253.68	258.53	1.99	ppb
Cadmium	108-1	267.41	257.99	254.21	259.87	2.61	ppb
Calcium	43-1	26517.59	26247.68	26373.83	26379.70	0.51	ppb
Calcium	44-1	26658.80	27183.94	27573.31	27138.68	1.69	ppb
Chromium	52-2	250.30	246.81	251.18	249.43	0.93	ppb
Cobalt	59-2	255.99	246.94	252.32	251.75	1.81	ppb
Copper	63-2	2596.48	2567.89	2589.11	2584.49	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	13207.24	12781.70	12953.51	12980.82	1.65	ppb
Iron	56-2	13268.52	12588.79	12799.58	12885.63	2.70	ppb
Iron	57-2	13057.76	12648.52	12679.67	12795.32	1.78	ppb
Krypton	83-1						cps
Lead	206-1	1214.95	1225.26	1224.11	1221.44	0.46	ppb
Lead	207-1	1208.29	1213.57	1235.27	1219.04	1.17	ppb
Lead	208-1	1240.31	1246.32	1253.20	1246.61	0.52	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	26474.77	26070.02	26245.69	26263.49	0.77	ppb
Manganese	55-2	2525.10	2468.64	2500.04	2497.92	1.13	ppb
Molybdenum	94-1	1252.47	1276.69	1281.47	1270.21	1.22	ppb
Molybdenum	95-1	1244.19	1271.36	1259.62	1258.39	1.08	ppb
Molybdenum	96-1	1245.62	1277.38	1275.84	1266.28	1.41	ppb
Molybdenum	97-1	1263.06	1269.72	1276.17	1269.65	0.52	ppb
Molybdenum	98-1	1241.11	1275.11	1256.15	1257.46	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.69	252.23	253.07	254.00	0.93	ppb
Phosphorus	31-2	4948.44	4700.38	4630.73	4759.85	3.51	ppb
Potassium	39-2	13495.71	13174.75	13366.26	13345.57	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	251.24	252.60	252.24	252.02	0.28	ppb
Selenium	77-2	284.42	284.61	257.38	275.47	5.69	ppb
Selenium	78-2	249.98	254.42	255.78	253.39	1.20	ppb
Silicon	28-1	247.00	255.18	296.50	266.23	9.97	ppb
Silver	109-1	261.92	254.22	253.75	256.63	1.79	ppb
Silver	107-1	263.40	256.88	254.06	258.11	1.86	ppb
Sodium	23-2	26257.31	25220.88	26542.10	26006.76	2.67	ppb
Strontium	86-1	245.49	251.36	249.26	248.70	1.19	ppb
Strontium	88-1	253.46	251.00	254.22	252.90	0.67	ppb
Sulfur	34-1	4448.32	4952.04	5891.74	5097.37	14.37	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	245.07	247.01	249.19	247.09	0.84	ppb
Thallium	205-1	243.23	246.82	251.89	247.31	1.76	ppb
Tin	118-1	258.76	256.68	251.38	255.61	1.49	ppb
Titanium	47-1	1242.81	1241.54	1297.67	1260.67	2.54	ppb
Uranium	238-1	246.33	251.02	249.98	249.11	0.99	ppb
Vanadium	51-2	252.67	246.99	250.26	249.97	1.14	ppb
Yttrium	89-1				100		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2569.90	2493.20	2514.15	2525.75	1.57	ppb
Zirconium	90-1	255.51	254.70	254.60	254.94	0.20	ppb
Zirconium	91-1	251.72	249.38	249.48	250.19	0.53	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:31:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10024.92	10216.28	10147.88	10129.69	0.96	ppb
Antimony	121-1	507.92	509.66	515.54	511.04	0.78	ppb
Arsenic	75-2	496.86	504.01	496.71	499.19	0.84	ppb
Barium	135-1	2514.94	2539.20	2536.69	2530.28	0.53	ppb
Barium	137-1	2501.98	2568.03	2546.16	2538.72	1.33	ppb
Beryllium	9-1	504.25	504.56	500.50	503.10	0.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	440.17	494.68	527.10	487.32	9.01	ppb
Boron	11-1	456.28	503.54	529.73	496.52	7.50	ppb
Bromine	81-1						cps
Cadmium	111-1	498.53	506.86	502.61	502.67	0.83	ppb
Cadmium	106-1	495.49	511.24	506.41	504.38	1.60	ppb
Cadmium	108-1	502.81	515.85	503.95	507.54	1.42	ppb
Calcium	43-1	52854.09	52727.98	51666.61	52416.23	1.24	ppb
Calcium	44-1	54364.77	53359.49	53987.10	53903.79	0.94	ppb
Chromium	52-2	506.16	506.19	510.49	507.61	0.49	ppb
Cobalt	59-2	502.19	507.90	509.12	506.41	0.73	ppb
Copper	63-2	5093.14	5113.06	5132.25	5112.82	0.38	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				98		%
Indium	115-2				98		%
Iron	54-2	26082.63	26140.00	26572.97	26265.20	1.02	ppb
Iron	56-2	26011.83	26106.40	26231.91	26116.72	0.42	ppb
Iron	57-2	25779.75	26435.66	26078.06	26097.82	1.26	ppb
Krypton	83-1						cps
Lead	206-1	2565.69	2542.93	2496.75	2535.12	1.39	ppb
Lead	207-1	2524.36	2586.64	2510.63	2540.54	1.59	ppb
Lead	208-1	2554.78	2553.53	2509.43	2539.25	1.02	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:31:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	52704.42	53307.00	54443.66	53485.03	1.65	ppb
Manganese	55-2	5027.04	5144.32	5141.93	5104.43	1.31	ppb
Molybdenum	94-1	2604.89	2535.76	2495.87	2545.50	2.17	ppb
Molybdenum	95-1	2580.19	2607.72	2527.35	2571.75	1.59	ppb
Molybdenum	96-1	2548.58	2562.03	2495.66	2535.42	1.38	ppb
Molybdenum	97-1	2528.47	2593.59	2514.54	2545.53	1.66	ppb
Molybdenum	98-1	2560.28	2594.37	2556.75	2570.47	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.86	514.92	513.13	512.97	0.40	ppb
Phosphorus	31-2	10325.91	10259.37	10231.72	10272.33	0.47	ppb
Potassium	39-2	26582.39	27131.86	26923.65	26879.30	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	515.96	509.06	508.38	511.13	0.82	ppb
Selenium	77-2	553.40	532.58	446.71	510.90	11.07	ppb
Selenium	78-2	499.01	500.68	513.53	504.41	1.57	ppb
Silicon	28-1	507.65	543.98	581.40	544.34	6.77	ppb
Silver	109-1	498.14	516.01	511.42	508.52	1.82	ppb
Silver	107-1	501.26	520.13	507.88	509.76	1.88	ppb
Sodium	23-2	53146.63	52209.52	53895.26	53083.80	1.59	ppb
Strontium	86-1	503.93	507.23	507.88	506.35	0.42	ppb
Strontium	88-1	497.76	510.77	507.36	505.30	1.34	ppb
Sulfur	34-1	10003.11	9524.60	10311.92	9946.54	3.99	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	501.25	502.14	487.29	496.89	1.68	ppb
Thallium	205-1	510.66	499.81	489.02	499.83	2.16	ppb
Tin	118-1	496.87	509.48	511.00	505.78	1.53	ppb
Titanium	47-1	2482.52	2499.24	2499.69	2493.82	0.39	ppb
Uranium	238-1	507.19	501.89	496.32	501.80	1.08	ppb
Vanadium	51-2	495.44	510.00	511.63	505.69	1.76	ppb
Yttrium	89-1				98		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:31:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	5075.19	5153.39	5131.37	5119.98	0.79	ppb
Zirconium	90-1	510.38	497.50	509.85	505.91	1.44	ppb
Zirconium	91-1	512.49	496.87	508.20	505.85	1.59	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:34:30	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19787.90	19552.96	19863.77	19734.88	0.82	ppb
Antimony	121-1	984.18	1012.96	980.65	992.60	1.79	ppb
Arsenic	75-2	1000.02	998.84	1002.00	1000.29	0.16	ppb
Barium	135-1	4975.86	4990.66	4961.43	4975.98	0.29	ppb
Barium	137-1	4948.89	5068.88	4886.67	4968.15	1.86	ppb
Beryllium	9-1	982.50	998.79	1011.07	997.45	1.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	913.27	1024.17	1088.43	1008.62	8.79	ppb
Boron	11-1	905.51	1018.33	1087.27	1003.70	9.14	ppb
Bromine	81-1						cps
Cadmium	111-1	990.10	1013.07	985.39	996.19	1.49	ppb
Cadmium	106-1	999.60	996.56	988.69	994.95	0.57	ppb
Cadmium	108-1	980.13	1007.73	992.28	993.38	1.39	ppb
Calcium	43-1	104097.60	106125.73	107609.65	105944.33	1.66	ppb
Calcium	44-1	106445.38	108338.62	110936.56	108573.52	2.08	ppb
Chromium	52-2	1001.14	980.42	1007.60	996.39	1.42	ppb
Cobalt	59-2	992.99	973.49	1022.41	996.30	2.47	ppb
Copper	63-2	9948.31	9846.68	9965.70	9920.23	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	51867.04	50543.19	52590.99	51667.07	2.01	ppb
Iron	56-2	50667.54	50751.00	52141.51	51186.68	1.62	ppb
Iron	57-2	50600.70	50014.05	51367.02	50660.59	1.34	ppb
Krypton	83-1						cps
Lead	206-1	4977.93	4997.23	4998.11	4991.09	0.23	ppb
Lead	207-1	4972.15	5002.82	4994.49	4989.82	0.32	ppb
Lead	208-1	4975.28	4995.38	4974.59	4981.75	0.24	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:34:30	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	101538.73	103014.56	104750.63	103101.31	1.56	ppb
Manganese	55-2	10014.50	9794.67	10037.69	9948.95	1.35	ppb
Molybdenum	94-1	4935.23	4969.68	5001.20	4968.70	0.66	ppb
Molybdenum	95-1	4895.95	5018.97	4962.07	4959.00	1.24	ppb
Molybdenum	96-1	5005.38	4980.96	4937.54	4974.63	0.69	ppb
Molybdenum	97-1	4980.67	4944.79	4984.50	4969.99	0.44	ppb
Molybdenum	98-1	5004.00	4971.21	4903.46	4959.56	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.64	977.55	998.69	992.29	1.29	ppb
Phosphorus	31-2	19533.60	20297.83	19892.10	19907.84	1.92	ppb
Potassium	39-2	52276.04	50781.28	52847.61	51968.31	2.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	991.73	1003.62	984.44	993.26	0.97	ppb
Selenium	77-2	992.47	957.07	1014.71	988.09	2.94	ppb
Selenium	78-2	982.22	1003.05	1006.98	997.42	1.33	ppb
Silicon	28-1	921.06	970.69	1025.47	972.41	5.37	ppb
Silver	109-1	983.93	1011.82	985.00	993.58	1.59	ppb
Silver	107-1	993.73	1002.13	981.73	992.53	1.03	ppb
Sodium	23-2	103774.96	104447.70	105361.10	104527.92	0.76	ppb
Strontium	86-1	996.37	1009.85	984.16	996.79	1.29	ppb
Strontium	88-1	990.68	1010.50	987.55	996.24	1.25	ppb
Sulfur	34-1	19435.08	20250.11	20399.31	20028.17	2.59	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1000.00	1015.47	991.04	1002.17	1.23	ppb
Thallium	205-1	989.41	1016.14	996.80	1000.79	1.38	ppb
Tin	118-1	986.95	1015.85	983.64	995.48	1.78	ppb
Titanium	47-1	4951.07	4978.93	5066.28	4998.76	1.20	ppb
Uranium	238-1	988.29	1006.32	1003.78	999.46	0.98	ppb
Vanadium	51-2	1012.22	973.03	1006.64	997.30	2.13	ppb
Yttrium	89-1				101		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:34:30	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	9963.71	9847.51	9983.47	9931.56	0.74	ppb
Zirconium	90-1	998.71	998.92	987.80	995.14	0.64	ppb
Zirconium	91-1	989.25	1012.27	988.46	996.66	1.36	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100993.74	99394.01	99737.44	100041.73	0.84	ppb
Antimony	121-1	0.55	0.75	0.64	0.65	14.98	ppb
Arsenic	75-2	0.32	0.43	0.31	0.36	17.78	ppb
Barium	135-1	8.26	8.73	8.73	8.57	3.16	ppb
Barium	137-1	8.41	8.80	8.67	8.63	2.30	ppb
Beryllium	9-1	0.20	0.24	0.17	0.20	17.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	168.56	153.58	141.80	154.65	8.67	ppb
Boron	11-1	169.09	150.55	138.93	152.85	9.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.19	-0.01	0.20	106.14	ppb
Cadmium	106-1	0.16	-1.09	-4.68	-1.87		ppb
Cadmium	108-1	0.88	0.65	1.02	0.85	22.49	ppb
Calcium	43-1	504504.12	489372.46	501548.85	498475.14	1.61	ppb
Calcium	44-1	494033.97	495722.85	503489.50	497748.77	1.01	ppb
Chromium	52-2	3.94	4.03	3.89	3.95	1.86	ppb
Cobalt	59-2	1.56	1.66	1.77	1.66	6.41	ppb
Copper	63-2	2.71	2.50	2.56	2.59	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	250963.21	248482.37	249091.33	249512.30	0.52	ppb
Iron	56-2	248505.58	249104.94	251266.69	249625.74	0.58	ppb
Iron	57-2	250416.03	247636.98	251165.07	249739.36	0.74	ppb
Krypton	83-1						cps
Lead	206-1	1.67	1.86	1.72	1.75	5.81	ppb
Lead	207-1	1.59	1.65	1.62	1.62	1.80	ppb
Lead	208-1	1.70	1.77	1.63	1.70	3.99	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	499261.12	496007.31	501577.99	498948.81	0.56	ppb
Manganese	55-2	5.83	6.07	5.88	5.93	2.09	ppb
Molybdenum	94-1	1.64	1.44	1.41	1.50	8.40	ppb
Molybdenum	95-1	1.94	1.55	1.53	1.67	13.87	ppb
Molybdenum	96-1	1.95	1.89	1.65	1.83	8.81	ppb
Molybdenum	97-1	1.64	1.43	1.74	1.60	9.82	ppb
Molybdenum	98-1	1.81	1.65	1.46	1.64	10.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.80	3.00	2.91	3.56	ppb
Phosphorus	31-2	-66.72	-16.86	-4.50	-29.36		ppb
Potassium	39-2	250709.07	246020.56	251372.18	249367.27	1.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.65	0.61	-0.32	-0.12		ppb
Selenium	77-2	2.03	0.00	8.03	3.35	124.57	ppb
Selenium	78-2	1.89	-0.52	-2.28	-0.30		ppb
Silicon	28-1	102.05	64.19	85.63	83.96	22.61	ppb
Silver	109-1	0.45	0.51	0.44	0.46	7.89	ppb
Silver	107-1	0.47	0.47	0.46	0.47	1.09	ppb
Sodium	23-2	498812.90	499523.51	497821.90	498719.43	0.17	ppb
Strontium	86-1	5.25	5.32	5.31	5.29	0.75	ppb
Strontium	88-1	5.40	5.28	5.45	5.38	1.57	ppb
Sulfur	34-1	984.41	858.31	2508.72	1450.48	63.33	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.44	0.38	0.40	0.41	7.25	ppb
Thallium	205-1	0.47	0.40	0.33	0.40	17.94	ppb
Tin	118-1	0.07	0.02	0.05	0.05	49.85	ppb
Titanium	47-1	0.26	0.00	0.02	0.09	155.28	ppb
Uranium	238-1	0.16	0.14	0.09	0.13	30.05	ppb
Vanadium	51-2	0.07	0.07	0.04	0.06	22.61	ppb
Yttrium	89-1				101		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	9.08	8.16	8.34	8.53	5.76	ppb
Zirconium	90-1	0.27	0.22	0.22	0.24	13.38	ppb
Zirconium	91-1	0.29	0.27	0.36	0.30	15.18	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	468.47	492.36	492.03	484.29	2.83	ppb
Antimony	121-1	186.13	191.40	188.34	188.62	1.40	ppb
Arsenic	75-2	190.97	190.39	185.57	188.98	1.57	ppb
Barium	135-1	98.43	99.31	97.02	98.25	1.18	ppb
Barium	137-1	98.67	98.51	98.10	98.43	0.30	ppb
Beryllium	9-1	96.58	98.24	98.51	97.77	1.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	564.83	619.67	634.59	606.36	6.06	ppb
Boron	11-1	577.77	610.74	650.00	612.84	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	99.24	100.58	98.89	99.57	0.90	ppb
Cadmium	106-1	134.52	142.47	138.73	138.57	2.87	ppb
Cadmium	108-1	130.86	131.56	129.04	130.49	1.00	ppb
Calcium	43-1	2217.25	2167.25	2092.07	2158.86	2.92	ppb
Calcium	44-1	1828.53	1743.50	1840.01	1804.01	2.92	ppb
Chromium	52-2	93.74	96.21	96.23	95.39	1.50	ppb
Cobalt	59-2	96.23	97.44	96.18	96.62	0.74	ppb
Copper	63-2	99.31	101.90	100.89	100.70	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	1977.11	1966.34	1988.42	1977.29	0.56	ppb
