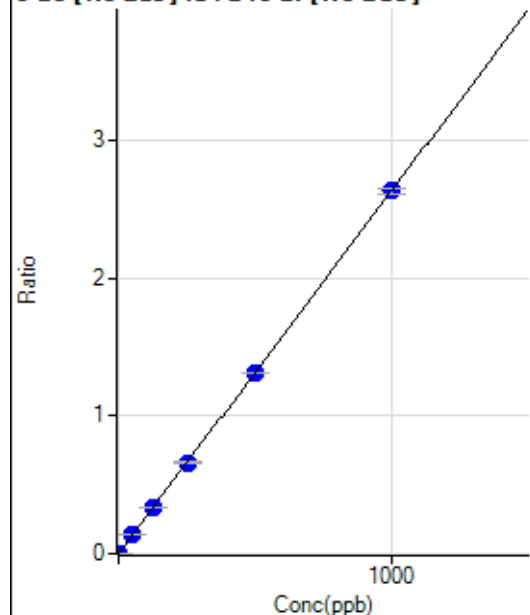


Batch Folder: D:\ICP-MS Data\P71105 2019MS.b\
Analysis File: P71105 2019MS.batch.bin
DA Date-Time: 2019-11-05 20:17:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-11-05 14:04:44
2			
3	005CALS.d	S02	2019-11-05 14:12:15
4	006CALS.d	S03	2019-11-05 14:16:10
5	007CALS.d	S04	2019-11-05 14:20:05
6	008CALS.d	S05	2019-11-05 14:23:57
7	009CALS.d	S06	2019-11-05 14:27:46
8	012CALS.d	S07	2019-11-05 14:43:08
9	013CALS.d	S08	2019-11-05 14:46:54

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	33.7
2	☐	0.100					
3	☐	1.000	1.068	2681.79	0.0029	P	4.1
4	☐	50.000	50.945	127286.29	0.1344	P	1.3
5	☐	125.000	126.229	308965.91	0.3331	P	0.5
6	☐	250.000	251.279	610832.80	0.6630	P	0.6
7	☐	500.000	498.675	1211265.68	1.3156	P	0.8
8	☐	1000.000	1000.142	2431556.83	2.6385	P	1.2
9	☐			462.98	0.0006	P	7.6

$$y = 0.0026 * x + 4.8140E-005$$

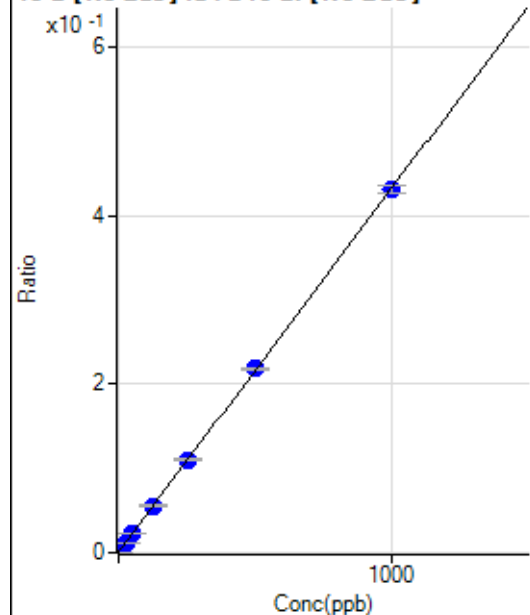
$$R = 1.0000$$

$$DL = 0.01843$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	633.37	0.0007	P	4.4
2	☐	2.500					
3	☐	25.000	24.627	10595.77	0.0113	P	1.9
4	☐	50.000	50.067	21112.66	0.0223	P	1.1
5	☐	125.000	127.677	51759.47	0.0558	P	3.2
6	☐	250.000	253.704	101535.90	0.1102	P	1.8
7	☐	500.000	505.283	201439.54	0.2188	P	1.1
8	☐	1000.000	996.104	396883.40	0.4307	P	2.3
9	☐			15302.73	0.0185	P	7.2

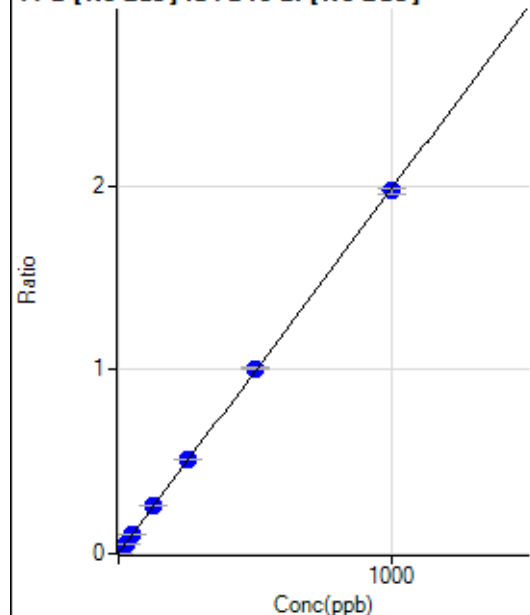
$$y = 4.3166E-004 * x + 6.8532E-004$$

$$R = 1.0000$$

$$DL = 0.2116$$

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	2861.50	0.0031	P	4.1
2	☐	2.500					
3	☐	25.000	24.897	49027.95	0.0524	P	1.7
4	☐	50.000	51.149	98770.79	0.1043	P	0.9
5	☐	125.000	128.580	238924.24	0.2576	P	0.5
6	☐	250.000	257.343	472097.46	0.5124	P	0.5
7	☐	500.000	506.873	926374.14	1.0062	P	1.0
8	☐	1000.000	994.225	1816126.73	1.9706	P	1.6
9	☐			70853.57	0.0857	P	6.6

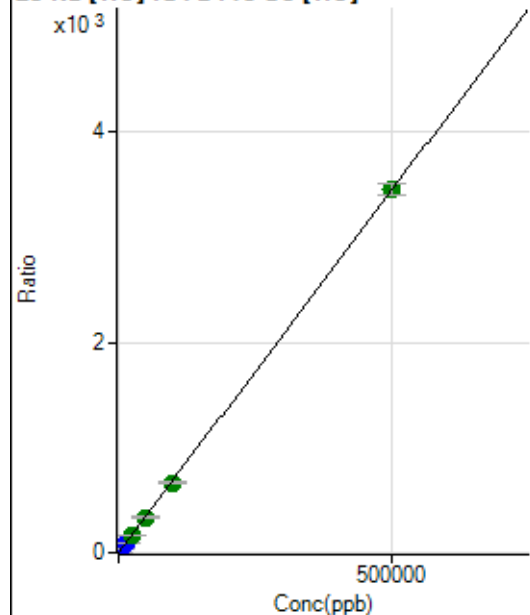
$$y = 0.0020 * x + 0.0031$$

$$R = 0.9999$$

$$DL = 0.1939$$

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	6323.83	0.1206	P	5.0
2	☐	50.000					
3	☐	500.000	508.057	191150.54	3.6208	P	2.8
4	☐	5000.000	5094.587	1873351.52	35.2191	P	1.0
5	☐	12500.000	12392.669	4530307.96	85.4983	P	0.3
6	☐	25000.000	24345.019	9023495.17	167.8424	A	0.4
7	☐	50000.000	48420.122	18012714.99	333.7046	A	3.6
8	☐	100000.00	96716.752	37866257.44	666.4379	A	1.0
9	☐	500000.00	500849.11	184085933.2	3,450.654	A	3.2