Iron	56-2	1876.42	1968.08	1937.44	1927.31	2.42	ppb
Iron	57-2	1909.24	1904.59	1925.53	1913.12	0.57	ppb
Krypton	83-1						cps
Lead	206-1	197.36	195.13	196.99	196.49	0.61	ppb
Lead	207-1	181.16	181.79	183.34	182.10	0.62	ppb
Lead	208-1	191.05	190.00	191.17	190.74	0.34	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1181.09	1157.72	1193.80	1177.54	1.55	ppb
Manganese	55-2	95.88	98.81	99.21	97.97	1.85	ppb
Molybdenum	94-1	2463.92	2484.51	2406.33	2451.59	1.65	ppb
Molybdenum	95-1	2485.56	2465.86	2410.99	2454.14	1.57	ppb
Molybdenum	96-1	2516.60	2466.25	2413.06	2465.30	2.10	ppb
Molybdenum	97-1	2487.35	2469.50	2438.11	2464.98	1.01	ppb
Molybdenum	98-1	2471.55	2474.45	2448.76	2464.92	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.13	99.34	97.56	97.35	2.17	ppb
Phosphorus	31-2	-49.11	-31.57	-28.09	-36.26		ppb
Potassium	39-2	1943.59	1964.22	2004.55	1970.79	1.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	195.31	201.31	195.05	197.22	1.80	ppb
Selenium	77-2	217.14	180.21	231.62	209.66	12.64	ppb
Selenium	78-2	193.15	199.68	194.53	195.79	1.76	ppb
Silicon	28-1	398.94	424.86	450.00	424.60	6.01	ppb
Silver	109-1	46.15	47.55	45.79	46.50	1.99	ppb
Silver	107-1	47.18	47.54	46.83	47.18	0.75	ppb
Sodium	23-2	1897.30	1887.29	1931.18	1905.26	1.21	ppb
Strontium	86-1	490.14	492.85	481.44	488.14	1.22	ppb
Strontium	88-1	483.30	489.39	481.39	484.69	0.86	ppb
Sulfur	34-1	1477.35	1207.62	1306.93	1330.63	10.25	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	209.40	206.92	205.79	207.37	0.89	ppb
Thallium	205-1	209.39	207.04	208.39	208.27	0.57	ppb
Tin	118-1	484.04	496.72	483.34	488.03	1.54	ppb
Titanium	47-1	2483.20	2478.44	2526.02	2495.88	1.05	ppb
Uranium	238-1	535.20	528.03	525.87	529.70	0.92	ppb
Vanadium	51-2	91.50	95.18	94.06	93.58	2.02	ppb
Yttrium	89-1				100		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	188.52	190.62	188.39	189.18	0.66	ppb
Zirconium	90-1	492.93	485.65	485.81	488.13	0.85	ppb
Zirconium	91-1	487.87	487.28	480.61	485.25	0.83	ppb

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:29:13 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	-0.53	2.04	0.96	139.40	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.03	0.01	-0.01	-0.01		ppb
Barium	135-1	-0.03	-0.02	-0.03	-0.03		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.02	0.03	0.04	32.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	12.02	13.37	10.89	12.09	10.25	ppb
Boron	11-1	12.07	12.15	11.91	12.04	1.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.50	-0.36	-0.37		ppb
Cadmium	106-1	-3.69	-6.95	-5.09	-5.24		ppb
Cadmium	108-1	0.08	-0.15	-0.15	-0.07		ppb
Calcium	43-1	-5.32	-17.42	-4.13	-8.96		ppb
Calcium	44-1	-456.51	-311.06	-284.62	-350.73		ppb
Chromium	52-2	0.04	0.11	0.08	0.08	48.82	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.12	0.14	0.14	0.13	11.49	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				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	-1.01	-1.90	-2.16	-1.69		ppb
Iron	56-2	-2.26	-1.96	-1.76	-1.99		ppb
Iron	57-2	-2.46	-2.36	1.92	-0.97		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.08	0.06	28.25	ppb
Lead	207-1	0.08	0.02	0.06	0.05	62.25	ppb
Lead	208-1	0.07	0.04	0.05	0.05	28.78	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:29:13	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	-38.79	-42.60	-43.59	-41.66		ppb
Manganese	55-2	0.03	-0.04	0.05	0.02	292.56	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	2346.18	ppb
Molybdenum	95-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	96-1	0.04	0.02	-0.01	0.02	150.73	ppb
Molybdenum	97-1	0.07	0.04	0.01	0.04	81.70	ppb
Molybdenum	98-1	0.02	0.00	-0.01	0.00	357.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.33	-0.30	-0.35		ppb
Phosphorus	31-2	17.77	-6.91	-79.56	-22.90		ppb
Potassium	39-2	16.27	-17.52	2.41	0.39	4374.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.43	-0.55	1.74	0.54	213.35	ppb
Selenium	77-2	2.11	2.15	2.14	2.13	1.02	ppb
Selenium	78-2	-2.45	-1.16	-0.11	-1.24		ppb
Silicon	28-1	-7.93	-8.55	-3.46	-6.65		ppb
Silver	109-1	0.01	0.00	0.00	0.00	221.79	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	-111.89	-113.45	-114.47	-113.27		ppb
Strontium	86-1	-0.03	-0.03	-0.10	-0.05		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	1266.25	1895.92	1997.82	1720.00	23.04	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.03	-0.01	0.01	337.20	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	81.65	ppb
Tin	118-1	0.05	0.01	0.03	0.03	67.97	ppb
Titanium	47-1	0.00	-0.22	-0.27	-0.16		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	139.33	ppb
Vanadium	51-2	-0.04	-0.02	-0.02	-0.03		ppb
Yttrium	89-1				95		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:29:13	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				94		%
Zinc	66-2	-0.21	0.13	0.09	0.01	3184.31	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	159.10	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:32:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95073.58	88911.52	92996.24	92327.11	3.40	ppb
Antimony	121-1	1.00	1.09	1.20	1.10	9.06	ppb
Arsenic	75-2	0.21	0.27	0.31	0.27	17.85	ppb
Barium	135-1	1.33	1.35	1.55	1.41	8.79	ppb
Barium	137-1	1.37	1.44	1.44	1.42	2.94	ppb
Beryllium	9-1	0.24	0.31	0.27	0.27	13.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	12.20	14.71	14.01	13.64	9.52	ppb
Boron	11-1	13.98	13.56	12.97	13.50	3.78	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.23	-0.01	-0.14		ppb
Cadmium	106-1	-5.59	-7.39	-3.71	-5.56		ppb
Cadmium	108-1	8.53	6.71	7.09	7.44	12.93	ppb
Calcium	43-1	97933.65	97544.17	98326.21	97934.68	0.40	ppb
Calcium	44-1	113070.04	113826.82	112889.72	113262.19	0.44	ppb
Chromium	52-2	19.13	18.21	19.20	18.85	2.94	ppb
Cobalt	59-2	1.11	1.16	1.04	1.10	5.25	ppb
Copper	63-2	8.69	8.34	8.74	8.59	2.53	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				97		%
Indium	115-2				96		%
Iron	54-2	100283.54	96462.90	97903.86	98216.77	1.96	ppb
Iron	56-2	99559.56	96210.81	99577.01	98449.13	1.97	ppb
Iron	57-2	102213.20	96977.54	98039.68	99076.81	2.79	ppb
Krypton	83-1						cps
Lead	206-1	4.38	4.44	5.04	4.62	7.92	ppb
Lead	207-1	3.65	4.10	4.59	4.11	11.45	ppb
Lead	208-1	3.97	4.27	4.75	4.33	9.14	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:32:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	98382.99	93839.10	96883.20	96368.43	2.40	ppb
Manganese	55-2	6.77	6.89	7.52	7.06	5.69	ppb
Molybdenum	94-1	1284.11	1309.08	1289.07	1294.09	1.02	ppb
Molybdenum	95-1	1815.90	1836.97	1805.07	1819.31	0.89	ppb
Molybdenum	96-1	1760.61	1753.40	1806.16	1773.39	1.61	ppb
Molybdenum	97-1	1840.53	1827.41	1845.60	1837.84	0.51	ppb
Molybdenum	98-1	1797.28	1816.06	1854.30	1822.55	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	4.74	4.67	4.86	5.69	ppb
Phosphorus	31-2	97895.08	91930.15	94720.51	94848.58	3.15	ppb
Potassium	39-2	98521.07	94326.14	98327.01	97058.07	2.44	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.78	-0.79	1.40	0.47	242.41	ppb
Selenium	77-2	0.00	2.02	0.00	0.67	173.21	ppb
Selenium	78-2	-0.24	-1.17	1.77	0.12	1241.13	ppb
Silicon	28-1	28.53	17.68	16.55	20.92	31.63	ppb
Silver	109-1	0.00	0.01	0.02	0.01	99.09	ppb
Silver	107-1	0.01	0.00	0.03	0.01	125.45	ppb
Sodium	23-2	103112.54	98307.85	102132.65	101184.35	2.51	ppb
Strontium	86-1	32.20	32.14	33.81	32.72	2.89	ppb
Strontium	88-1	32.35	32.70	32.78	32.61	0.69	ppb
Sulfur	34-1	69971.47	63838.52	64602.16	66137.38	5.05	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.10	0.12	0.11	10.02	ppb
Thallium	205-1	0.08	0.10	0.11	0.10	16.42	ppb
Tin	118-1	0.40	0.32	0.48	0.40	19.38	ppb
Titanium	47-1	1920.60	1897.67	1903.76	1907.34	0.62	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	46.89	ppb
Vanadium	51-2	0.12	0.12	0.11	0.12	3.02	ppb
Yttrium	89-1				99		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:32:05	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	11.68	10.54	10.97	11.06	5.20	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	114.02	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	63.07	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89735.37	83837.16	97284.38	90285.64	7.47	ppb
Antimony	121-1	19.39	19.77	20.85	20.00	3.78	ppb
Arsenic	75-2	17.75	17.31	19.89	18.31	7.53	ppb
Barium	135-1	21.73	20.66	20.67	21.02	2.91	ppb
Barium	137-1	20.39	20.72	21.45	20.86	2.60	ppb
Beryllium	9-1	19.81	19.73	20.10	19.88	0.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	79.47	86.21	87.01	84.23	4.91	ppb
Boron	11-1	81.03	82.34	86.83	83.40	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	17.87	18.12	19.75	18.58	5.50	ppb
Cadmium	106-1	15.50	16.41	19.63	17.18	12.63	ppb
Cadmium	108-1	29.21	26.87	29.62	28.56	5.18	ppb
Calcium	43-1	94270.03	95900.77	98610.32	96260.37	2.28	ppb
Calcium	44-1	107708.07	109403.89	113111.05	110074.34	2.51	ppb
Chromium	52-2	38.00	34.05	39.42	37.16	7.49	ppb
Cobalt	59-2	19.94	18.46	21.33	19.91	7.20	ppb
Copper	63-2	28.20	26.40	30.16	28.25	6.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	95421.26	87942.03	103663.42	95675.57	8.22	ppb
Iron	56-2	96613.41	88303.55	102437.52	95784.82	7.42	ppb
Iron	57-2	97199.36	88945.30	104311.06	96818.57	7.94	ppb
Krypton	83-1						cps
Lead	206-1	22.83	22.86	23.39	23.03	1.38	ppb
Lead	207-1	21.50	20.75	21.39	21.21	1.89	ppb
Lead	208-1	21.99	21.82	22.24	22.01	0.96	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	94355.33	88037.30	102527.01	94973.21	7.65	ppb
Manganese	55-2	25.67	23.57	27.95	25.73	8.50	ppb
Molybdenum	94-1	1378.18	1369.41	1391.57	1379.72	0.81	ppb
Molybdenum	95-1	1863.38	1848.01	1864.40	1858.60	0.49	ppb
Molybdenum	96-1	1807.35	1807.53	1824.96	1813.28	0.56	ppb
Molybdenum	97-1	1852.54	1845.69	1840.25	1846.16	0.33	ppb
Molybdenum	98-1	1853.47	1852.17	1854.44	1853.36	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.55	22.17	25.63	23.78	7.31	ppb
Phosphorus	31-2	92559.28	84716.41	98899.38	92058.36	7.72	ppb
Potassium	39-2	96103.87	87432.90	103330.24	95622.34	8.32	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	17.47	19.01	17.41	17.96	5.06	ppb
Selenium	77-2	25.57	38.90	17.72	27.40	39.08	ppb
Selenium	78-2	14.35	16.81	21.86	17.67	21.65	ppb
Silicon	28-1	58.75	55.71	68.77	61.08	11.19	ppb
Silver	109-1	17.52	17.74	17.90	17.72	1.07	ppb
Silver	107-1	17.49	18.05	18.53	18.02	2.90	ppb
Sodium	23-2	97900.18	92231.06	107359.61	99163.61	7.71	ppb
Strontium	86-1	80.26	79.51	80.60	80.12	0.69	ppb
Strontium	88-1	79.38	81.74	79.95	80.36	1.53	ppb
Sulfur	34-1	59252.02	59901.67	63741.58	60965.09	3.98	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	18.52	19.16	18.60	18.76	1.86	ppb
Thallium	205-1	19.29	19.07	19.13	19.16	0.59	ppb
Tin	118-1	47.78	48.42	50.46	48.89	2.87	ppb
Titanium	47-1	1902.15	1952.73	1935.13	1930.01	1.33	ppb
Uranium	238-1	49.55	49.19	49.50	49.42	0.39	ppb
Vanadium	51-2	18.81	17.62	19.88	18.77	6.01	ppb
Yttrium	89-1				99		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	30.58	27.03	32.20	29.94	8.83	ppb
Zirconium	90-1	49.45	49.03	49.85	49.44	0.83	ppb
Zirconium	91-1	48.04	48.71	49.14	48.63	1.13	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49824.39	49942.62	52252.18	50673.06	2.70	ppb
Antimony	121-1	494.62	495.19	494.47	494.76	0.08	ppb
Arsenic	75-2	478.39	489.53	501.70	489.87	2.38	ppb
Barium	135-1	2505.77	2465.03	2560.73	2510.51	1.91	ppb
Barium	137-1	2540.68	2544.80	2570.63	2552.04	0.64	ppb
Beryllium	9-1	517.63	526.98	514.95	519.85	1.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	455.27	518.44	548.35	507.35	9.37	ppb
Boron	11-1	452.79	520.13	560.13	511.01	10.62	ppb
Bromine	81-1						cps
Cadmium	111-1	483.26	492.59	495.86	490.57	1.33	ppb
Cadmium	106-1	483.97	497.14	477.14	486.08	2.09	ppb
Cadmium	108-1	493.14	493.77	495.73	494.21	0.27	ppb
Calcium	43-1	243918.76	246597.32	249751.52	246755.87	1.18	ppb
Calcium	44-1	245307.58	252463.76	249870.81	249214.05	1.45	ppb
Chromium	52-2	479.51	481.08	501.55	487.38	2.52	ppb
Cobalt	59-2	469.94	476.36	498.06	481.46	3.06	ppb
Copper	63-2	4682.57	4754.81	4975.86	4804.41	3.18	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				96		%
Indium	115-2				100		%
Iron	54-2	118736.51	117781.54	122286.63	119601.56	1.98	ppb
Iron	56-2	119349.02	119131.64	122110.35	120197.00	1.38	ppb
Iron	57-2	120607.18	119215.49	122919.26	120913.98	1.55	ppb
Krypton	83-1						cps
Lead	206-1	2525.92	2512.45	2506.92	2515.10	0.39	ppb
Lead	207-1	2465.75	2540.52	2545.67	2517.31	1.78	ppb
Lead	208-1	2507.52	2537.90	2508.89	2518.10	0.68	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	240077.28	239965.69	248431.25	242824.74	2.00	ppb
Manganese	55-2	4784.36	4787.20	4945.92	4839.16	1.91	ppb
Molybdenum	94-1	2415.46	2505.44	2550.64	2490.51	2.76	ppb
Molybdenum	95-1	2479.12	2581.74	2582.93	2547.93	2.34	ppb
Molybdenum	96-1	2541.89	2551.91	2566.37	2553.39	0.48	ppb
Molybdenum	97-1	2456.57	2567.93	2562.07	2528.86	2.48	ppb
Molybdenum	98-1	2480.76	2573.62	2524.42	2526.27	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.55	476.33	496.68	480.85	2.94	ppb
Phosphorus	31-2	9307.33	9905.76	10488.85	9900.65	5.97	ppb
Potassium	39-2	122829.57	122462.35	128116.88	124469.60	2.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	489.74	499.55	498.71	496.00	1.10	ppb
Selenium	77-2	453.95	526.86	468.20	483.00	8.00	ppb
Selenium	78-2	460.78	495.61	519.12	491.83	5.97	ppb
Silicon	28-1	394.94	441.53	431.69	422.72	5.81	ppb
Silver	109-1	498.02	491.10	504.84	497.99	1.38	ppb
Silver	107-1	497.69	503.30	492.76	497.92	1.06	ppb
Sodium	23-2	241906.21	242117.74	252199.02	245407.66	2.40	ppb
Strontium	86-1	495.27	504.41	502.03	500.57	0.95	ppb
Strontium	88-1	494.17	507.65	507.37	503.06	1.53	ppb
Sulfur	34-1	8066.98	10031.46	10204.19	9434.21	12.58	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	496.54	509.34	494.60	500.16	1.60	ppb
Thallium	205-1	502.65	504.81	496.44	501.30	0.87	ppb
Tin	118-1	493.13	496.73	503.11	497.65	1.02	ppb
Titanium	47-1	2454.57	2515.36	2530.01	2499.98	1.60	ppb
Uranium	238-1	521.47	529.69	521.81	524.32	0.89	ppb
Vanadium	51-2	480.04	484.08	503.90	489.34	2.61	ppb
Yttrium	89-1				100		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4646.30	4727.29	4926.67	4766.76	3.03	ppb
Zirconium	90-1	504.52	506.32	513.09	507.97	0.89	ppb
Zirconium	91-1	497.37	501.41	507.87	502.21	1.05	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:44:09	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	2.07	-5.70	-0.87		ppb
Antimony	121-1	0.02	0.04	0.03	0.03	37.31	ppb
Arsenic	75-2	-0.03	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.04	-0.03	0.01	586.25	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	1.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	26.65	23.96	24.39	25.00	5.79	ppb
Boron	11-1	24.67	23.16	23.85	23.90	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.47	-0.34	-0.52	-0.44		ppb
Cadmium	106-1	-6.33	-4.77	-7.06	-6.05		ppb
Cadmium	108-1	0.01	0.08	-0.08	0.00	1672.58	ppb
Calcium	43-1	109.24	99.01	94.96	101.07	7.28	ppb
Calcium	44-1	-115.20	-86.64	-308.30	-170.05		ppb
Chromium	52-2	0.05	0.07	0.15	0.09	59.72	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.43	0.37	0.38	0.39	8.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	-0.28	-1.19	-0.87	-0.78		ppb
Iron	56-2	-1.71	-2.29	-1.70	-1.90		ppb
Iron	57-2	-0.48	-0.08	-1.24	-0.60		ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.37	0.35	0.37	3.58	ppb
Lead	207-1	0.39	0.35	0.33	0.36	9.35	ppb
Lead	208-1	0.38	0.37	0.37	0.37	1.19	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:44:09	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	-36.85	-41.38	-40.43	-39.55		ppb
Manganese	55-2	0.00	0.02	0.00	0.01	270.73	ppb
Molybdenum	94-1	0.13	0.02	0.05	0.07	87.89	ppb
Molybdenum	95-1	0.12	0.04	0.04	0.07	77.67	ppb
Molybdenum	96-1	0.23	0.08	0.07	0.13	68.64	ppb
Molybdenum	97-1	0.14	0.13	0.02	0.10	67.02	ppb
Molybdenum	98-1	0.13	0.06	0.06	0.08	47.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.34	-0.35	-0.36		ppb
Phosphorus	31-2	23.22	-27.66	-42.62	-15.69		ppb
Potassium	39-2	59.17	25.59	26.13	36.96	52.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	-0.82	-0.80	-0.96	-0.86		ppb
Selenium	77-2	0.00	2.14	0.00	0.71	173.21	ppb
Selenium	78-2	-0.93	0.87	2.47	0.80	211.62	ppb
Silicon	28-1	-11.97	-14.51	-19.06	-15.18		ppb
Silver	109-1	0.01	0.02	0.01	0.01	12.44	ppb
Silver	107-1	0.01	0.02	0.02	0.02	40.95	ppb
Sodium	23-2	-28.15	-53.87	-50.79	-44.27		ppb
Strontium	86-1	-0.03	-0.04	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	2127.74	2267.49	1448.17	1947.80	22.50	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.09	0.13	0.11	16.95	ppb
Thallium	205-1	0.12	0.08	0.11	0.10	21.37	ppb
Tin	118-1	0.09	0.02	0.01	0.04	103.43	ppb
Titanium	47-1	-0.12	-0.33	-0.12	-0.19		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	201.28	ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1				96		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:44:09	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.19	0.59	0.28	0.35	58.99	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	220.18	ppb
Zirconium	91-1	0.02	-0.03	-0.01	-0.01		ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15586.23	15733.34	15827.45	15715.67	0.77	ppb
Antimony	121-1	0.21	0.20	0.25	0.22	11.14	ppb
Arsenic	75-2	1.78	1.72	1.90	1.80	5.01	ppb
Barium	135-1	516.97	537.30	519.25	524.51	2.12	ppb
Barium	137-1	526.63	540.47	517.61	528.24	2.18	ppb
Beryllium	9-1	0.70	0.65	0.61	0.65	7.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	315.60	372.29	386.23	358.04	10.45	ppb
Boron	11-1	331.99	385.59	400.98	372.85	9.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.24	-0.17	-0.14		ppb
Cadmium	106-1	-4.40	-6.62	-5.75	-5.59		ppb
Cadmium	108-1	0.50	0.81	0.63	0.65	23.64	ppb
Calcium	43-1	41110.85	41638.43	40016.22	40921.83	2.02	ppb
Calcium	44-1	39610.49	40763.37	38391.58	39588.48	3.00	ppb
Chromium	52-2	61.24	61.95	61.27	61.49	0.65	ppb
Cobalt	59-2	23.56	23.65	23.48	23.57	0.36	ppb
Copper	63-2	136.74	140.23	138.49	138.48	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	37042.29	38911.94	38185.61	38046.61	2.48	ppb
Iron	56-2	38110.54	38389.71	37981.74	38160.67	0.55	ppb
Iron	57-2	37246.03	37818.41	37597.95	37554.13	0.77	ppb
Krypton	83-1						cps
Lead	206-1	12.48	12.83	12.54	12.62	1.49	ppb
Lead	207-1	11.57	11.90	11.72	11.73	1.41	ppb
Lead	208-1	12.25	12.30	11.89	12.15	1.84	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	40307.51	40056.63	40847.75	40403.96	1.00	ppb
Manganese	55-2	1943.01	1935.98	1957.60	1945.53	0.57	ppb
Molybdenum	94-1	7.69	8.32	7.52	7.84	5.39	ppb
Molybdenum	95-1	6.18	6.26	5.84	6.09	3.67	ppb
Molybdenum	96-1	6.51	6.73	6.40	6.55	2.50	ppb
Molybdenum	97-1	5.79	6.26	5.87	5.97	4.14	ppb
Molybdenum	98-1	6.01	6.24	5.84	6.03	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.45	31.34	31.47	31.42	0.22	ppb
Phosphorus	31-2	627.83	558.38	630.36	605.52	6.75	ppb
Potassium	39-2	6459.56	6590.59	6620.72	6556.96	1.31	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.09	0.79	1.21	1.03	21.28	ppb
Selenium	77-2	12.84	5.61	11.34	9.93	38.44	ppb
Selenium	78-2	-0.01	-0.65	-2.55	-1.07		ppb
Silicon	28-1	33324.76	33451.32	32031.77	32935.95	2.39	ppb
Silver	109-1	0.18	0.15	0.15	0.16	11.61	ppb
Silver	107-1	0.16	0.17	0.17	0.17	4.00	ppb
Sodium	23-2	221546.93	221100.16	220772.33	221139.81	0.18	ppb
Strontium	86-1	633.18	656.17	631.80	640.38	2.14	ppb
Strontium	88-1	628.81	657.47	617.46	634.58	3.25	ppb
Sulfur	34-1	92.87	-1135.08	-2122.94	-1055.05		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.13	0.19	0.16	19.99	ppb
Thallium	205-1	0.17	0.16	0.12	0.15	17.34	ppb
Tin	118-1	0.14	0.16	0.17	0.16	12.29	ppb
Titanium	47-1	441.26	441.62	431.27	438.05	1.34	ppb
Uranium	238-1	1.76	1.82	1.85	1.81	2.46	ppb
Vanadium	51-2	89.46	91.03	90.26	90.25	0.87	ppb
Yttrium	89-1				105		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	200.47	200.74	200.82	200.67	0.09	ppb
Zirconium	90-1	2.44	2.48	2.44	2.45	0.97	ppb
Zirconium	91-1	2.27	2.52	2.47	2.42	5.47	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:52:45	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51412.89	50010.44	53383.14	51602.16	3.28	ppb
Antimony	121-1	492.53	488.04	504.20	494.92	1.69	ppb
Arsenic	75-2	493.32	474.40	510.74	492.82	3.69	ppb
Barium	135-1	2484.47	2506.34	2505.70	2498.84	0.50	ppb
Barium	137-1	2466.67	2487.21	2535.51	2496.46	1.42	ppb
Beryllium	9-1	501.30	513.58	517.35	510.75	1.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	509.36	570.38	602.46	560.73	8.43	ppb
Boron	11-1	513.61	583.74	610.80	569.38	8.81	ppb
Bromine	81-1						cps
Cadmium	111-1	474.33	487.75	489.30	483.79	1.70	ppb
Cadmium	106-1	459.04	481.77	490.05	476.95	3.37	ppb
Cadmium	108-1	475.79	488.61	503.69	489.36	2.85	ppb
Calcium	43-1	240966.94	246509.43	250765.10	246080.49	2.00	ppb
Calcium	44-1	240944.98	245806.03	251693.21	246148.07	2.19	ppb
Chromium	52-2	494.93	480.33	508.08	494.45	2.81	ppb
Cobalt	59-2	489.84	466.45	499.78	485.35	3.53	ppb
Copper	63-2	4787.76	4637.11	4950.81	4791.89	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	123729.31	116774.39	127556.92	122686.87	4.46	ppb
Iron	56-2	123285.42	118441.47	126899.58	122875.49	3.45	ppb
Iron	57-2	122872.38	119301.03	129350.76	123841.39	4.11	ppb
Krypton	83-1						cps
Lead	206-1	2532.70	2551.58	2515.64	2533.31	0.71	ppb
Lead	207-1	2545.09	2546.86	2554.35	2548.77	0.19	ppb
Lead	208-1	2519.80	2550.67	2517.57	2529.35	0.73	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:52:45	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	247673.13	241557.46	259631.00	249620.53	3.68	ppb
Manganese	55-2	5110.55	4711.60	5113.69	4978.61	4.64	ppb
Molybdenum	94-1	2519.31	2464.65	2520.31	2501.42	1.27	ppb
Molybdenum	95-1	2519.54	2477.94	2501.86	2499.78	0.84	ppb
Molybdenum	96-1	2529.66	2508.28	2497.59	2511.84	0.65	ppb
Molybdenum	97-1	2470.67	2503.52	2527.66	2500.62	1.14	ppb
Molybdenum	98-1	2484.08	2473.47	2522.07	2493.21	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.40	467.56	501.44	484.80	3.50	ppb
Phosphorus	31-2	9709.11	9746.34	10496.11	9983.85	4.45	ppb
Potassium	39-2	124731.79	123858.75	133184.49	127258.35	4.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	488.69	496.58	496.17	493.81	0.90	ppb
Selenium	77-2	460.82	532.84	533.30	508.98	8.20	ppb
Selenium	78-2	502.03	465.07	527.59	498.23	6.31	ppb
Silicon	28-1	421.92	466.06	459.86	449.28	5.32	ppb
Silver	109-1	482.46	485.81	485.84	484.70	0.40	ppb
Silver	107-1	479.46	490.20	495.03	488.23	1.63	ppb
Sodium	23-2	250513.97	244639.01	260750.55	251967.85	3.24	ppb
Strontium	86-1	490.91	503.88	510.17	501.65	1.96	ppb
Strontium	88-1	483.28	501.68	506.05	497.00	2.43	ppb
Sulfur	34-1	10758.21	11504.74	10465.24	10909.40	4.91	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	493.78	501.41	506.00	500.40	1.23	ppb
Thallium	205-1	505.44	504.44	500.93	503.61	0.47	ppb
Tin	118-1	485.03	487.49	500.66	491.06	1.71	ppb
Titanium	47-1	2472.13	2498.69	2502.54	2491.12	0.66	ppb
Uranium	238-1	516.71	521.07	524.27	520.68	0.73	ppb
Vanadium	51-2	501.41	476.57	513.67	497.22	3.80	ppb
Yttrium	89-1				101		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:52:45	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	4843.92	4692.18	4963.39	4833.17	2.81	ppb
Zirconium	90-1	508.87	504.23	507.79	506.96	0.48	ppb
Zirconium	91-1	495.95	498.66	497.18	497.26	0.27	ppb

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : CCB007 Instrumnet Name : P8
 Client Sample ID : CCB007 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:57:04 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-6.82	1.09	-3.83	-3.19		ppb
Antimony	121-1	0.04	0.04	0.07	0.05	33.90	ppb
Arsenic	75-2	0.00	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.02	0.00	-0.01	0.00	468.32	ppb
Barium	137-1	0.07	0.00	0.03	0.03	117.78	ppb
Beryllium	9-1	0.07	0.06	0.04	0.05	29.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	69.44	59.91	55.62	61.66	11.47	ppb
Boron	11-1	70.82	59.15	55.26	61.74	13.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.49	-0.48	-0.43	-0.47		ppb
Cadmium	106-1	-6.86	-6.38	-5.67	-6.30		ppb
Cadmium	108-1	-0.06	0.24	0.06	0.08	183.23	ppb
Calcium	43-1	180.38	105.05	95.69	127.04	36.55	ppb
Calcium	44-1	1812.51	150.51	-714.60	416.14	308.63	ppb
Chromium	52-2	0.08	0.11	0.03	0.08	50.54	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.77	0.72	0.65	0.71	7.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	54-2	-1.75	-1.49	-1.31	-1.52		ppb
Iron	56-2	-1.93	-1.70	-1.50	-1.71		ppb
Iron	57-2	0.77	-1.92	-3.59	-1.58		ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.54	0.55	0.57	7.78	ppb
Lead	207-1	0.67	0.59	0.43	0.56	21.63	ppb
Lead	208-1	0.71	0.57	0.51	0.60	17.41	ppb

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:57:04	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				96		%
Magnesium	24-2	-48.09	-43.84	-50.01	-47.31		ppb
Manganese	55-2	0.04	0.06	0.03	0.04	36.31	ppb
Molybdenum	94-1	0.17	0.13	0.10	0.13	26.99	ppb
Molybdenum	95-1	0.32	0.26	0.22	0.27	17.73	ppb
Molybdenum	96-1	0.26	0.27	0.18	0.24	20.02	ppb
Molybdenum	97-1	0.16	0.24	0.17	0.19	22.24	ppb
Molybdenum	98-1	0.30	0.27	0.17	0.25	27.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.32	-0.35	-0.32		ppb
Phosphorus	31-2	20.78	-36.35	-55.03	-23.53		ppb
Potassium	39-2	-7.95	9.11	28.34	9.83	184.59	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	2.12	-0.41	0.99	0.90	140.40	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-1.36	-3.21	-1.61		ppb
Silicon	28-1	64.78	3.20	-25.69	14.10	327.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.14	ppb
Silver	107-1	0.02	0.02	0.01	0.02	34.14	ppb
Sodium	23-2	-85.41	-64.02	-71.20	-73.54		ppb
Strontium	86-1	0.16	-0.03	-0.05	0.03	420.48	ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	8983.18	3238.33	197.71	4139.74	107.77	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.14	0.15	0.10	0.13	19.59	ppb
Thallium	205-1	0.18	0.12	0.10	0.13	30.73	ppb
Tin	118-1	0.08	0.07	0.06	0.07	12.45	ppb
Titanium	47-1	-0.02	-0.16	-0.33	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.02	-0.03		ppb
Yttrium	89-1				92		%