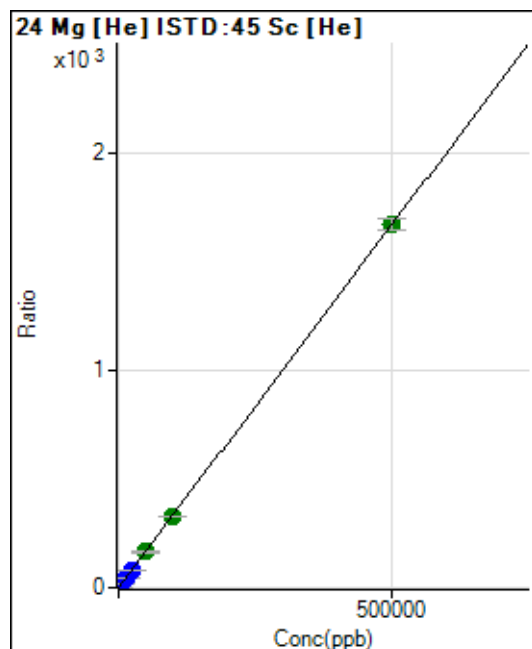
$$y = 0.0069 * x + 0.1206$$

$$R = 1.0000$$

$$DL = 2.606$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0035	P	15.8
2	☐	50.000					
3	☐	500.000	549.472	97005.38	1.8379	P	4.1
4	☐	5000.000	5217.368	926671.86	17.4221	P	1.5
5	☐	12500.000	12701.810	2247237.88	42.4095	P	0.9
6	☐	25000.000	24812.522	4453735.61	82.8421	P	0.5
7	☐	50000.000	49157.103	8858981.62	164.1184	A	3.6
8	☐	100000.00	98159.796	18620307.36	327.7178	A	1.2
9	☐	500000.00	500454.43	89134576.99	1,670.810	A	3.2

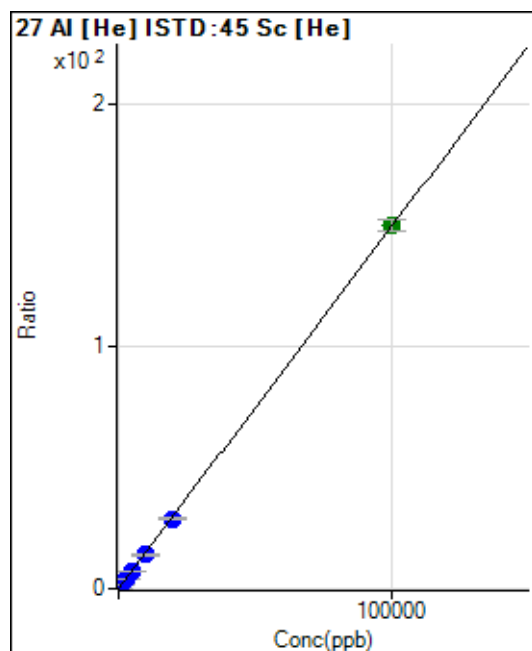
$$y = 0.0033 * x + 0.0035$$

$$R = 1.0000$$

$$DL = 0.4898$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0004	P	64.3
2	☐	2.000					
3	☐	20.000	19.158	1527.93	0.0290	P	6.8
4	☐	1000.000	1003.020	79624.53	1.4970	P	1.5
5	☐	2500.000	2429.053	192075.30	3.6248	P	0.5
6	☐	5000.000	4756.432	381580.96	7.0976	P	0.7
7	☐	10000.000	9425.635	759194.31	14.0646	P	3.5
8	☐	20000.000	19216.900	1629155.86	28.6745	P	1.8
9	☐	100000.00	100227.97	7978783.51	149.5536	A	3.0

$$y = 0.0015 * x + 3.6864E-004$$

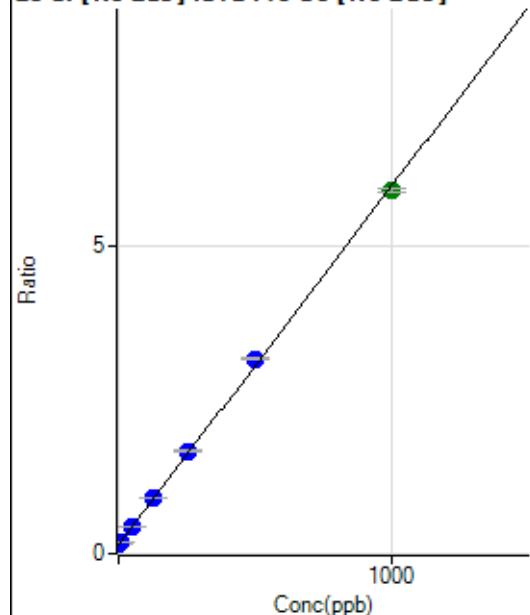
$$R = 1.0000$$

$$DL = 0.4766$$

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	186202.66	0.1443	P	2.0
2	☐	1.000					
3	☐	10.000	7.619	246961.11	0.1887	P	1.4
4	☐	50.000	52.141	591215.93	0.4486	P	0.6
5	☐	125.000	131.535	1189491.24	0.9121	P	0.1
6	☐	250.000	261.359	2154242.28	1.6700	P	1.1
7	☐	500.000	518.606	4146122.88	3.1716	P	1.0
8	☐	1000.000	986.957	7879456.08	5.9056	A	1.2
9	☐			426177.04	0.3437	P	1.9

$$y = 0.0058 * x + 0.1443$$

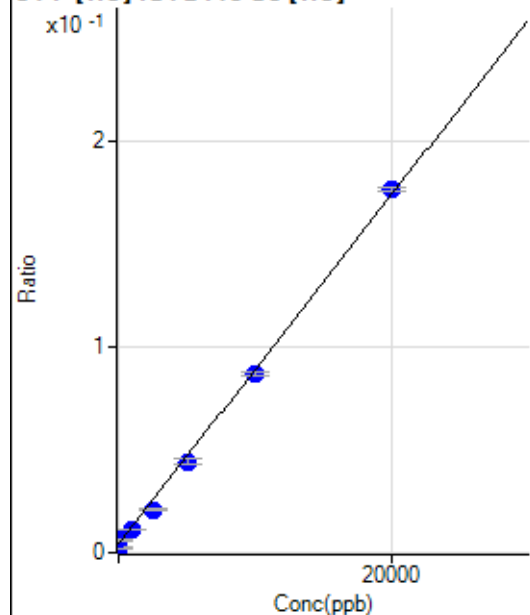
$$R = 0.9996$$

$$DL = 1.449$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-256.703	108.34	0.0021	P	34.9
2	☐	0.000					
3	☐	0.000	256.703	338.90	0.0064	P	13.6
4	☐	1000.000	802.623	588.92	0.0111	P	4.1
5	☐	2500.000	1967.391	1111.20	0.0210	P	6.7
6	☐	5000.000	4687.358	2369.73	0.0441	P	6.0
7	☐	10000.000	9756.011	4709.29	0.0872	P	1.7
8	☐	20000.000	20276.600	10031.53	0.1766	P	1.1
9	☐			94.45	0.0018	P	27.9

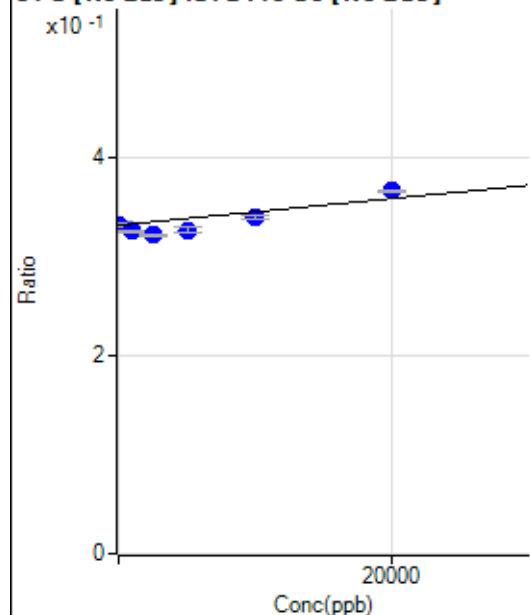
$$y = 8.4978E-006 * x + 0.0042$$

$$R = 0.9993$$

$$DL = 281.9$$

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	-462.621	428407.51	0.3320	P	2.6
2	☐	0.000					
3	☐	0.000	462.621	435987.69	0.3332	P	1.2
4	☐	1000.000	-4410.658	430470.23	0.3267	P	0.7
5	☐	2500.000	-7267.234	420990.50	0.3228	P	0.7
6	☐	5000.000	-3948.969	422171.16	0.3273	P	1.9
7	☐	10000.000	6027.806	445379.31	0.3407	P	0.9
8	☐	20000.000	25714.776	489873.77	0.3672	P	0.9
9	☐			389520.07	0.3141	P	2.5

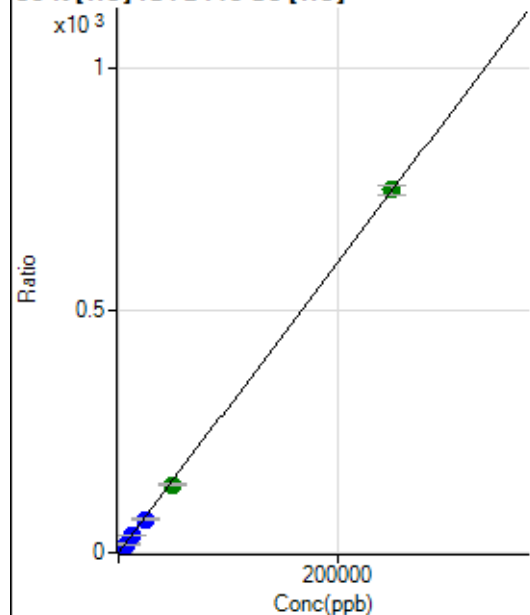
$$y = 1.3443\text{E-}006 * x + 0.3326$$

$$R = 0.9056$$

$$DL = 1.419\text{E}+04$$

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	20130.99	0.3842	P	1.8
2	☐	50.000					
3	☐	500.000	496.862	98375.05	1.8638	P	3.8
4	☐	2500.000	2406.756	401718.53	7.5516	P	0.8
5	☐	6250.000	5848.786	943248.48	17.8022	P	0.9
6	☐	12500.000	11437.675	1851895.48	34.4462	P	0.6
7	☐	25000.000	22981.784	3715229.90	68.8252	P	3.4
8	☐	50000.000	47034.617	7980134.55	140.4558	A	1.6
9	☐	250000.00	250858.98	39879897.07	747.4558	A	2.7

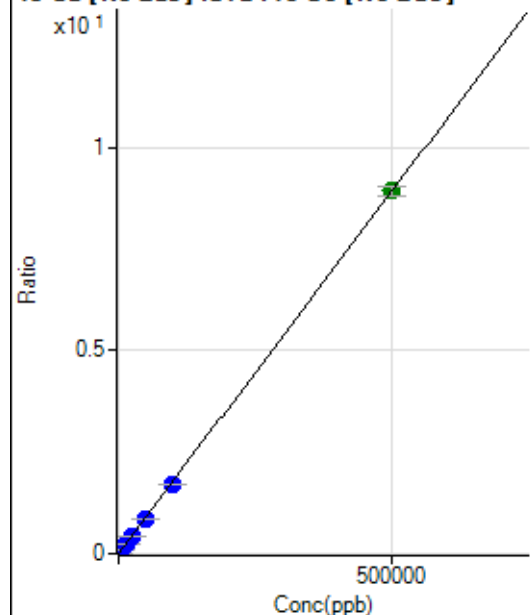
$$y = 0.0030 * x + 0.3842$$

$$R = 0.9999$$

$$DL = 6.901$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0001	P	31.7
2	☐	50.000					
3	☐	500.000	502.539	11813.44	0.0090	P	3.0
4	☐	5000.000	4876.330	114660.92	0.0870	P	0.8
5	☐	12500.000	12181.486	283320.53	0.2173	P	0.9
6	☐	25000.000	24287.985	558673.96	0.4331	P	2.4
7	☐	50000.000	48098.684	1121131.39	0.8576	P	1.1
8	☐	100000.00	95739.746	2277515.91	1.7070	P	1.3
9	☐	500000.00	501086.98	11078421.08	8.9341	A	2.4