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:57:04	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.80	0.40	0.57	0.59	33.40	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	79.23	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	74.87	ppb

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P8
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:12:38 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	954	1008	970	977	2.84	cps
Antimony	121-1	8	25	17	17	50.01	cps
Arsenic	75-2	14	8	9	10	31.11	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	8	17	17	14	34.67	cps
Beryllium	9-1	22	40	32	31	28.77	cps
Bismuth	209-1	1551865	1537012	1575506	1554794	1.25	cps
Bismuth	209-2	900991	853424	914661	889692	3.61	cps
Boron	10-1	236	242	232	237	2.13	cps
Boron	11-1	1214	1138	1156	1169	3.40	cps
Bromine	81-1	3394	3084	3314	3264	4.94	cps
Cadmium	111-1	1121	1321	1276	1239	8.44	cps
Cadmium	106-1	1600	1875	1825	1767	8.29	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	1050	950	950	983	5.87	cps
Calcium	44-1	1407628	1410540	1396129	1404766	0.54	cps
Chromium	52-2	520	560	503	528	5.52	cps
Cobalt	59-2	43	33	50	42	19.87	cps
Copper	63-2	507	630	583	573	10.86	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	50	42	17	36	48.03	cps
Gadolinium	160-2	10	17	27	18	47.19	cps
Holmium	165-1	2973607	3006387	3027148	3002381	0.90	cps
Holmium	165-2	1452293	1358668	1472475	1427812	4.25	cps
Indium	115-1	3462566	3493780	3590005	3515450	1.89	cps
Indium	115-2	533724	504820	541049	526531	3.64	cps
Iron	54-2	417	389	406	404	3.46	cps
Iron	56-2	4473	4384	4451	4436	1.04	cps
Iron	57-2	183	206	150	180	15.57	cps
Krypton	83-1	423	397	420	413	3.51	cps
Lead	206-1	128	211	161	167	25.17	cps
Lead	207-1	117	111	178	135	27.36	cps
Lead	208-1	483	694	656	611	18.39	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:12:38	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	556049	553099	559644	556264	0.59	cps
Magnesium	24-2	5359	5476	5143	5326	3.18	cps
Manganese	55-2	63	33	77	58	38.42	cps
Molybdenum	94-1	142	142	108	131	14.74	cps
Molybdenum	95-1	33	50	67	50	33.34	cps
Molybdenum	96-1	67	25	58	50	44.10	cps
Molybdenum	97-1	33	100	25	53	77.89	cps
Molybdenum	98-1	25	67	33	42	52.92	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	270	273	217	253	12.55	cps
Phosphorus	31-2	342	283	242	289	17.39	cps
Potassium	39-2	32011	32520	32120	32217	0.83	cps
Rhodium	103-1	3391646	3385635	3463440	3413573	1.27	cps
Rhodium	103-2	1616241	1494074	1598824	1569713	4.21	cps
Scandium	45-1	2509219	2528383	2622902	2553501	2.38	cps
Scandium	45-2	87971	83438	89144	86851	3.47	cps
Selenium	82-1	-10	8	-50	-17	-173.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	62	47	55	13.73	cps
Silicon	28-1	734693	738333	733449	735492	0.35	cps
Silver	109-1	25	8	25	19	49.50	cps
Silver	107-1	17	25	33	25	33.32	cps
Sodium	23-2	75982	77490	75286	76252	1.48	cps
Strontium	86-1	775	650	608	678	12.80	cps
Strontium	88-1	75	158	158	131	36.85	cps
Sulfur	34-1	503037	503955	499659	502217	0.45	cps
Terbium	159-1	3225765	3246822	3257002	3243197	0.49	cps
Terbium	159-2	1476203	1374381	1497364	1449316	4.54	cps
Thallium	203-1	25	8	17	17	50.01	cps
Thallium	205-1	25	83	83	64	52.72	cps
Tin	118-1	283	342	308	311	9.41	cps
Titanium	47-1	1092	1300	1242	1211	8.87	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	63	30	17	37	65.55	cps
Yttrium	89-1	5537013	5392340	5455179	5461510	1.33	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:12:38	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	609135	580387	616523	602015	3.17	cps
Zinc	66-2	140	120	173	144	18.66	cps
Zirconium	90-1	258	267	233	253	6.86	cps
Zirconium	91-1	42	83	25	50	60.09	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:15:49 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1312	1320	1368	1333	2.27	cps
Antimony	121-1	6785	6660	6710	6719	0.94	cps
Arsenic	75-2	146	150	173	156	9.32	cps
Barium	135-1	6110	6327	6293	6243	1.87	cps
Barium	137-1	10546	10321	10805	10557	2.29	cps
Beryllium	9-1	600	630	634	621	2.99	cps
Bismuth	209-1	1566930	1556580	1549167	1557559	0.57	cps
Bismuth	209-2	907998	919203	909994	912398	0.66	cps
Boron	10-1	1040	1216	1224	1160	8.97	cps
Boron	11-1	5174	5696	5908	5593	6.76	cps
Bromine	81-1	2983	3033	2953	2990	1.35	cps
Cadmium	111-1	2096	2074	2034	2068	1.50	cps
Cadmium	106-1	1992	1825	1884	1900	4.45	cps
Cadmium	108-1	46	58	67	57	18.42	cps
Calcium	43-1	5368	5193	5410	5323	2.16	cps
Calcium	44-1	1460827	1447004	1451515	1453115	0.49	cps
Chromium	52-2	2400	2394	2467	2420	1.68	cps
Cobalt	59-2	1657	1603	1547	1602	3.43	cps
Copper	63-2	2860	2924	3027	2937	2.87	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	42	0	31	87.67	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	83	83	69	34.64	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	3044690	2961041	2976809	2994180	1.48	cps
Holmium	165-2	1465279	1457127	1465806	1462737	0.33	cps
Indium	115-1	3467335	3438751	3467129	3457739	0.48	cps
Indium	115-2	534518	528338	541164	534673	1.20	cps
Iron	54-2	2378	2334	2200	2304	4.02	cps
Iron	56-2	38920	37616	37254	37930	2.31	cps
Iron	57-2	1095	1161	1017	1091	6.63	cps
Krypton	83-1	370	423	437	410	8.60	cps
Lead	206-1	1167	1156	1222	1182	3.02	cps
Lead	207-1	1217	1245	1106	1189	6.18	cps
Lead	208-1	5273	5173	5012	5152	2.56	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:15:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	547627	542471	552556	547551	0.92	cps
Magnesium	24-2	32587	30942	31902	31810	2.60	cps
Manganese	55-2	547	443	503	498	10.42	cps
Molybdenum	94-1	6218	5976	6110	6102	1.99	cps
Molybdenum	95-1	7502	7402	7335	7413	1.13	cps
Molybdenum	96-1	8211	8336	7752	8100	3.79	cps
Molybdenum	97-1	4501	4559	4476	4512	0.95	cps
Molybdenum	98-1	11997	11263	12047	11769	3.73	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	807	703	740	750	6.99	cps
Phosphorus	31-2	300	225	142	222	35.64	cps
Potassium	39-2	53584	54537	54729	54283	1.13	cps
Rhodium	103-1	3469795	3442663	3457913	3456790	0.39	cps
Rhodium	103-2	1615251	1602714	1615004	1610990	0.44	cps
Scandium	45-1	2502278	2506683	2575834	2528265	1.63	cps
Scandium	45-2	89902	87769	88112	88594	1.29	cps
Selenium	82-1	276	217	294	262	15.27	cps
Selenium	77-2	13	20	3	12	68.66	cps
Selenium	78-2	83	75	77	78	5.31	cps
Silicon	28-1	758877	757194	751101	755724	0.54	cps
Silver	109-1	3551	3467	3767	3595	4.31	cps
Silver	107-1	3809	4059	3701	3856	4.77	cps
Sodium	23-2	130404	129312	130379	130032	0.48	cps
Strontium	86-1	1517	1500	1492	1503	0.85	cps
Strontium	88-1	8353	7944	8845	8381	5.38	cps
Sulfur	34-1	499283	494164	495350	496266	0.54	cps
Terbium	159-1	3237082	3311149	3290972	3279735	1.17	cps
Terbium	159-2	1492620	1466326	1489985	1482977	0.98	cps
Thallium	203-1	1533	1517	1617	1556	3.44	cps
Thallium	205-1	3626	3684	3517	3609	2.34	cps
Tin	118-1	11522	10913	11655	11363	3.48	cps
Titanium	47-1	3517	3501	3467	3495	0.73	cps
Uranium	238-1	3517	3401	3776	3565	5.39	cps
Vanadium	51-2	3821	3787	3727	3778	1.25	cps
Yttrium	89-1	5602264	5451204	5415094	5489520	1.81	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:15:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	606835	610622	609863	609107	0.33	cps
Zinc	66-2	523	513	473	503	5.26	cps
Zirconium	90-1	5451	5251	5560	5421	2.89	cps
Zirconium	91-1	1283	1175	1450	1303	10.63	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:22:10 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18862	19331	19051	19081	1.24	cps
Antimony	121-1	172006	173913	172076	172665	0.63	cps
Arsenic	75-2	7226	7058	7083	7123	1.27	cps
Barium	135-1	159491	161352	161491	160778	0.69	cps
Barium	137-1	284571	279026	279794	281130	1.07	cps
Beryllium	9-1	31874	31577	31622	31691	0.50	cps
Bismuth	209-1	1542796	1534658	1550773	1542742	0.52	cps
Bismuth	209-2	916933	912768	911128	913610	0.33	cps
Boron	10-1	2324	2552	2630	2502	6.36	cps
Boron	11-1	11374	11904	12573	11950	5.03	cps
Bromine	81-1	3354	2993	3484	3277	7.76	cps
Cadmium	111-1	41249	40454	40322	40675	1.23	cps
Cadmium	106-1	5976	5785	5268	5676	6.46	cps
Cadmium	108-1	2854	2892	2909	2885	0.96	cps
Calcium	43-1	46651	48131	47295	47359	1.57	cps
Calcium	44-1	2187576	2178392	2182145	2182704	0.21	cps
Chromium	52-2	50422	50231	49870	50174	0.56	cps
Cobalt	59-2	88201	87923	86202	87442	1.24	cps
Copper	63-2	641200	644410	629948	638519	1.19	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	67	50	58	58	14.29	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	2990107	2939932	2957986	2962675	0.86	cps
Holmium	165-2	1487111	1465990	1466128	1473076	0.83	cps
Indium	115-1	3463480	3447495	3421761	3444246	0.61	cps
Indium	115-2	536158	534472	524594	531741	1.17	cps
Iron	54-2	102733	102134	101088	101985	0.82	cps
Iron	56-2	1866742	1865071	1820702	1850838	1.41	cps
Iron	57-2	46075	46225	46364	46221	0.31	cps
Krypton	83-1	360	427	383	390	8.67	cps
Lead	206-1	326803	328599	330310	328571	0.53	cps
Lead	207-1	292667	291063	297516	293749	1.14	cps
Lead	208-1	1302016	1303635	1321985	1309212	0.85	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:22:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	550123	548974	545097	548065	0.48	cps
Magnesium	24-2	303879	299220	295736	299611	1.36	cps
Manganese	55-2	227280	225408	227324	226671	0.48	cps
Molybdenum	94-1	333793	335773	332318	333961	0.52	cps
Molybdenum	95-1	410562	405280	407853	407898	0.65	cps
Molybdenum	96-1	446140	445455	451473	447689	0.74	cps
Molybdenum	97-1	256398	251796	247495	251896	1.77	cps
Molybdenum	98-1	649228	639640	641855	643574	0.78	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24080	23646	23770	23832	0.94	cps
Phosphorus	31-2	1742	1683	1800	1742	3.35	cps
Potassium	39-2	162442	155103	159113	158886	2.31	cps
Rhodium	103-1	3377190	3353218	3353702	3361370	0.41	cps
Rhodium	103-2	1632319	1633742	1571393	1612484	2.21	cps
Scandium	45-1	2544587	2459544	2578950	2527694	2.43	cps
Scandium	45-2	86947	87075	88034	87352	0.68	cps
Selenium	82-1	3117	2944	2921	2994	3.58	cps
Selenium	77-2	87	80	83	83	4.00	cps
Selenium	78-2	331	344	355	343	3.50	cps
Silicon	28-1	868723	880333	878160	875739	0.70	cps
Silver	109-1	191148	190082	186637	189289	1.25	cps
Silver	107-1	197358	195877	196325	196520	0.39	cps
Sodium	23-2	671303	660706	660414	664141	0.93	cps
Strontium	86-1	53219	52801	52198	52739	0.97	cps
Strontium	88-1	448270	459836	452585	453563	1.29	cps
Sulfur	34-1	513615	511680	509394	511563	0.41	cps
Terbium	159-1	3318945	3294916	3273015	3295625	0.70	cps
Terbium	159-2	1492427	1481255	1466744	1480142	0.87	cps
Thallium	203-1	79560	79661	79024	79415	0.43	cps
Thallium	205-1	185767	186806	184804	185792	0.54	cps
Tin	118-1	115225	117443	117369	116679	1.08	cps
Titanium	47-1	125581	125111	124657	125116	0.37	cps
Uranium	238-1	193201	195207	194675	194361	0.53	cps
Vanadium	51-2	39946	40186	39494	39875	0.88	cps
Yttrium	89-1	5364430	5394835	5374326	5377864	0.29	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:22:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	616230	609555	607858	611214	0.72	cps
Zinc	66-2	91500	91225	90477	91067	0.58	cps
Zirconium	90-1	278674	273873	275120	275889	0.90	cps
Zirconium	91-1	61386	59394	62574	61118	2.63	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:25:19 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46436	46208	45329	45991	1.27	cps
Antimony	121-1	431627	430555	427488	429890	0.50	cps
Arsenic	75-2	18041	17543	17386	17657	1.94	cps
Barium	135-1	407947	409477	407158	408194	0.29	cps
Barium	137-1	724450	709099	696316	709955	1.98	cps
Beryllium	9-1	79442	78897	80397	79579	0.95	cps
Bismuth	209-1	1571792	1565825	1554897	1564171	0.55	cps
Bismuth	209-2	928122	936645	924322	929696	0.68	cps
Boron	10-1	5508	5800	6618	5975	9.63	cps
Boron	11-1	26142	28542	30385	28356	7.50	cps
Bromine	81-1	3454	3144	2783	3127	10.74	cps
Cadmium	111-1	102302	100971	101088	101454	0.73	cps
Cadmium	106-1	12022	12706	12506	12411	2.83	cps
Cadmium	108-1	7631	7173	6631	7145	7.01	cps
Calcium	43-1	118479	117537	118430	118149	0.45	cps
Calcium	44-1	3343554	3328517	3332984	3335018	0.23	cps
Chromium	52-2	124197	119548	120008	121251	2.11	cps
Cobalt	59-2	217504	212474	214429	214802	1.18	cps
Copper	63-2	1590200	1578334	1557858	1575464	1.04	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3022703	3070829	3006588	3033373	1.10	cps
Holmium	165-2	1489247	1517628	1514172	1507016	1.03	cps
Indium	115-1	3513028	3480922	3475630	3489860	0.58	cps
Indium	115-2	539729	547327	547709	544921	0.83	cps
Iron	54-2	249783	245073	247351	247402	0.95	cps
Iron	56-2	4604135	4462275	4494212	4520207	1.65	cps
Iron	57-2	113986	110877	111538	112134	1.46	cps
Krypton	83-1	373	420	390	394	6.00	cps
Lead	206-1	827437	817227	825659	823441	0.66	cps
Lead	207-1	742175	727706	730895	733592	1.04	cps
Lead	208-1	3382720	3314645	3323941	3340436	1.11	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:25:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	557819	556436	558522	557592	0.19	cps
Magnesium	24-2	735256	735508	726121	732295	0.73	cps
Manganese	55-2	571383	548118	549751	556417	2.33	cps