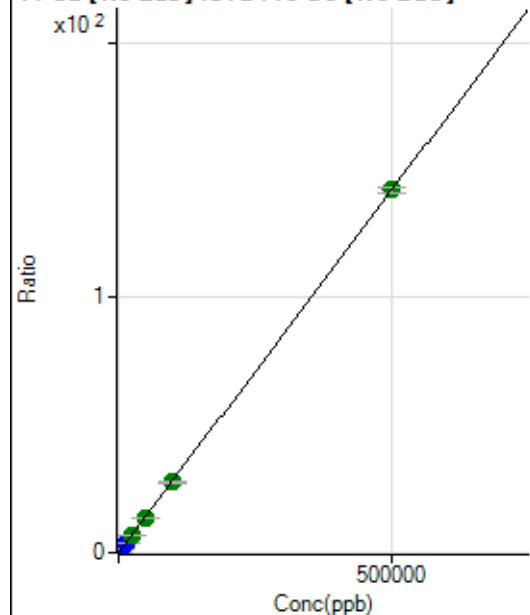
$$y = 1.7829\text{E-}005 * x + 6.9136\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.693$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6426.64	0.0050	P	3.2
2	☐	50.000					
3	☐	500.000	502.055	193198.74	0.1477	P	1.1
4	☐	5000.000	4974.522	1869511.54	1.4187	P	0.5
5	☐	12500.000	12342.970	4580834.91	3.5127	P	0.8
6	☐	25000.000	24435.402	8964405.93	6.9491	A	0.9
7	☐	50000.000	48673.834	18090409.78	13.8373	A	0.6
8	☐	100000.00	97281.627	36892743.18	27.6509	A	1.1
9	☐	500000.00	500708.70	176473178.9	142.2987	A	1.6

$$y = 2.8418\text{E-}004 * x + 0.0050$$

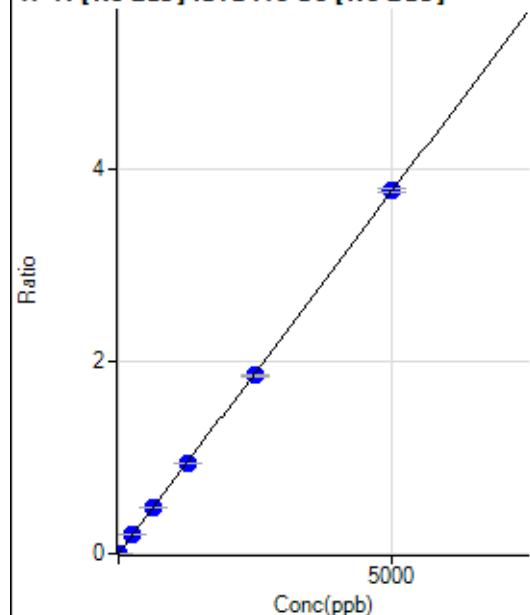
$$R = 1.0000$$

$$DL = 1.684$$

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	72.22	0.0001	P	57.6
2	☐	0.500					
3	☐	5.000	5.370	5351.19	0.0041	P	7.6
4	☐	250.000	255.498	252835.66	0.1919	P	1.0
5	☐	625.000	627.045	613984.08	0.4708	P	0.6
6	☐	1250.000	1250.914	1211563.34	0.9392	P	0.8
7	☐	2500.000	2467.606	2421910.88	1.8526	P	0.7
8	☐	5000.000	5015.438	5023778.15	3.7653	P	1.0
9	☐			2364.18	0.0019	P	10.9

$$y = 7.5074\text{E-}004 * x + 5.6161\text{E-}005$$

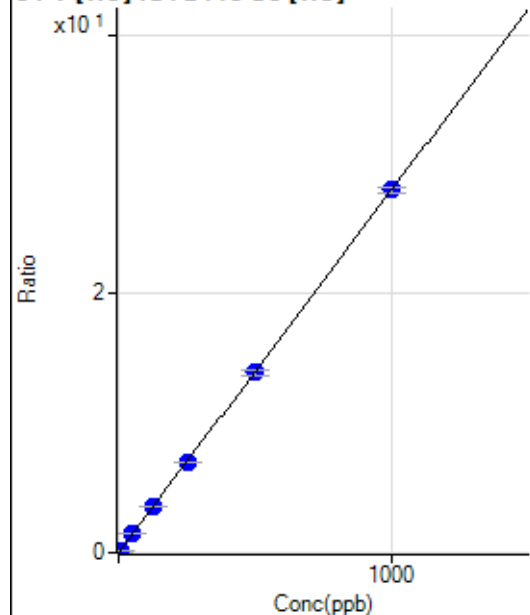
$$R = 1.0000$$

$$DL = 0.1294$$

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	4.44	0.0001	P	114.9
2	☐	0.500					
3	☐	5.000	5.741	8489.24	0.1609	P	5.3
4	☐	50.000	51.796	77168.51	1.4508	P	1.6
5	☐	125.000	126.575	187848.46	3.5453	P	0.9
6	☐	250.000	250.282	376880.57	7.0102	P	0.2
7	☐	500.000	498.020	752988.48	13.9490	P	3.3
8	☐	1000.000	1000.629	1592340.36	28.0265	P	1.7
9	☐			532.24	0.0100	P	5.1

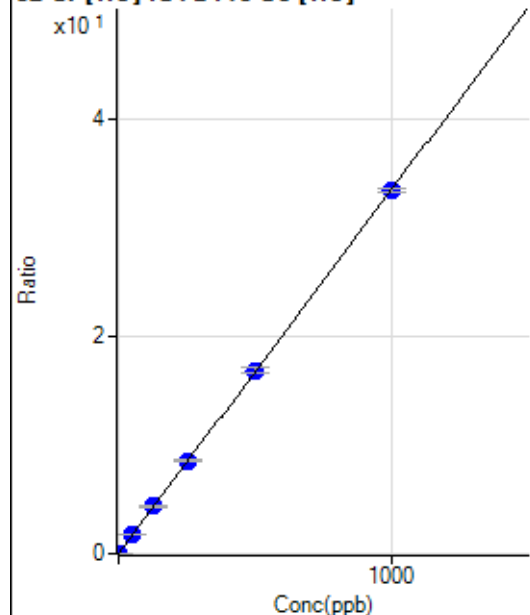
$$y = 0.0280 * x + 8.4217\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01037$$