Molybdenum	94-1	834679	843566	849201	842482	0.87	cps
Molybdenum	95-1	1038169	1024090	1030057	1030772	0.69	cps
Molybdenum	96-1	1135258	1135464	1116522	1129081	0.96	cps
Molybdenum	97-1	626714	631496	627977	628729	0.39	cps
Molybdenum	98-1	1621236	1632802	1646806	1633614	0.78	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	58704	58895	58654	58751	0.22	cps
Phosphorus	31-2	3951	3992	3826	3923	2.21	cps
Potassium	39-2	347939	344858	339171	343990	1.29	cps
Rhodium	103-1	3446825	3417033	3393096	3418985	0.79	cps
Rhodium	103-2	1602865	1627145	1613018	1614343	0.76	cps
Scandium	45-1	2583695	2584488	2512363	2560182	1.62	cps
Scandium	45-2	88215	87360	88005	87860	0.51	cps
Selenium	82-1	7323	7150	7282	7252	1.25	cps
Selenium	77-2	230	190	227	216	10.30	cps
Selenium	78-2	767	790	738	765	3.41	cps
Silicon	28-1	1010306	1018921	1014935	1014720	0.42	cps
Silver	109-1	470453	473567	464561	469527	0.97	cps
Silver	107-1	497065	492354	496250	495223	0.51	cps
Sodium	23-2	1548630	1499950	1505757	1518112	1.75	cps
Strontium	86-1	133357	130726	134536	132873	1.47	cps
Strontium	88-1	1152378	1134271	1133550	1140067	0.94	cps
Sulfur	34-1	538153	538376	539315	538615	0.11	cps
Terbium	159-1	3363406	3334315	3282278	3326667	1.24	cps
Terbium	159-2	1504759	1508600	1536000	1516453	1.12	cps
Thallium	203-1	201921	203078	200829	201943	0.56	cps
Thallium	205-1	477881	465460	467005	470115	1.44	cps
Tin	118-1	290027	285593	289206	288275	0.82	cps
Titanium	47-1	316942	307786	309198	311309	1.58	cps
Uranium	238-1	493528	490600	490690	491606	0.34	cps
Vanadium	51-2	100070	97981	97593	98548	1.35	cps
Yttrium	89-1	5552182	5441257	5423826	5472422	1.27	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:25:19	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	612322	617944	621556	617274	0.75	cps
Zinc	66-2	226774	223417	221819	224003	1.13	cps
Zirconium	90-1	699552	702211	693192	698319	0.66	cps
Zirconium	91-1	154424	152832	155553	154270	0.89	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91748	90704	90396	90949	0.78	cps
Antimony	121-1	847492	851590	848382	849155	0.25	cps
Arsenic	75-2	35839	35212	35293	35448	0.96	cps
Barium	135-1	795371	802724	807824	801973	0.78	cps
Barium	137-1	1401116	1399384	1402510	1401003	0.11	cps
Beryllium	9-1	159726	158647	158015	158796	0.55	cps
Bismuth	209-1	1566667	1555522	1560287	1560825	0.36	cps
Bismuth	209-2	928594	913822	920305	920907	0.80	cps
Boron	10-1	10640	11950	12539	11710	8.30	cps
Boron	11-1	50779	55065	60280	55375	8.59	cps
Bromine	81-1	3344	3114	3144	3200	3.91	cps
Cadmium	111-1	195874	194180	197263	195772	0.79	cps
Cadmium	106-1	22269	22294	22085	22216	0.51	cps
Cadmium	108-1	14445	14245	14124	14271	1.14	cps
Calcium	43-1	235560	230360	226288	230736	2.01	cps
Calcium	44-1	5184690	5195384	5132310	5170795	0.65	cps
Chromium	52-2	239568	241524	241824	240972	0.51	cps
Cobalt	59-2	431665	425737	427973	428459	0.70	cps
Copper	63-2	3181130	3216552	3190705	3196129	0.57	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	92	25	100	72	56.92	cps
Gadolinium	160-2	17	13	30	20	44.10	cps
Holmium	165-1	3014636	2988918	3025959	3009838	0.63	cps
Holmium	165-2	1483797	1481210	1463841	1476282	0.74	cps
Indium	115-1	3483006	3397801	3426489	3435765	1.26	cps
Indium	115-2	530028	531728	531251	531002	0.17	cps
Iron	54-2	504850	499537	498065	500817	0.71	cps
Iron	56-2	9150807	8876652	8879351	8968937	1.76	cps
Iron	57-2	225921	223746	220672	223447	1.18	cps
Krypton	83-1	427	330	387	381	12.74	cps
Lead	206-1	1632766	1634914	1638381	1635354	0.17	cps
Lead	207-1	1461091	1457032	1487627	1468583	1.13	cps
Lead	208-1	6671366	6655995	6713258	6680207	0.44	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	559153	559132	558830	559038	0.03	cps
Magnesium	24-2	1443953	1453798	1439905	1445885	0.49	cps
Manganese	55-2	1111025	1110508	1106454	1109329	0.23	cps
Molybdenum	94-1	1636010	1645191	1659898	1647033	0.73	cps
Molybdenum	95-1	1997666	2013783	2005522	2005657	0.40	cps
Molybdenum	96-1	2178242	2203683	2212439	2198121	0.81	cps
Molybdenum	97-1	1248482	1238152	1250893	1245842	0.54	cps
Molybdenum	98-1	3146068	3188699	3157565	3164111	0.70	cps
Neodymium	150-1	20	60	27	36	60.27	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	116963	117508	115992	116821	0.66	cps
Phosphorus	31-2	7094	6902	6693	6896	2.90	cps
Potassium	39-2	662798	662302	660602	661900	0.17	cps
Rhodium	103-1	3369798	3316017	3340507	3342108	0.81	cps
Rhodium	103-2	1572447	1589290	1601955	1587897	0.93	cps
Scandium	45-1	2583752	2552590	2495522	2543955	1.76	cps
Scandium	45-2	86254	88185	86760	87066	1.15	cps
Selenium	82-1	14254	14138	14191	14194	0.41	cps
Selenium	77-2	480	477	430	462	6.05	cps
Selenium	78-2	1495	1509	1513	1506	0.63	cps
Silicon	28-1	1284169	1286332	1344776	1305092	2.63	cps
Silver	109-1	924898	917562	921594	921351	0.40	cps
Silver	107-1	975559	972451	967775	971928	0.40	cps
Sodium	23-2	2929113	2879552	2977430	2928698	1.67	cps
Strontium	86-1	256665	259241	258414	258107	0.51	cps
Strontium	88-1	2279243	2226701	2266967	2257637	1.22	cps
Sulfur	34-1	577137	577931	579152	578073	0.18	cps
Terbium	159-1	3205937	3276830	3297245	3260004	1.47	cps
Terbium	159-2	1503422	1485036	1474132	1487530	1.00	cps
Thallium	203-1	394006	394299	399011	395772	0.71	cps
Thallium	205-1	917787	924728	946596	929704	1.62	cps
Tin	118-1	569202	577113	568724	571680	0.82	cps
Titanium	47-1	613414	605400	618568	612461	1.08	cps
Uranium	238-1	978215	989763	988683	985554	0.65	cps
Vanadium	51-2	197406	197293	196670	197123	0.20	cps
Yttrium	89-1	5500653	5426554	5454663	5460624	0.69	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:28:30	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	608976	604345	602849	605390	0.53	cps
Zinc	66-2	448322	444683	441173	444726	0.80	cps
Zirconium	90-1	1384597	1361597	1368115	1371437	0.86	cps
Zirconium	91-1	306368	299429	301095	302297	1.20	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:31:30 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176551	177865	177042	177153	0.37	cps
Antimony	121-1	1707629	1689311	1715879	1704273	0.80	cps
Arsenic	75-2	68871	69414	69417	69234	0.45	cps
Barium	135-1	1600073	1592742	1597752	1596855	0.23	cps
Barium	137-1	2754499	2787369	2775065	2772311	0.60	cps
Beryllium	9-1	314983	319104	316637	316908	0.65	cps
Bismuth	209-1	1542337	1552832	1568288	1554486	0.84	cps
Bismuth	209-2	902077	886129	901657	896621	1.01	cps
Boron	10-1	20889	23738	25287	23305	9.57	cps
Boron	11-1	101992	113835	119735	111854	8.08	cps
Bromine	81-1	3174	3053	3104	3110	1.94	cps
Cadmium	111-1	383703	384594	382954	383750	0.21	cps
Cadmium	106-1	41538	42198	41990	41909	0.81	cps
Cadmium	108-1	28004	28325	27786	28038	0.97	cps
Calcium	43-1	455988	461569	449637	455731	1.31	cps
Calcium	44-1	8851807	8841429	8876363	8856533	0.20	cps
Chromium	52-2	473772	468432	473375	471860	0.63	cps
Cobalt	59-2	829031	828960	832654	830215	0.25	cps
Copper	63-2	6108480	6062900	6098127	6089836	0.39	cps
Dysprosium	156-1	58	42	50	50	16.67	cps
Dysprosium	156-2	10	33	10	18	75.77	cps
Erbium	164-1	25	33	58	39	44.61	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	75	125	100	100	25.00	cps
Gadolinium	160-2	20	40	20	27	43.30	cps
Holmium	165-1	3075164	3033715	2961663	3023514	1.90	cps
Holmium	165-2	1457225	1446296	1466330	1456617	0.69	cps
Indium	115-1	3421010	3429797	3441157	3430655	0.29	cps
Indium	115-2	516951	512326	517742	515673	0.57	cps
Iron	54-2	975712	966780	984801	975764	0.92	cps
Iron	56-2	17558820	17423010	17542630	17508154	0.42	cps
Iron	57-2	436503	442534	437445	438827	0.74	cps
Krypton	83-1	473	420	473	456	6.76	cps
Lead	206-1	3394301	3387084	3358678	3380021	0.56	cps
Lead	207-1	3004965	3100050	3038903	3047973	1.58	cps
Lead	208-1	13527548	13612943	13511056	13550516	0.40	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:31:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	555828	562752	562938	560506	0.72	cps
Magnesium	24-2	2809082	2808954	2874619	2830885	1.34	cps
Manganese	55-2	2165395	2190811	2194281	2183496	0.72	cps
Molybdenum	94-1	3292120	3239023	3196988	3242710	1.47	cps
Molybdenum	95-1	4008358	4094435	3979354	4027383	1.49	cps
Molybdenum	96-1	4312200	4381296	4279747	4324414	1.20	cps
Molybdenum	97-1	2418190	2506992	2437387	2454190	1.90	cps
Molybdenum	98-1	6279509	6431161	6355634	6355435	1.19	cps
Neodymium	150-1	67	53	53	58	13.33	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	227647	226852	226530	227010	0.25	cps
Phosphorus	31-2	14224	13974	13965	14054	1.05	cps
Potassium	39-2	1247709	1258432	1251573	1252571	0.43	cps
Rhodium	103-1	3242168	3347035	3406740	3331981	2.50	cps
Rhodium	103-2	1551989	1547078	1566519	1555195	0.65	cps
Scandium	45-1	2514630	2551485	2536471	2534195	0.73	cps
Scandium	45-2	84444	83487	83658	83863	0.61	cps
Selenium	82-1	28341	28261	28302	28301	0.14	cps
Selenium	77-2	913	873	743	843	10.54	cps
Selenium	78-2	2865	2856	2971	2897	2.21	cps
Silicon	28-1	1804049	1908886	1977902	1896946	4.61	cps
Silver	109-1	1814078	1852664	1843805	1836849	1.10	cps
Silver	107-1	1914606	1958674	1920461	1931247	1.24	cps
Sodium	23-2	5728313	5564855	5753931	5682366	1.81	cps
Strontium	86-1	509086	517894	520002	515661	1.12	cps
Strontium	88-1	4330773	4491510	4473997	4432093	1.99	cps
Sulfur	34-1	645936	648041	656271	650083	0.84	cps
Terbium	159-1	3306252	3259662	3273144	3279686	0.73	cps
Terbium	159-2	1477403	1463684	1466177	1469088	0.50	cps
Thallium	203-1	793349	800170	784230	792583	1.01	cps
Thallium	205-1	1896923	1869246	1847121	1871097	1.33	cps
Tin	118-1	1126879	1139209	1147313	1137801	0.90	cps
Titanium	47-1	1191334	1216928	1209984	1206082	1.10	cps
Uranium	238-1	1982860	1975505	1973002	1977122	0.26	cps
Vanadium	51-2	378924	385642	387666	384077	1.19	cps
Yttrium	89-1	5322299	5379200	5394253	5365250	0.71	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:31:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	595549	591727	600454	595910	0.73	cps
Zinc	66-2	866656	870039	868098	868264	0.20	cps
Zirconium	90-1	2675793	2636168	2709116	2673692	1.37	cps
Zirconium	91-1	603462	591336	606506	600435	1.34	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:34:30 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352831	355295	350427	352851	0.69	cps
Antimony	121-1	3355860	3421326	3388485	3388557	0.97	cps
Arsenic	75-2	138779	139652	139601	139344	0.35	cps
Barium	135-1	3210790	3189905	3244246	3214980	0.85	cps
Barium	137-1	5525848	5606327	5529258	5553811	0.82	cps
Beryllium	9-1	628872	645199	648195	640755	1.62	cps
Bismuth	209-1	1563754	1571832	1571072	1568886	0.28	cps
Bismuth	209-2	910551	912944	905821	909772	0.40	cps
Boron	10-1	44151	49940	52657	48916	8.88	cps
Boron	11-1	206235	233922	247788	229315	9.23	cps
Bromine	81-1	2923	3234	2963	3040	5.55	cps
Cadmium	111-1	771621	782028	778213	777287	0.68	cps
Cadmium	106-1	83133	82102	83344	82860	0.80	cps
Cadmium	108-1	55356	56377	56791	56175	1.31	cps
Calcium	43-1	903958	924353	922727	917013	1.24	cps
Calcium	44-1	16127465	16439348	16539438	16368750	1.31	cps
Chromium	52-2	950778	948854	946770	948801	0.21	cps
Cobalt	59-2	1664050	1662448	1695208	1673902	1.10	cps
Copper	63-2	12111879	12216536	12004484	12110967	0.88	cps
Dysprosium	156-1	108	92	92	97	9.90	cps
Dysprosium	156-2	53	27	23	34	47.73	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-1	125	67	83	92	32.77	cps
Gadolinium	160-2	20	10	37	22	60.63	cps
Holmium	165-1	3060878	3040775	3068378	3056677	0.47	cps
Holmium	165-2	1488021	1486967	1492399	1489129	0.19	cps
Indium	115-1	3424944	3437208	3421253	3427802	0.24	cps
Indium	115-2	511095	515195	507363	511217	0.77	cps
Iron	54-2	1969285	1955591	1975609	1966828	0.52	cps
Iron	56-2	34716522	35436162	35347774	35166819	1.12	cps
Iron	57-2	869588	875882	873401	872957	0.36	cps
Krypton	83-1	350	400	397	382	7.31	cps
Lead	206-1	6676881	6737391	6735329	6716534	0.51	cps
Lead	207-1	6000833	6069037	6056004	6041958	0.60	cps
Lead	208-1	26709364	26955825	26830643	26831944	0.46	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 10:34:30 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	569573	574833	570487	571631	0.49	cps
Magnesium	24-2	5489051	5674845	5602515	5588804	1.68	cps
Manganese	55-2	4379077	4364546	4342710	4362111	0.42	cps
Molybdenum	94-1	6397864	6451400	6613310	6487524	1.73	cps
Molybdenum	95-1	7801869	8008912	8065690	7958823	1.74	cps
Molybdenum	96-1	8687277	8656804	8741284	8695122	0.49	cps
Molybdenum	97-1	4886131	4857615	4987885	4910544	1.39	cps
Molybdenum	98-1	12589355	12524080	12583640	12565692	0.29	cps
Neodymium	150-1	127	127	147	133	8.66	cps
Neodymium	150-2	0	17	30	16	96.62	cps
Nickel	60-2	452415	450399	446748	449854	0.64	cps
Phosphorus	31-2	27093	28679	27293	27688	3.12	cps
Potassium	39-2	2460131	2436242	2460332	2452235	0.56	cps
Rhodium	103-1	3331440	3278523	3302304	3304089	0.80	cps
Rhodium	103-2	1530673	1571371	1546933	1549659	1.32	cps
Scandium	45-1	2533737	2541443	2502023	2525734	0.83	cps
Scandium	45-2	85724	87357	84816	85965	1.50	cps
Selenium	82-1	55894	56642	56595	56377	0.74	cps
Selenium	77-2	1640	1593	1683	1639	2.75	cps
Selenium	78-2	5593	5753	5755	5700	1.63	cps
Silicon	28-1	2703513	2818389	2890584	2804162	3.36	cps
Silver	109-1	3634145	3701808	3686679	3674211	0.97	cps
Silver	107-1	3849608	3845433	3853930	3849657	0.11	cps
Sodium	23-2	11282968	11571958	11332901	11395942	1.36	cps
Strontium	86-1	1031833	1047229	1039626	1039563	0.74	cps
Strontium	88-1	8841421	9030756	8990161	8954113	1.11	cps
Sulfur	34-1	794969	809878	799568	801472	0.95	cps
Terbium	159-1	3353282	3321586	3398074	3357647	1.14	cps
Terbium	159-2	1488296	1465384	1499235	1484305	1.16	cps
Thallium	203-1	1604716	1637958	1597777	1613484	1.33	cps
Thallium	205-1	3726296	3846751	3771707	3781585	1.61	cps
Tin	118-1	2269903	2314274	2292509	2292229	0.97	cps
Titanium	47-1	2392817	2413594	2417825	2408079	0.56	cps
Uranium	238-1	3917358	4009449	3997377	3974728	1.26	cps
Vanadium	51-2	785866	769839	773254	776320	1.09	cps
Yttrium	89-1	5459437	5466955	5568848	5498413	1.11	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:34:30	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	596298	600756	598640	598565	0.37	cps
Zinc	66-2	1727091	1739470	1712180	1726247	0.79	cps
Zirconium	90-1	5370634	5379153	5418440	5389409	0.47	cps
Zirconium	91-1	1194832	1224314	1217801	1212316	1.28	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1796879	1754054	1758789	1769907	1.33	cps
Antimony	121-1	1909	2609	2209	2242	15.67	cps
Arsenic	75-2	55	70	54	60	15.02	cps
Barium	135-1	5360	5751	5668	5593	3.69	cps
Barium	137-1	9420	10004	9729	9718	3.01	cps
Beryllium	9-1	158	188	142	163	14.36	cps
Bismuth	209-1	1510791	1530312	1524982	1522028	0.66	cps
Bismuth	209-2	897194	896566	888974	894245	0.51	cps
Boron	10-1	8381	7789	7182	7784	7.70	cps
Boron	11-1	39645	36037	33223	36302	8.87	cps
Bromine	81-1	3714	3554	3774	3681	3.09	cps
Cadmium	111-1	1598	1455	1277	1443	11.17	cps
Cadmium	106-1	1842	1767	1450	1686	12.33	cps
Cadmium	108-1	58	46	67	57	18.42	cps
Calcium	43-1	4403660	4356728	4314280	4358222	1.03	cps
Calcium	44-1	70194251	71832833	70472157	70833080	1.24	cps
Chromium	52-2	4264	4314	4174	4251	1.67	cps
Cobalt	59-2	2654	2797	2984	2811	5.89	cps
Copper	63-2	3867	3587	3657	3704	3.94	cps
Dysprosium	156-1	125	200	283	203	39.06	cps
Dysprosium	156-2	90	83	87	87	3.85	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	242	275	267	261	6.64	cps
Gadolinium	160-2	110	90	120	107	14.32	cps
Holmium	165-1	3041562	3139113	3091792	3090822	1.58	cps
Holmium	165-2	1483450	1496568	1497513	1492510	0.53	cps
Indium	115-1	3433151	3450032	3398978	3427387	0.76	cps
Indium	115-2	516309	521134	517832	518425	0.48	cps
Iron	54-2	9527349	9356476	9372360	9418728	1.00	cps
Iron	56-2	170260304	169283304	170624054	170055887	0.41	cps
Iron	57-2	4302913	4220565	4277478	4266985	0.99	cps
Krypton	83-1	437	383	440	420	7.57	cps
Lead	206-1	2322	2611	2417	2450	6.01	cps
Lead	207-1	1989	2084	2039	2037	2.32	cps
Lead	208-1	9396	9891	9146	9477	4.00	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	571902	581690	579459	577684	0.89	cps
Magnesium	24-2	26969683	26576101	26854333	26800039	0.75	cps
Manganese	55-2	2607	2687	2604	2632	1.79	cps
Molybdenum	94-1	2275	2034	1959	2089	7.92	cps
Molybdenum	95-1	3167	2559	2492	2739	13.58	cps
Molybdenum	96-1	3467	3392	2917	3259	9.15	cps
Molybdenum	97-1	1675	1483	1767	1642	8.81	cps
Molybdenum	98-1	4626	4259	3734	4206	10.66	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	1577	1503	1593	1558	3.07	cps
Phosphorus	31-2	158	225	242	208	21.17	cps
Potassium	39-2	11678033	11367060	11604915	11550003	1.41	cps
Rhodium	103-1	3222255	3289110	3247608	3252991	1.04	cps
Rhodium	103-2	1505153	1533320	1510175	1516216	0.99	cps
Scandium	45-1	2549035	2599828	2512009	2553624	1.73	cps
Scandium	45-2	85727	85030	84966	85241	0.50	cps
Selenium	82-1	-54	18	-35	-24	-157.13	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	65	52	42	53	21.77	cps
Silicon	28-1	954474	890262	905734	916823	3.66	cps
Silver	109-1	1667	1925	1658	1750	8.66	cps
Silver	107-1	1859	1884	1825	1856	1.58	cps
Sodium	23-2	53948576	53586072	53363674	53632774	0.55	cps
Strontium	86-1	6160	6285	6193	6213	1.04	cps
Strontium	88-1	48728	48100	48886	48571	0.86	cps
Sulfur	34-1	516133	524440	531728	524100	1.49	cps
Terbium	159-1	3358436	3409556	3363150	3377047	0.84	cps
Terbium	159-2	1518626	1501962	1496489	1505693	0.77	cps
Thallium	203-1	700	617	650	656	6.40	cps
Thallium	205-1	1775	1525	1267	1522	16.70	cps
Tin	118-1	492	383	442	439	12.35	cps
Titanium	47-1	1333	1233	1200	1256	5.53	cps
Uranium	238-1	642	542	350	511	29.00	cps
Vanadium	51-2	90	87	70	82	13.03	cps
Yttrium	89-1	5507606	5553978	5474789	5512124	0.72	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 10:37:29	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	593294	599400	599337	597344	0.59	cps
Zinc	66-2	1717	1543	1573	1611	5.75	cps
Zirconium	90-1	1742	1442	1450	1545	11.06	cps
Zirconium	91-1	400	383	483	422	12.69	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9337	9409	9573	9440	1.28	cps
Antimony	121-1	627869	642945	638749	636521	1.22	cps
Arsenic	75-2	26105	25146	25351	25534	1.98	cps
Barium	135-1	62855	63148	62286	62763	0.70	cps
Barium	137-1	109005	108374	108962	108780	0.32	cps
Beryllium	9-1	61824	63905	63457	63062	1.74	cps
Bismuth	209-1	1561219	1579686	1570439	1570448	0.59	cps
Bismuth	209-2	892157	896500	905699	898119	0.77	cps
Boron	10-1	27388	30511	30936	29612	6.54	cps
Boron	11-1	131973	141700	149265	140979	6.15	cps
Bromine	81-1	3164	3484	3204	3284	5.32	cps
Cadmium	111-1	77649	78353	77799	77934	0.48	cps
Cadmium	106-1	12631	13215	13040	12962	2.31	cps
Cadmium	108-1	7319	7327	7256	7301	0.53	cps
Calcium	43-1	20165	19898	19197	19753	2.53	cps
Calcium	44-1	1643907	1645873	1655450	1648410	0.37	cps
Chromium	52-2	89890	88894	90524	89770	0.92	cps
Cobalt	59-2	162011	158091	158873	159659	1.30	cps
Copper	63-2	122012	120621	121592	121409	0.59	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	50	67	67	61	15.75	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	3021240	2987144	2949279	2985888	1.21	cps
Holmium	165-2	1438442	1407044	1425778	1423755	1.11	cps
Indium	115-1	3485055	3473697	3458514	3472422	0.38	cps
Indium	115-2	512692	504098	518345	511712	1.40	cps
Iron	54-2	75783	72634	74773	74397	2.16	cps
Iron	56-2	1295611	1309316	1312288	1305738	0.68	cps
Iron	57-2	33128	31847	32777	32584	2.03	cps
Krypton	83-1	330	420	413	388	12.93	cps
Lead	206-1	264448	264562	265517	264842	0.22	cps
Lead	207-1	218419	221769	222353	220847	0.96	cps
Lead	208-1	1024581	1031007	1031256	1028948	0.37	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	569353	578601	572977	573644	0.81	cps
Magnesium	24-2	69357	65615	68721	67898	2.95	cps
Manganese	55-2	42169	41875	42804	42282	1.12	cps
Molybdenum	94-1	3166291	3225977	3155246	3182505	1.20	cps
Molybdenum	95-1	3926233	3935660	3885982	3915958	0.67	cps
Molybdenum	96-1	4329630	4287177	4236034	4284280	1.09	cps
Molybdenum	97-1	2418831	2426474	2419226	2421510	0.18	cps
Molybdenum	98-1	6163744	6235217	6231246	6210069	0.65	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43429	43694	43690	43604	0.35	cps
Phosphorus	31-2	183	200	208	197	6.45	cps
Potassium	39-2	122653	119124	123123	121633	1.80	cps
Rhodium	103-1	3408484	3430763	3449001	3429416	0.59	cps
Rhodium	103-2	1550227	1540812	1524673	1538570	0.84	cps
Scandium	45-1	2528043	2549276	2543341	2540220	0.43	cps
Scandium	45-2	86103	82974	84473	84517	1.85	cps
Selenium	82-1	10898	11350	11105	11118	2.04	cps
Selenium	77-2	353	283	377	338	14.38	cps
Selenium	78-2	1126	1123	1133	1127	0.46	cps
Silicon	28-1	1581278	1650445	1700660	1644128	3.65	cps
Silver	109-1	168651	173020	168251	169974	1.56	cps
Silver	107-1	180841	181447	180469	180919	0.27	cps
Sodium	23-2	281496	270222	279775	277164	2.19	cps
Strontium	86-1	503494	511539	504634	506555	0.86	cps
Strontium	88-1	4275643	4374583	4345427	4331884	1.17	cps
Sulfur	34-1	519398	519613	519927	519646	0.05	cps
Terbium	159-1	3317312	3303372	3335233	3318639	0.48	cps
Terbium	159-2	1433197	1410362	1456760	1433440	1.62	cps
Thallium	203-1	335491	335448	331661	334200	0.66	cps
Thallium	205-1	787389	787738	788233	787787	0.05	cps
Tin	118-1	1101468	1125562	1105823	1110951	1.16	cps
Titanium	47-1	1198014	1205760	1226026	1209933	1.20	cps
Uranium	238-1	2117993	2114336	2093350	2108560	0.63	cps
Vanadium	51-2	71384	71554	71997	71645	0.44	cps
Yttrium	89-1	5411717	5468053	5521910	5467227	1.01	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:05:41	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	587162	567332	586819	580438	1.96	cps
Zinc	66-2	32962	32116	32317	32465	1.36	cps
Zirconium	90-1	2627729	2615850	2642502	2628693	0.51	cps
Zirconium	91-1	584134	589493	587157	586928	0.46	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:29:13 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932	928	950	937	1.25	cps
Antimony	121-1	8	8	17	11	43.34	cps
Arsenic	75-2	6	11	8	8	30.20	cps
Barium	135-1	0	8	0	3	173.21	cps
Barium	137-1	0	8	8	6	86.60	cps
Beryllium	9-1	60	46	52	53	13.34	cps
Bismuth	209-1	1500200	1505504	1482657	1496120	0.80	cps
Bismuth	209-2	874113	876596	858771	869827	1.11	cps
Boron	10-1	794	862	732	796	8.17	cps
Boron	11-1	3804	3844	3720	3789	1.67	cps
Bromine	81-1	3043	3354	3454	3284	6.52	cps
Cadmium	111-1	1006	848	958	937	8.59	cps
Cadmium	106-1	1425	1200	1350	1325	8.65	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	892	792	892	858	6.73	cps
Calcium	44-1	1275812	1295965	1284277	1285351	0.79	cps
Chromium	52-2	523	607	570	567	7.37	cps
Cobalt	59-2	23	33	30	29	17.63	cps
Copper	63-2	667	720	700	696	3.87	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	50	0	28	91.65	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	2891788	2857655	2864441	2871295	0.63	cps
Holmium	165-2	1387175	1406640	1371732	1388516	1.26	cps
Indium	115-1	3332217	3356441	3353590	3347416	0.40	cps
Indium	115-2	498302	498384	496766	497817	0.18	cps
Iron	54-2	339	317	300	319	6.13	cps
Iron	56-2	2667	2945	3011	2874	6.36	cps
Iron	57-2	128	133	200	154	26.15	cps
Krypton	83-1	340	400	330	357	10.61	cps
Lead	206-1	217	233	256	235	8.30	cps
Lead	207-1	222	150	194	189	19.29	cps
Lead	208-1	939	794	822	852	9.00	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:29:13 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	551202	554645	544171	550006	0.97	cps
Magnesium	24-2	2984	2875	2759	2873	3.92	cps
Manganese	55-2	67	40	73	60	29.40	cps
Molybdenum	94-1	125	142	108	125	13.33	cps
Molybdenum	95-1	17	42	50	36	48.03	cps
Molybdenum	96-1	117	75	33	75	55.56	cps
Molybdenum	97-1	117	83	58	86	33.99	cps
Molybdenum	98-1	92	33	25	50	72.65	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	97	110	90	26.71	cps
Phosphorus	31-2	258	233	133	208	31.75	cps
Potassium	39-2	30675	30090	30274	30346	0.99	cps
Rhodium	103-1	3218421	3193568	3280043	3230677	1.38	cps
Rhodium	103-2	1504394	1512223	1510779	1509132	0.28	cps
Scandium	45-1	2428057	2429672	2401258	2419662	0.66	cps
Scandium	45-2	80695	83162	81245	81701	1.59	cps
Selenium	82-1	7	-46	77	13	479.52	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	39	45	51	45	13.34	cps
Silicon	28-1	683361	682537	684900	683599	0.18	cps
Silver	109-1	50	17	17	28	69.27	cps
Silver	107-1	0	17	17	11	86.60	cps
Sodium	23-2	59555	61212	59697	60155	1.53	cps
Strontium	86-1	617	617	542	592	7.32	cps
Strontium	88-1	75	108	92	92	18.18	cps
Sulfur	34-1	495764	505320	500886	500657	0.96	cps
Terbium	159-1	3131339	3192034	3205075	3176149	1.24	cps
Terbium	159-2	1390661	1412716	1370250	1391209	1.53	cps
Thallium	203-1	17	58	0	25	120.18	cps
Thallium	205-1	75	67	92	78	16.37	cps
Tin	118-1	417	333	367	372	11.27	cps
Titanium	47-1	1150	1050	1017	1072	6.47	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Yttrium	89-1	5217046	5182183	5199548	5199592	0.34	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:29:13	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	569219	557772	562520	563171	1.02	cps
Zinc	66-2	100	160	150	137	23.52	cps
Zirconium	90-1	250	258	183	231	17.83	cps
Zirconium	91-1	42	75	58	58	28.57	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:32:05 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1619429	1556615	1600894	1592313	2.03	cps
Antimony	121-1	3284	3751	4009	3681	9.99	cps
Arsenic	75-2	39	48	50	46	12.84	cps
Barium	135-1	842	892	1000	911	8.88	cps
Barium	137-1	1483	1625	1592	1567	4.73	cps
Beryllium	9-1	182	230	202	205	11.78	cps
Bismuth	209-1	1499041	1527392	1529574	1518669	1.12	cps
Bismuth	209-2	869181	899286	864007	877491	2.17	cps
Boron	10-1	816	938	896	883	7.02	cps
Boron	11-1	4296	4216	4044	4185	3.08	cps
Bromine	81-1	3224	3915	4686	3941	18.56	cps
Cadmium	111-1	1092	1103	1243	1146	7.36	cps
Cadmium	106-1	1317	1225	1492	1345	10.08	cps
Cadmium	108-1	471	388	400	419	10.71	cps
Calcium	43-1	809753	831929	846634	829438	2.24	cps
Calcium	44-1	16227986	16841763	16874702	16648150	2.19	cps
Chromium	52-2	17885	17521	18142	17849	1.75	cps
Cobalt	59-2	1813	1950	1730	1831	6.07	cps
Copper	63-2	10671	10551	10844	10689	1.38	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	10	0	23	11	105.35	cps