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	506.68	0.0097	P	5.5
2	☐	0.200					
3	☐	2.000	2.179	4367.39	0.0827	P	3.3
4	☐	50.000	53.315	95566.45	1.7966	P	0.9
5	☐	125.000	129.424	230352.96	4.3475	P	0.9
6	☐	250.000	255.057	460112.77	8.5583	P	0.9
7	☐	500.000	502.724	910102.84	16.8593	P	3.2
8	☐	1000.000	996.655	1898551.14	33.4141	P	1.2
9	☐			71978.24	1.3491	P	2.9

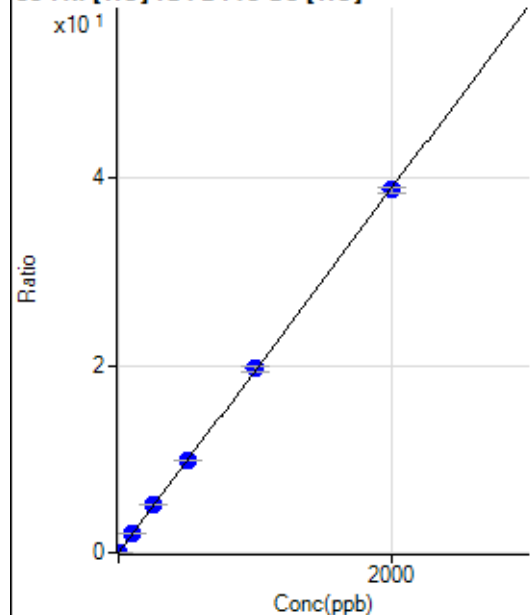
$$y = 0.0335 * x + 0.0097$$

$$R = 1.0000$$

$$DL = 0.04769$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	156.67	0.0030	P	37.2
2	☐	0.100					
3	☐	1.000	1.276	1468.99	0.0278	P	1.5
4	☐	100.000	105.884	109609.96	2.0607	P	2.1
5	☐	250.000	259.994	267876.99	5.0557	P	0.7
6	☐	500.000	509.936	532940.96	9.9130	P	0.6
7	☐	1000.000	1008.315	1057851.32	19.5984	P	3.8
8	☐	2000.000	1991.815	2199429.92	38.7115	P	1.6
9	☐			8810.56	0.1652	P	5.9

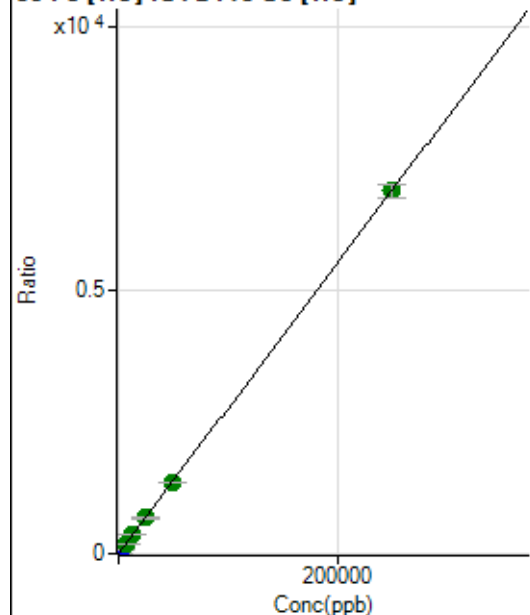
$$y = 0.0194 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.1723$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3143.01	0.0600	P	5.0
2	☐	5.000					
3	☐	50.000	58.150	87808.44	1.6635	P	3.3
4	☐	2500.000	2641.157	3877076.47	72.8895	P	1.1
5	☐	6250.000	6415.231	9376444.89	176.9590	A	0.6
6	☐	12500.000	12638.511	18739487.22	348.5649	A	0.5
7	☐	25000.000	24807.513	36928760.08	684.1232	A	3.5
8	☐	50000.000	49367.482	77350599.88	1,361.360	A	1.1
9	☐	250000.00	250133.28	367941548.9	6,897.445	A	3.5

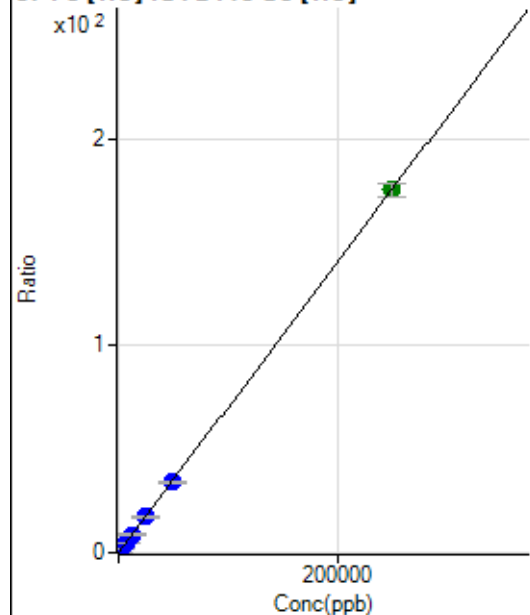
$$y = 0.0276 * x + 0.0600$$

$$R = 1.0000$$

$$DL = 0.3287$$

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	288.90	0.0055	P	6.7
2	☒	5.000					
3	☐	50.000	61.081	2548.44	0.0483	P	2.5
4	☐	2500.000	2625.154	98035.54	1.8432	P	1.9
5	☐	6250.000	6330.223	235089.57	4.4369	P	1.4
6	☐	12500.000	12592.815	474229.85	8.8209	P	0.5
7	☐	25000.000	24714.387	934118.17	17.3064	P	4.0
8	☐	50000.000	48643.727	1934973.15	34.0578	P	1.9
9	☐	250000.00	250291.91	9345977.64	175.2185	A	4.0

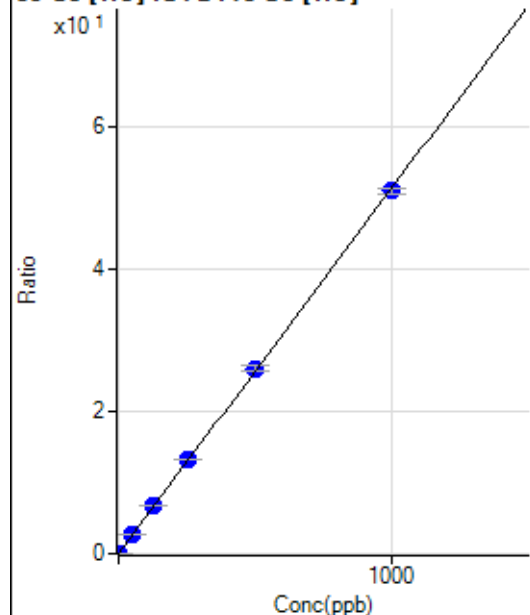
$$y = 7.0003E-004 * x + 0.0055$$

$$R = 1.0000$$

$$DL = 1.583$$

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	47.78	0.0009	P	12.1
2	☐	0.100					
3	☐	1.000	1.157	3181.52	0.0603	P	6.6
4	☐	50.000	54.279	148273.83	2.7877	P	1.8
5	☐	125.000	131.689	358275.68	6.7622	P	1.8
6	☐	250.000	257.973	712120.08	13.2459	P	0.8
7	☐	500.000	507.103	1405557.34	26.0368	P	3.2
8	☐	1000.000	993.405	2898019.85	51.0048	P	1.4
9	☐			5986.87	0.1122	P	4.0

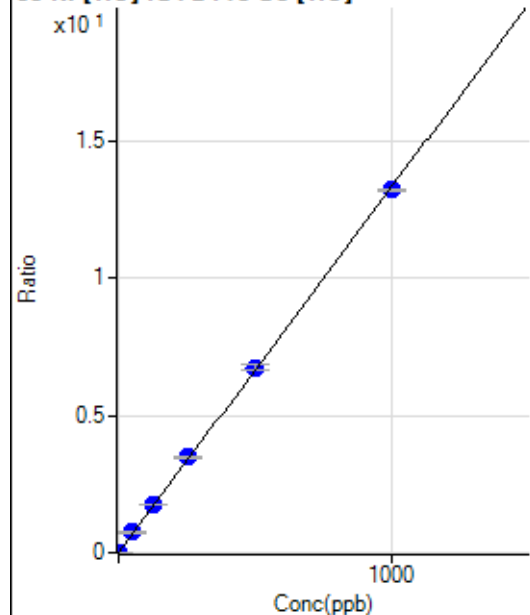
$$y = 0.0513 * x + 9.1264E-004$$

$$R = 0.9999$$

$$DL = 0.006463$$

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	26.67	0.0005	P	33.0
2	☐	0.100					
3	☐	1.000	1.123	816.70	0.0155	P	2.6
4	☐	50.000	55.224	39141.24	0.7359	P	2.5
5	☐	125.000	132.672	93640.41	1.7674	P	1.6
6	☐	250.000	260.579	186592.35	3.4707	P	0.6
7	☐	500.000	507.148	364615.12	6.7544	P	3.3
8	☐	1000.000	992.561	751094.68	13.2188	P	0.9
9	☐			19241.76	0.3607	P	3.0

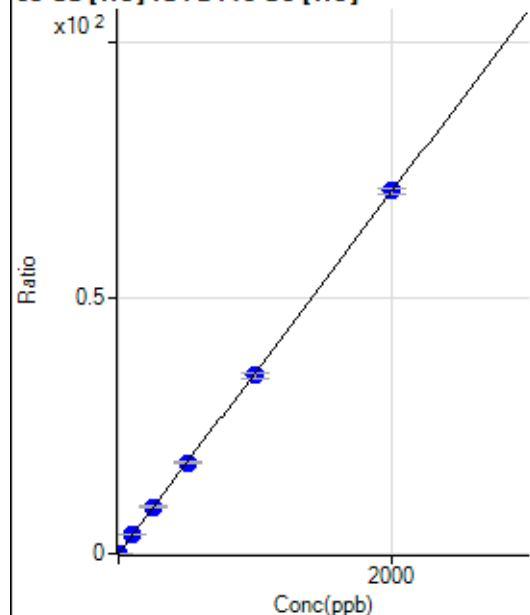
$$y = 0.0133 * x + 5.0900E-004$$

$$R = 0.9999$$

$$DL = 0.03785$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1100.06	0.0210	P	5.0
2	☐	0.200					
3	☐	2.000	2.399	5585.60	0.1059	P	6.7
4	☐	100.000	107.613	203683.57	3.8292	P	0.7
5	☐	250.000	258.678	486132.27	9.1750	P	1.3
6	☐	500.000	503.698	959414.76	17.8458	P	1.1
7	☐	1000.000	984.068	1881113.86	34.8450	P	3.0
8	☐	2000.000	2005.576	4033537.58	70.9939	P	1.8
9	☐			7504.27	0.1406	P	0.3

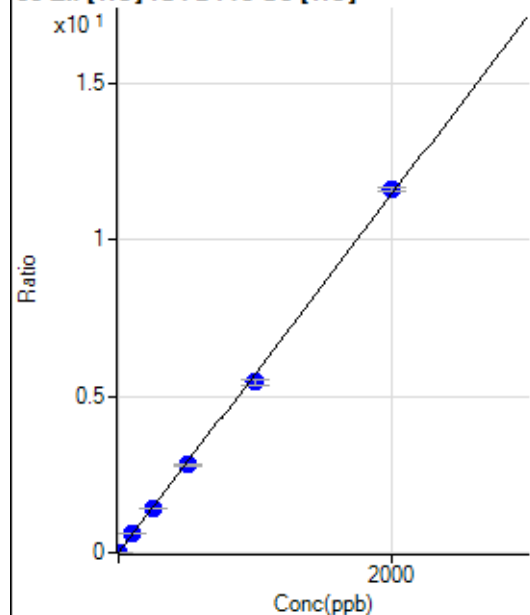
$$y = 0.0354 * x + 0.0210$$

$$R = 0.9999$$

$$DL = 0.08889$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.34	0.0010	P	31.7
2	☐	0.200					
3	☐	2.000	2.557	826.70	0.0156	P	5.5
4	☐	100.000	105.995	32292.62	0.6071	P	1.7
5	☐	250.000	249.885	75767.98	1.4300	P	0.6
6	☐	500.000	488.654	150282.22	2.7953	P	0.3
7	☐	1000.000	953.230	294317.43	5.4520	P	3.1
8	☐	2000.000	2025.936	658304.87	11.5861	P	1.1
9	☐			8095.69	0.1518	P	4.4