Holmium	165-1	3003899	2998082	3044214	3015398	0.83	cps
Holmium	165-2	1416009	1466258	1393750	1425339	2.61	cps
Indium	115-1	3386495	3378043	3419568	3394702	0.65	cps
Indium	115-2	502556	516127	490507	503064	2.55	cps
Iron	54-2	3644871	3603451	3596192	3614838	0.73	cps
Iron	56-2	65304056	64861353	66009385	65391598	0.89	cps
Iron	57-2	1681499	1639711	1629982	1650397	1.66	cps
Krypton	83-1	350	417	333	367	12.03	cps
Lead	206-1	5796	5979	6780	6185	8.46	cps
Lead	207-1	4356	4962	5557	4958	12.11	cps
Lead	208-1	21007	22992	25555	23184	9.83	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:32:05	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	560793	562538	557233	560188	0.48	cps
Magnesium	24-2	5091862	4991893	5067587	5050447	1.03	cps
Manganese	55-2	2890	3020	3237	3049	5.74	cps
Molybdenum	94-1	1621990	1689970	1665919	1659293	2.08	cps
Molybdenum	95-1	2819351	2914921	2867390	2867220	1.67	cps
Molybdenum	96-1	2977189	3030345	3124873	3044135	2.46	cps
Molybdenum	97-1	1759216	1785173	1804877	1783088	1.28	cps
Molybdenum	98-1	4405515	4549657	4650437	4535203	2.71	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	2480	2354	2284	2372	4.20	cps
Phosphorus	31-2	129029	124549	126179	126586	1.79	cps
Potassium	39-2	4411810	4342673	4449957	4401480	1.24	cps
Rhodium	103-1	3249922	3266451	3305206	3273860	0.87	cps
Rhodium	103-2	1519500	1546060	1488924	1518161	1.88	cps
Scandium	45-1	2412377	2488326	2512193	2470966	2.11	cps
Scandium	45-2	82069	84350	82941	83120	1.38	cps
Selenium	82-1	27	-61	62	9	699.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	48	61	54	12.40	cps
Silicon	28-1	753328	754215	759039	755527	0.41	cps
Silver	109-1	25	50	100	58	65.47	cps
Silver	107-1	50	25	125	67	78.07	cps
Sodium	23-2	10733433	10521121	10745070	10666541	1.18	cps
Strontium	86-1	33123	33800	35554	34159	3.67	cps
Strontium	88-1	281453	290691	291721	287955	1.96	cps
Sulfur	34-1	1492121	1447063	1472512	1470565	1.54	cps
Terbium	159-1	3218997	3353502	3280370	3284290	2.05	cps
Terbium	159-2	1443129	1461901	1398106	1434379	2.29	cps
Thallium	203-1	200	175	208	194	8.92	cps
Thallium	205-1	342	433	458	411	14.94	cps
Tin	118-1	1200	1058	1383	1214	13.42	cps
Titanium	47-1	884453	901421	912986	899620	1.60	cps
Uranium	238-1	58	75	33	56	37.75	cps
Vanadium	51-2	123	127	120	123	2.70	cps
Yttrium	89-1	5319122	5436351	5442189	5399220	1.29	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:32:05	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	581599	595616	562655	579957	2.85	cps
Zinc	66-2	2074	1937	1977	1996	3.52	cps
Zirconium	90-1	242	317	283	281	13.40	cps
Zirconium	91-1	58	100	92	83	26.46	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1600064	1573210	1605434	1592902	1.08	cps
Antimony	121-1	64988	67015	68732	66912	2.80	cps
Arsenic	75-2	2536	2501	2522	2520	0.70	cps
Barium	135-1	13799	13274	12915	13329	3.34	cps
Barium	137-1	22394	23012	23170	22859	1.79	cps
Beryllium	9-1	12205	12409	12355	12323	0.86	cps
Bismuth	209-1	1500572	1558721	1545566	1534953	1.99	cps
Bismuth	209-2	909487	941464	820395	890449	7.05	cps
Boron	10-1	3902	4300	4240	4147	5.17	cps
Boron	11-1	18768	19445	19984	19399	3.14	cps
Bromine	81-1	4335	3925	4365	4208	5.85	cps
Cadmium	111-1	14919	15287	16091	15432	3.88	cps
Cadmium	106-1	3034	3142	3309	3162	4.38	cps
Cadmium	108-1	1629	1517	1625	1590	4.01	cps
Calcium	43-1	818952	844882	851433	838422	2.05	cps
Calcium	44-1	16307061	16775737	16951971	16678256	2.00	cps
Chromium	52-2	36670	34635	35187	35497	2.96	cps
Cobalt	59-2	33523	32667	33185	33125	1.30	cps
Copper	63-2	34970	34489	34586	34681	0.73	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	17	58	25	33	66.13	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	50	58	8	39	68.89	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	2977083	3012935	3070354	3020124	1.56	cps
Holmium	165-2	1488499	1543134	1340251	1457295	7.20	cps
Indium	115-1	3417887	3442308	3439791	3433329	0.39	cps
Indium	115-2	531801	549207	476455	519155	7.32	cps
Iron	54-2	3630419	3521033	3650307	3600586	1.93	cps
Iron	56-2	66336442	63804846	65098093	65079794	1.95	cps
Iron	57-2	1673833	1611885	1662539	1649419	2.00	cps
Krypton	83-1	427	360	440	409	10.48	cps
Lead	206-1	29539	30725	31177	30480	2.77	cps
Lead	207-1	25024	25102	25648	25258	1.35	cps
Lead	208-1	113860	117357	118594	116604	2.11	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	546928	558208	545674	550270	1.25	cps
Magnesium	24-2	5112086	5019826	5140796	5090902	1.24	cps
Manganese	55-2	11305	10931	11388	11208	2.17	cps
Molybdenum	94-1	1744874	1779625	1788961	1771153	1.31	cps
Molybdenum	95-1	2899853	2951991	2946121	2932655	0.97	cps
Molybdenum	96-1	3063387	3144724	3140878	3116330	1.47	cps
Molybdenum	97-1	1774850	1815050	1790231	1793377	1.13	cps
Molybdenum	98-1	4553894	4671055	4626446	4617131	1.28	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	10918	10831	10974	10908	0.66	cps
Phosphorus	31-2	127717	123036	126289	125681	1.91	cps
Potassium	39-2	4505684	4316757	4481550	4434664	2.32	cps
Rhodium	103-1	3223084	3269197	3302598	3264959	1.22	cps
Rhodium	103-2	1539265	1630455	1422292	1530671	6.82	cps
Scandium	45-1	2534488	2570324	2519162	2541325	1.03	cps
Scandium	45-2	85909	90405	79512	85275	6.42	cps
Selenium	82-1	945	1057	956	986	6.27	cps
Selenium	77-2	43	67	27	46	44.10	cps
Selenium	78-2	139	155	162	152	7.76	cps
Silicon	28-1	856232	861727	872393	863451	0.95	cps
Silver	109-1	63614	65138	63915	64222	1.26	cps
Silver	107-1	66594	69517	69417	68510	2.42	cps
Sodium	23-2	10671434	10584330	10824440	10693401	1.14	cps
Strontium	86-1	81781	83164	83382	82776	1.05	cps
Strontium	88-1	691952	731372	707649	710325	2.79	cps
Sulfur	34-1	1403804	1433723	1463523	1433683	2.08	cps
Terbium	159-1	3295521	3332940	3241576	3290012	1.40	cps
Terbium	159-2	1509137	1553176	1341685	1468000	7.60	cps
Thallium	203-1	28532	30662	29509	29568	3.61	cps
Thallium	205-1	69772	71648	71289	70903	1.40	cps
Tin	118-1	108302	110980	112494	110592	1.92	cps
Titanium	47-1	920310	958107	930585	936334	2.09	cps
Uranium	238-1	188480	194374	193946	192267	1.71	cps
Vanadium	51-2	14671	14467	14347	14495	1.13	cps
Yttrium	89-1	5331580	5472594	5413697	5405957	1.31	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:34:53	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	611479	618449	543066	590998	7.05	cps
Zinc	66-2	5454	5091	5308	5284	3.46	cps
Zirconium	90-1	259909	264515	266058	263494	1.21	cps
Zirconium	91-1	56717	59017	58900	58211	2.23	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924350	923471	922865	923562	0.08	cps
Antimony	121-1	1627505	1668221	1671780	1655835	1.49	cps
Arsenic	75-2	69922	68932	68696	69183	0.94	cps
Barium	135-1	1560293	1571521	1638402	1590072	2.66	cps
Barium	137-1	2737541	2807358	2846037	2796979	1.97	cps
Beryllium	9-1	316872	325299	325503	322558	1.53	cps
Bismuth	209-1	1498427	1519606	1547003	1521679	1.60	cps
Bismuth	209-2	939874	902730	881880	908161	3.23	cps
Boron	10-1	21165	24271	26274	23903	10.77	cps
Boron	11-1	99194	114732	126430	113452	12.04	cps
Bromine	81-1	3544	3694	3865	3701	4.33	cps
Cadmium	111-1	364063	379917	383808	375929	2.78	cps
Cadmium	106-1	39750	41756	40293	40599	2.56	cps
Cadmium	108-1	26881	27557	27766	27401	1.69	cps
Calcium	43-1	2124924	2121916	2169692	2138844	1.25	cps
Calcium	44-1	35482522	36029682	36016566	35842924	0.87	cps
Chromium	52-2	474884	474853	472869	474202	0.24	cps
Cobalt	59-2	820780	829231	828179	826063	0.56	cps
Copper	63-2	5941743	6013416	6011137	5988766	0.68	cps
Dysprosium	156-1	67	117	133	106	32.87	cps
Dysprosium	156-2	43	33	60	46	29.58	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	167	108	92	122	32.22	cps
Gadolinium	160-2	77	57	47	60	25.46	cps
Holmium	165-1	3021587	3105986	3107340	3078304	1.60	cps
Holmium	165-2	1549280	1495161	1456262	1500235	3.11	cps
Indium	115-1	3346050	3349195	3460002	3385082	1.92	cps
Indium	115-2	548301	522513	505077	525297	4.14	cps
Iron	54-2	4697825	4644605	4606293	4649574	0.99	cps
Iron	56-2	85219413	84782369	83010460	84337414	1.39	cps
Iron	57-2	2159848	2127854	2095707	2127803	1.51	cps
Krypton	83-1	407	373	337	372	9.41	cps
Lead	206-1	3246552	3274877	3326593	3282674	1.24	cps
Lead	207-1	2851630	2979633	3039495	2956919	3.25	cps
Lead	208-1	12899327	13240169	13324766	13154754	1.71	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	544706	549273	562461	552146	1.67	cps
Magnesium	24-2	13518266	13467218	13317767	13434417	0.78	cps
Manganese	55-2	2180359	2174424	2145915	2166899	0.85	cps
Molybdenum	94-1	3107468	3236420	3297976	3213955	3.02	cps
Molybdenum	95-1	3920412	4099419	4105256	4041696	2.60	cps
Molybdenum	96-1	4378006	4413258	4442553	4411272	0.73	cps
Molybdenum	97-1	2391564	2510214	2506894	2469557	2.74	cps
Molybdenum	98-1	6193582	6451745	6334501	6326610	2.04	cps
Neodymium	150-1	53	60	67	60	11.12	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	221392	223839	222940	222723	0.56	cps
Phosphorus	31-2	13590	14399	14549	14180	3.64	cps
Potassium	39-2	5979483	5941953	5936477	5952638	0.39	cps
Rhodium	103-1	3215001	3251615	3261459	3242692	0.75	cps
Rhodium	103-2	1594564	1563015	1513611	1557063	2.62	cps
Scandium	45-1	2543440	2512264	2536400	2530701	0.65	cps
Scandium	45-2	89340	89044	85057	87814	2.72	cps
Selenium	82-1	27382	28045	28025	27818	1.36	cps
Selenium	77-2	790	883	763	812	7.76	cps
Selenium	78-2	2794	2891	2942	2875	2.62	cps
Silicon	28-1	1582314	1661892	1656742	1633649	2.73	cps
Silver	109-1	1775019	1792097	1848846	1805321	2.14	cps
Silver	107-1	1860485	1926326	1892753	1893188	1.74	cps
Sodium	23-2	27306334	27239593	27100043	27215324	0.39	cps
Strontium	86-1	509317	520828	518882	516342	1.19	cps
Strontium	88-1	4376664	4514422	4516351	4469146	1.79	cps
Sulfur	34-1	623639	645758	654605	641334	2.49	cps
Terbium	159-1	3235853	3313002	3324906	3291254	1.47	cps
Terbium	159-2	1544147	1494204	1454378	1497576	3.00	cps
Thallium	203-1	763519	794278	785199	780999	2.02	cps
Thallium	205-1	1814001	1847565	1849702	1837089	1.09	cps
Tin	118-1	1094592	1128863	1147469	1123642	2.39	cps
Titanium	47-1	1191428	1205938	1224610	1207325	1.38	cps
Uranium	238-1	1980638	2040317	2046202	2022386	1.79	cps
Vanadium	51-2	388438	390406	388191	389011	0.31	cps
Yttrium	89-1	5417738	5439927	5445166	5434277	0.27	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:37:43	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	627974	604999	588309	607094	3.28	cps
Zinc	66-2	839436	851236	847404	846026	0.71	cps
Zirconium	90-1	2692478	2713150	2752067	2719232	1.11	cps
Zirconium	91-1	596169	603467	611829	603822	1.30	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : CCB006 Instrumnet Name : P8
 Client Sample ID : CCB006 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:44:09 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	902	946	828	892	6.69	cps
Antimony	121-1	75	150	133	119	32.97	cps
Arsenic	75-2	5	10	8	8	32.83	cps
Barium	135-1	25	42	0	22	94.38	cps
Barium	137-1	8	8	8	8	0.00	cps
Beryllium	9-1	48	50	50	49	2.34	cps
Bismuth	209-1	1489996	1524988	1585171	1533385	3.14	cps
Bismuth	209-2	842870	864905	867960	858578	1.59	cps
Boron	10-1	1416	1332	1364	1370	3.09	cps
Boron	11-1	6302	6154	6360	6272	1.69	cps
Bromine	81-1	3184	3174	3184	3180	0.18	cps
Cadmium	111-1	844	947	870	887	6.03	cps
Cadmium	106-1	1208	1342	1242	1264	5.49	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	1825	1750	1758	1778	2.31	cps
Calcium	44-1	1307548	1318185	1320348	1315360	0.52	cps
Chromium	52-2	520	553	633	569	10.24	cps
Cobalt	59-2	33	20	37	30	29.40	cps
Copper	63-2	997	957	987	980	2.12	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	2905159	2944286	3035544	2961663	2.26	cps
Holmium	165-2	1321159	1345094	1380729	1348994	2.22	cps
Indium	115-1	3227059	3353390	3477926	3352792	3.74	cps
Indium	115-2	487332	496163	492024	491840	0.90	cps
Iron	54-2	356	333	350	346	3.34	cps
Iron	56-2	2939	2656	3078	2891	7.44	cps
Iron	57-2	156	167	150	157	5.39	cps
Krypton	83-1	410	387	443	413	6.89	cps
Lead	206-1	644	644	650	646	0.50	cps
Lead	207-1	583	550	539	557	4.15	cps
Lead	208-1	2517	2533	2639	2563	2.59	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:44:09	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	529196	544081	549023	540767	1.91	cps
Magnesium	24-2	3000	2859	2950	2936	2.45	cps
Manganese	55-2	50	63	53	56	12.49	cps
Molybdenum	94-1	283	142	200	208	34.18	cps
Molybdenum	95-1	233	100	108	147	50.73	cps
Molybdenum	96-1	425	183	175	261	54.38	cps
Molybdenum	97-1	183	167	75	142	41.18	cps
Molybdenum	98-1	342	175	200	239	37.62	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	67	90	87	81	15.56	cps
Phosphorus	31-2	258	200	183	214	18.41	cps
Potassium	39-2	31685	31151	31644	31493	0.94	cps
Rhodium	103-1	3217454	3292944	3377673	3296024	2.43	cps
Rhodium	103-2	1460759	1517586	1488747	1489031	1.91	cps
Scandium	45-1	2403184	2415805	2474686	2431225	1.57	cps
Scandium	45-2	78550	80873	82090	80504	2.23	cps
Selenium	82-1	-59	-58	-71	-63	-10.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	46	56	64	55	16.31	cps