$$y = 0.0057 * x + 0.0010$$

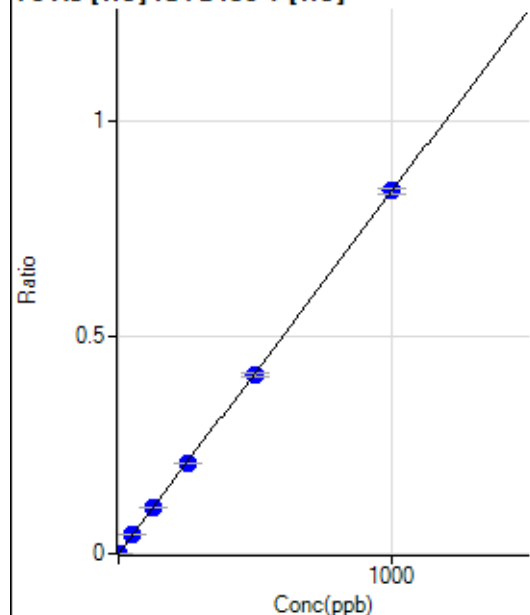
$$R = 0.9996$$

$$DL = 0.1686$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	2.4
2	☐	0.100					
3	☐	1.000	1.117	218.52	0.0010	P	6.1
4	☐	50.000	50.983	9901.60	0.0427	P	1.2
5	☐	125.000	126.091	24164.60	0.1055	P	0.4
6	☐	250.000	250.900	48507.82	0.2099	P	0.7
7	☐	500.000	495.563	95647.38	0.4146	P	2.5
8	☐	1000.000	1001.808	199366.41	0.8381	P	1.5
9	☐			95.06	0.0004	P	12.2

$$y = 8.3655\text{E-}004 * x + 1.6368\text{E-}005$$

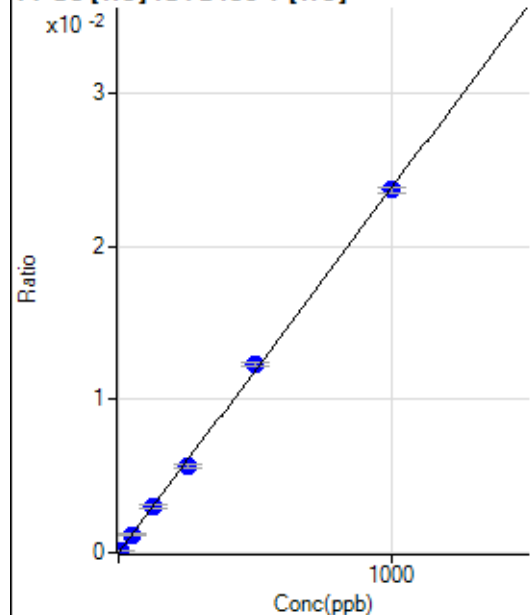
$$R = 1.0000$$

$$DL = 0.001429$$

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	☐	0.500					
3	☐	5.000	6.290	34.45	0.0001	P	8.5
4	☐	50.000	49.260	272.23	0.0012	P	14.0
5	☐	125.000	127.347	694.47	0.0030	P	8.5
6	☐	250.000	237.099	1304.53	0.0056	P	3.5
7	☐	500.000	516.004	2836.99	0.0123	P	2.4
8	☐	1000.000	994.960	5635.63	0.0237	P	1.8
9	☐			5.56	0.0000	P	93.3

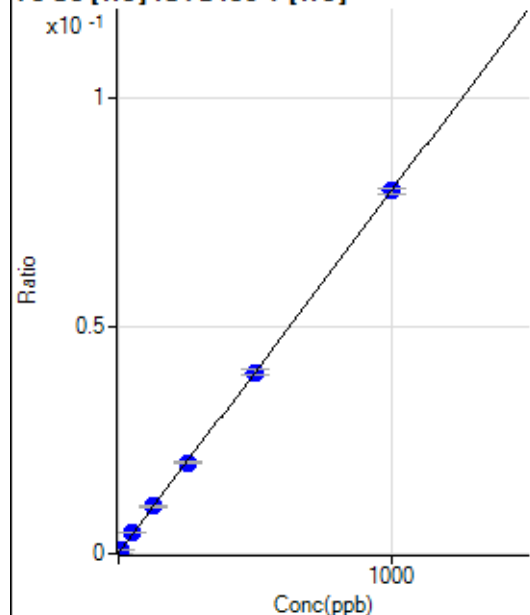
$$y = 2.3811\text{E-}005 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

$$DL = 0$$

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	39.51	0.0002	P	23.6
2	☐	0.500					
3	☐	5.000	7.041	168.52	0.0007	P	12.8
4	☐	50.000	57.022	1093.88	0.0047	P	0.4
5	☐	125.000	128.109	2376.14	0.0104	P	2.8
6	☐	250.000	249.666	4632.26	0.0200	P	2.9
7	☐	500.000	499.138	9206.07	0.0399	P	2.7
8	☐	1000.000	999.765	18971.13	0.0797	P	1.6
9	☐			71.61	0.0003	P	18.4

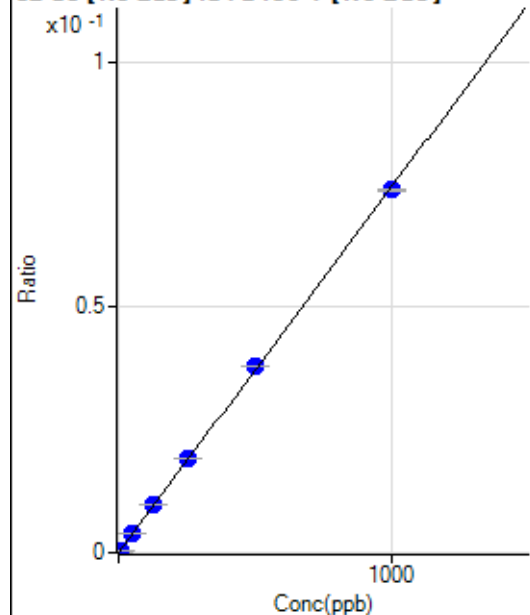
$$y = 7.9593\text{E-}005 * x + 1.7534\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.557$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1.29	0.0000	P	-6748.
2	☒	0.500					
3	☐	5.000	6.440	867.04	0.0005	P	2.8
4	☐	50.000	53.972	7326.51	0.0040	P	1.7
5	☐	125.000	131.700	17618.50	0.0098	P	0.5
6	☐	250.000	257.967	34389.14	0.0192	P	0.2
7	☐	500.000	509.551	68671.47	0.0380	P	0.8
8	☐	1000.000	992.189	135095.93	0.0740	P	0.7
9	☐			129.67	0.0001	P	7.4