Silicon	28-1	668148	666463	673201	669271	0.52	cps
Silver	109-1	67	75	67	69	6.93	cps
Silver	107-1	58	92	117	89	32.93	cps
Sodium	23-2	66259	65598	66903	66253	0.99	cps
Strontium	86-1	608	600	608	606	0.79	cps
Strontium	88-1	150	83	92	108	33.53	cps
Sulfur	34-1	503171	507850	508000	506340	0.54	cps
Terbium	159-1	3088968	3128752	3324741	3180820	3.97	cps
Terbium	159-2	1341899	1368918	1386295	1365704	1.64	cps
Thallium	203-1	192	158	225	192	17.39	cps
Thallium	205-1	508	358	483	450	17.86	cps
Tin	118-1	483	350	342	392	20.30	cps
Titanium	47-1	1083	992	1117	1064	6.08	cps
Uranium	238-1	33	25	0	19	89.21	cps
Vanadium	51-2	27	20	37	28	30.20	cps
Yttrium	89-1	5132085	5134879	5422212	5229725	3.19	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P8
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:44:09	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	554986	560677	556264	557309	0.54	cps
Zinc	66-2	160	230	183	191	18.65	cps
Zirconium	90-1	283	267	225	258	11.63	cps
Zirconium	91-1	67	17	42	42	60.00	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302025	301262	301510	301599	0.13	cps
Antimony	121-1	742	700	892	778	12.96	cps
Arsenic	75-2	282	269	292	281	4.10	cps
Barium	135-1	337017	345615	347430	343354	1.62	cps
Barium	137-1	594045	601571	599276	598297	0.64	cps
Beryllium	9-1	488	454	434	459	5.95	cps
Bismuth	209-1	1556981	1557991	1605502	1573491	1.76	cps
Bismuth	209-2	950878	950230	936563	945890	0.85	cps
Boron	10-1	15679	18354	19397	17810	10.77	cps
Boron	11-1	77676	89542	94854	87358	10.07	cps
Bromine	81-1	80532	93222	106620	93458	13.96	cps
Cadmium	111-1	1296	1094	1187	1192	8.47	cps
Cadmium	106-1	1483	1283	1408	1392	7.26	cps
Cadmium	108-1	38	54	46	46	18.19	cps
Calcium	43-1	372800	379482	374985	375756	0.91	cps
Calcium	44-1	7169513	7373003	7226511	7256342	1.45	cps
Chromium	52-2	63691	63661	62646	63333	0.94	cps
Cobalt	59-2	42925	42577	42059	42520	1.03	cps
Copper	63-2	181394	183807	180613	181938	0.92	cps
Dysprosium	156-1	8186	7852	7536	7858	4.14	cps
Dysprosium	156-2	3571	3420	3627	3539	3.02	cps
Erbium	164-1	8211	7511	7552	7758	5.06	cps
Erbium	164-2	3741	3647	3597	3662	1.99	cps
Gadolinium	160-1	7986	7619	7469	7691	3.46	cps
Gadolinium	160-2	4087	4044	3957	4030	1.64	cps
Holmium	165-1	3040391	3070536	3200940	3103956	2.75	cps
Holmium	165-2	1567305	1546467	1520575	1544782	1.52	cps
Indium	115-1	3429730	3431154	3619142	3493342	3.12	cps
Indium	115-2	553382	549980	538964	547442	1.38	cps
Iron	54-2	1527442	1585550	1548016	1553669	1.90	cps
Iron	56-2	28358546	28228608	27786035	28124396	1.07	cps
Iron	57-2	695157	697495	689888	694180	0.56	cps
Krypton	83-1	400	430	363	398	8.39	cps
Lead	206-1	16839	17317	17440	17199	1.85	cps
Lead	207-1	14036	14442	14658	14379	2.20	cps
Lead	208-1	66072	66394	66160	66209	0.25	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	579305	576234	587288	580942	0.98	cps
Magnesium	24-2	2369726	2327177	2360908	2352604	0.95	cps
Manganese	55-2	922711	908506	913960	915059	0.78	cps
Molybdenum	94-1	10679	11155	10588	10807	2.82	cps
Molybdenum	95-1	10463	10246	10029	10246	2.12	cps
Molybdenum	96-1	12005	11981	11972	11986	0.14	cps
Molybdenum	97-1	6068	6327	6235	6210	2.11	cps
Molybdenum	98-1	16035	16076	15793	15968	0.96	cps
Neodymium	150-1	10097	10344	10538	10326	2.14	cps
Neodymium	150-2	3457	3607	3584	3549	2.27	cps
Nickel	60-2	15705	15465	15448	15540	0.93	cps
Phosphorus	31-2	1208	1092	1192	1164	5.42	cps
Potassium	39-2	360417	362688	362330	361812	0.34	cps
Rhodium	103-1	3331181	3279507	3457153	3355947	2.72	cps
Rhodium	103-2	1637721	1654546	1636044	1642770	0.62	cps
Scandium	45-1	2641528	2654899	2729489	2675306	1.77	cps
Scandium	45-2	93093	91992	91523	92203	0.87	cps
Selenium	82-1	47	28	55	43	32.11	cps
Selenium	77-2	23	10	20	18	39.03	cps
Selenium	78-2	60	55	43	53	16.60	cps
Silicon	28-1	75198727	75863498	74718441	75260222	0.76	cps
Silver	109-1	700	575	592	622	10.91	cps
Silver	107-1	658	700	692	683	3.23	cps
Sodium	23-2	26065523	25705663	25536579	25769255	1.05	cps
Strontium	86-1	693882	694762	701932	696859	0.63	cps
Strontium	88-1	5936319	5997254	5909702	5947758	0.75	cps
Sulfur	34-1	520658	503633	501522	508604	2.06	cps
Terbium	159-1	3387563	3342588	3476928	3402360	2.01	cps
Terbium	159-2	1557372	1567668	1544361	1556467	0.75	cps
Thallium	203-1	292	217	325	278	19.98	cps
Thallium	205-1	717	667	542	642	14.05	cps
Tin	118-1	642	683	750	692	7.90	cps
Titanium	47-1	223474	224786	225712	224657	0.50	cps
Uranium	238-1	6969	7194	7544	7236	4.01	cps
Vanadium	51-2	75458	75880	74851	75396	0.69	cps
Yttrium	89-1	5775013	5579976	5854751	5736580	2.46	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	L3339-04	Instrumnet Name :	P8
Client Sample ID :	MBFS28	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:46:59	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	655550	643353	636229	645044	1.51	cps
Zinc	66-2	37887	37489	37312	37563	0.78	cps
Zirconium	90-1	14124	13891	14358	14124	1.65	cps
Zirconium	91-1	2950	3159	3250	3120	4.93	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : CCV007 Instrumnet Name : P8
 Client Sample ID : CCV007 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:52:45 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	948186	948272	947575	948011	0.04	cps
Antimony	121-1	1696638	1685413	1713809	1698620	0.84	cps
Arsenic	75-2	70730	70041	69978	70249	0.59	cps
Barium	135-1	1619609	1637983	1611788	1623127	0.83	cps
Barium	137-1	2782480	2812734	2822205	2805807	0.74	cps
Beryllium	9-1	326218	330159	334033	330137	1.18	cps
Bismuth	209-1	1530586	1529083	1542694	1534121	0.49	cps
Bismuth	209-2	908080	945412	883486	912326	3.42	cps
Boron	10-1	25142	27785	29461	27463	7.93	cps
Boron	11-1	119446	133950	140712	131369	8.27	cps
Bromine	81-1	6088	6408	6178	6224	2.66	cps
Cadmium	111-1	374127	385646	380772	380182	1.52	cps
Cadmium	106-1	39566	41538	41555	40886	2.80	cps
Cadmium	108-1	27152	27953	28363	27823	2.21	cps
Calcium	43-1	2116196	2136492	2211170	2154619	2.32	cps
Calcium	44-1	35158404	35369825	36813095	35780441	2.52	cps
Chromium	52-2	487259	486192	481433	484962	0.64	cps
Cobalt	59-2	850496	832649	835225	839457	1.15	cps
Copper	63-2	6039527	6013911	6011049	6021496	0.26	cps
Dysprosium	156-1	117	125	100	114	11.18	cps
Dysprosium	156-2	47	50	50	49	3.93	cps
Erbium	164-1	67	17	17	33	86.59	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	100	150	92	114	27.70	cps
Gadolinium	160-2	53	27	63	48	39.66	cps
Holmium	165-1	3031282	3082371	3117035	3076896	1.40	cps
Holmium	165-2	1506949	1566695	1467585	1513743	3.30	cps
Indium	115-1	3441295	3442465	3429060	3437607	0.22	cps
Indium	115-2	522443	542610	508938	524664	3.23	cps
Iron	54-2	4866598	4722156	4829035	4805930	1.56	cps
Iron	56-2	87512996	86437699	86701160	86883952	0.65	cps
Iron	57-2	2187487	2183606	2216476	2195856	0.82	cps
Krypton	83-1	407	417	483	436	9.57	cps
Lead	206-1	3325137	3346628	3328857	3333541	0.34	cps
Lead	207-1	3006556	3005699	3041371	3017875	0.67	cps
Lead	208-1	13240740	13389782	13333665	13321396	0.57	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:52:45	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	579035	572023	574515	575191	0.62	cps
Magnesium	24-2	13863897	13901731	13988129	13917919	0.46	cps
Manganese	55-2	2315331	2194585	2229894	2246603	2.76	cps
Molybdenum	94-1	3254070	3231410	3299814	3261765	1.07	cps
Molybdenum	95-1	4000324	3993520	4026492	4006779	0.43	cps
Molybdenum	96-1	4374422	4402768	4377941	4385044	0.35	cps
Molybdenum	97-1	2414936	2483900	2504379	2467738	1.90	cps
Molybdenum	98-1	6226760	6293531	6408333	6309542	1.46	cps
Neodymium	150-1	60	87	33	60	44.45	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	227512	225316	226209	226345	0.49	cps
Phosphorus	31-2	14082	14533	14633	14416	2.03	cps
Potassium	39-2	6035914	6162358	6201167	6133146	1.41	cps
Rhodium	103-1	3263635	3241874	3256796	3254102	0.34	cps
Rhodium	103-2	1574878	1630944	1515063	1573628	3.68	cps
Scandium	45-1	2564007	2530423	2574446	2556292	0.90	cps
Scandium	45-2	88815	91312	85486	88538	3.30	cps
Selenium	82-1	27433	28296	28234	27988	1.72	cps
Selenium	77-2	787	937	870	864	8.69	cps
Selenium	78-2	2981	2848	2991	2940	2.72	cps
Silicon	28-1	1653593	1726402	1742919	1707638	2.78	cps
Silver	109-1	1800235	1817297	1788796	1802109	0.80	cps
Silver	107-1	1876420	1923307	1911669	1903799	1.28	cps
Sodium	23-2	28109124	28223294	28157739	28163386	0.20	cps
Strontium	86-1	506871	528072	533925	522956	2.72	cps
Strontium	88-1	4297421	4528145	4561328	4462298	3.22	cps
Sulfur	34-1	670296	672909	668476	670560	0.33	cps
Terbium	159-1	3387655	3396203	3342735	3375531	0.85	cps
Terbium	159-2	1499416	1589877	1470922	1520072	4.09	cps
Thallium	203-1	775577	786788	801048	787804	1.62	cps
Thallium	205-1	1863242	1857730	1861223	1860732	0.15	cps
Tin	118-1	1127129	1135696	1148011	1136945	0.92	cps
Titanium	47-1	1209648	1206616	1229497	1215254	1.02	cps
Uranium	238-1	2004701	2019600	2050115	2024805	1.14	cps
Vanadium	51-2	403347	394139	397716	398400	1.17	cps
Yttrium	89-1	5439477	5521395	5513760	5491544	0.82	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P8
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:52:45	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	616013	634335	588679	613009	3.75	cps
Zinc	66-2	869994	866431	858025	864817	0.71	cps
Zirconium	90-1	2726605	2742439	2757983	2742342	0.57	cps
Zirconium	91-1	596854	609146	606507	604169	1.07	cps

LB Number : LB110146 Operator : Jaswal
 Lab Sample ID : CCB007 Instrumnet Name : P8
 Client Sample ID : CCB007 Dilution Factor : 1
 Date & Time Acquired :: 2020-07-22 11:57:04 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834	944	858	879	6.58	cps
Antimony	121-1	117	142	250	169	41.83	cps
Arsenic	75-2	10	7	9	9	17.63	cps
Barium	135-1	25	17	17	19	24.73	cps
Barium	137-1	75	8	50	44	75.78	cps
Beryllium	9-1	62	70	56	63	11.21	cps
Bismuth	209-1	1251665	1522240	1630747	1468217	13.30	cps
Bismuth	209-2	873459	882251	887192	880967	0.79	cps
Boron	10-1	3008	3024	2958	2996	1.15	cps
Boron	11-1	14474	14128	13904	14169	2.03	cps
Bromine	81-1	4185	4295	3935	4138	4.46	cps
Cadmium	111-1	710	857	965	844	15.22	cps
Cadmium	106-1	1000	1233	1392	1208	16.31	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Calcium	43-1	2059	1792	1867	1906	7.22	cps
Calcium	44-1	1332790	1343316	1338692	1338266	0.39	cps
Chromium	52-2	593	600	530	574	6.73	cps
Cobalt	59-2	27	33	30	30	11.10	cps
Copper	63-2	1480	1387	1303	1390	6.36	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	42	50	17	36	48.03	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Holmium	165-1	2440307	2891623	3138747	2823559	12.54	cps
Holmium	165-2	1409628	1405986	1382505	1399373	1.05	cps
Indium	115-1	2755588	3369149	3587954	3237564	13.33	cps
Indium	115-2	505472	508539	506303	506771	0.31	cps
Iron	54-2	328	328	333	330	0.97	cps
Iron	56-2	3017	3084	3206	3102	3.09	cps
Iron	57-2	189	139	111	146	26.94	cps
Krypton	83-1	413	410	350	391	9.11	cps
Lead	206-1	806	872	950	876	8.25	cps
Lead	207-1	756	828	683	756	9.56	cps
Lead	208-1	3545	3578	3484	3535	1.35	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:57:04	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	478407	551507	577668	535861	9.60	cps
Magnesium	24-2	2634	2775	2450	2620	6.22	cps
Manganese	55-2	73	80	67	73	9.09	cps
Molybdenum	94-1	283	292	258	278	6.25	cps
Molybdenum	95-1	450	450	408	436	5.52	cps
Molybdenum	96-1	408	492	367	422	15.07	cps
Molybdenum	97-1	167	275	225	222	24.40	cps
Molybdenum	98-1	642	692	475	603	18.82	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	103	87	101	13.32	cps
Phosphorus	31-2	275	192	167	211	26.87	cps
Potassium	39-2	31059	30900	31677	31212	1.31	cps
Rhodium	103-1	2699317	3274153	3458207	3143892	12.59	cps
Rhodium	103-2	1515962	1534378	1529110	1526484	0.62	cps
Scandium	45-1	2052361	2404771	2617973	2358368	12.11	cps
Scandium	45-2	84627	82126	81922	82892	1.82	cps
Selenium	82-1	83	-38	39	28	220.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	46	35	44	18.61	cps
Silicon	28-1	703817	699438	697494	700250	0.46	cps
Silver	109-1	50	50	50	50	0.00	cps
Silver	107-1	67	100	67	78	24.74	cps
Sodium	23-2	65280	65564	64660	65168	0.71	cps
Strontium	86-1	683	625	625	644	5.23	cps
Strontium	88-1	125	50	83	86	43.64	cps
Sulfur	34-1	514569	519610	517671	517283	0.49	cps
Terbium	159-1	2644477	3162612	3417590	3074893	12.81	cps
Terbium	159-2	1414223	1406014	1391418	1403885	0.82	cps
Thallium	203-1	192	258	192	214	17.99	cps
Thallium	205-1	583	492	458	511	12.66	cps
Tin	118-1	392	450	467	436	9.03	cps
Titanium	47-1	967	1067	1075	1036	5.82	cps
Uranium	238-1	0	0	17	6	173.21	cps
Vanadium	51-2	13	13	20	16	24.76	cps
Yttrium	89-1	4405792	5262370	5474839	5047667	11.21	cps

LB Number :	LB110146	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P8
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired ::	2020-07-22 11:57:04	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	571655	583441	570373	575156	1.25	cps
Zinc	66-2	277	203	230	237	15.68	cps
Zirconium	90-1	258	292	258	269	7.14	cps
Zirconium	91-1	92	58	83	78	22.31	cps