$$y = 7.4544\text{E-}005 * x - 8.3527\text{E-}007$$

$$R = 0.9999$$

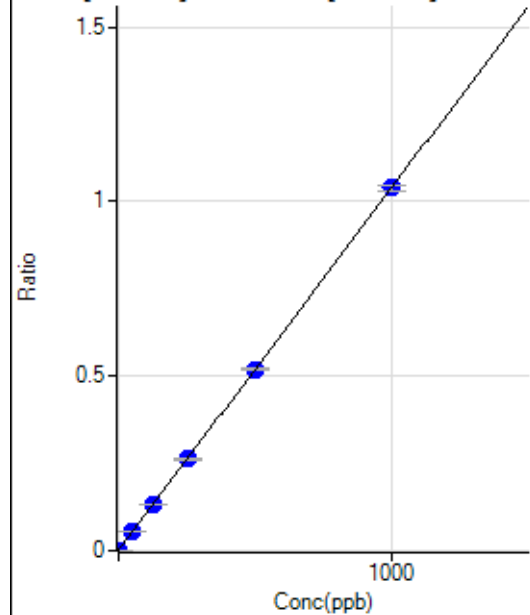
$$DL = 2.268$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1036.72		P	8.2
2	☐						
3	☐			987.83		P	3.4
4	☐			1035.61		P	6.9
5	☐			977.83		P	7.8
6	☐			974.49		P	5.3
7	☐			1011.16		P	5.6
8	☐			1020.05		P	9.1
9	☐			1018.94		P	8.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1669.62	0.0009	P	10.8
2	☐	0.100					
3	☐	1.000	0.984	3536.71	0.0020	P	7.1
4	☐	50.000	50.619	97414.48	0.0535	P	1.7
5	☐	125.000	125.594	235685.07	0.1313	P	0.5
6	☐	250.000	251.365	468354.85	0.2619	P	1.7
7	☐	500.000	499.127	938476.33	0.5191	P	1.4
8	☐	1000.000	999.990	1897919.66	1.0391	P	1.5
9	☐			9609.18	0.0056	P	0.4

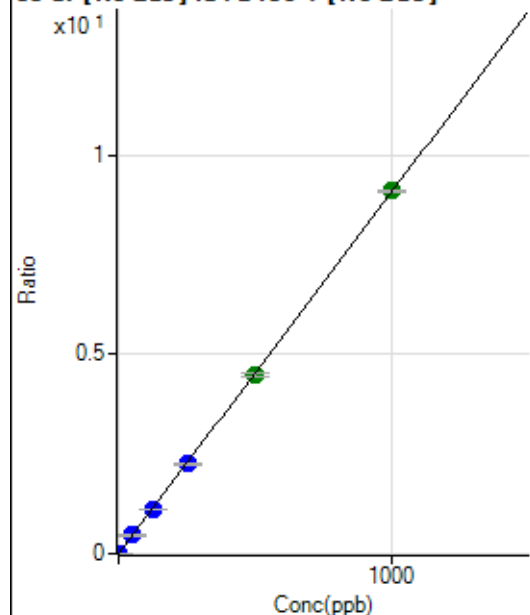
$$y = 0.0010 * x + 9.3334E-004$$

$$R = 1.0000$$

$$DL = 0.2916$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.059	17438.95	0.0096	P	2.1
4	☐	50.000	50.736	837975.73	0.4601	P	1.4
5	☐	125.000	124.384	2024349.46	1.1279	P	0.8
6	☐	250.000	247.707	4016926.26	2.2462	P	0.9
7	☐	500.000	494.162	8100843.24	4.4810	A	1.5
8	☐	1000.000	1003.532	16622091.52	9.0998	A	0.6
9	☐			68604.15	0.0398	P	1.3

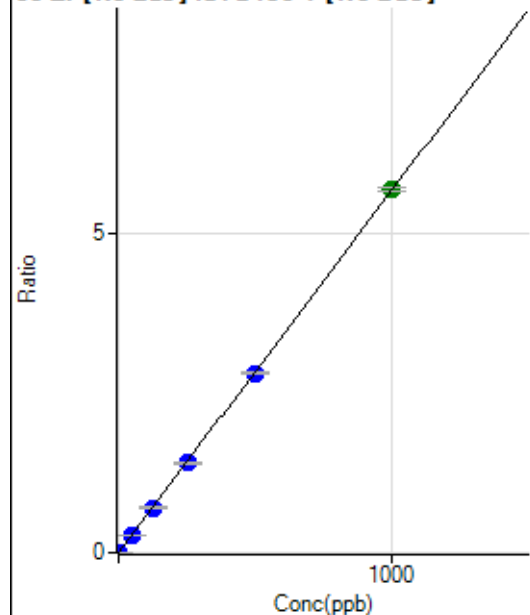
$$y = 0.0091 * x + 3.7280E-005$$

$$R = 1.0000$$

$$DL = 0.002676$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0001	P	29.2
2	☐	0.100					
3	☐	1.000	0.919	9548.00	0.0053	P	2.7
4	☐	50.000	49.917	514163.85	0.2823	P	0.8
5	☐	125.000	124.669	1265109.71	0.7049	P	1.5
6	☐	250.000	247.246	2499993.24	1.3980	P	1.3
7	☐	500.000	495.812	5067955.67	2.8033	P	1.3
8	☐	1000.000	1002.828	10356987.73	5.6698	A	1.0
9	☐			3056.03	0.0018	P	8.7

$$y = 0.0057 * x + 8.0708E-005$$

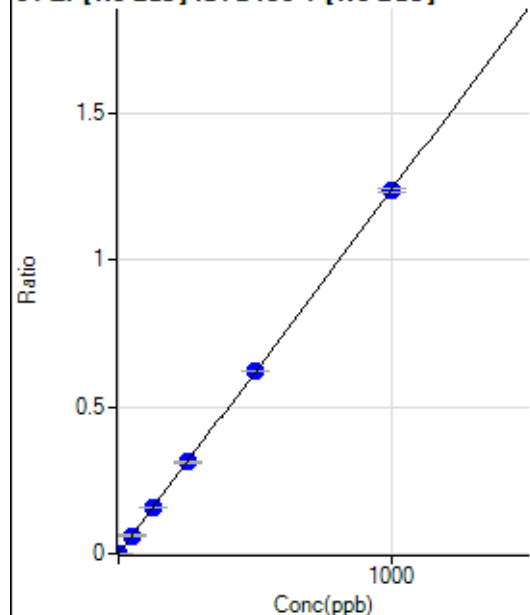
$$R = 1.0000$$

$$DL = 0.0125$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	81.0
2	☐	0.100					
3	☐	1.000	0.939	2136.37	0.0012	P	2.6
4	☐	50.000	50.220	113096.36	0.0621	P	2.6
5	☐	125.000	125.965	279448.73	0.1557	P	0.8
6	☐	250.000	252.329	557761.87	0.3119	P	1.2
7	☐	500.000	502.510	1122915.23	0.6211	P	0.7
8	☐	1000.000	998.031	2253164.83	1.2336	P	1.2
9	☐			622.26	0.0004	P	7.1

$$y = 0.0012 * x + 2.0216E-005$$

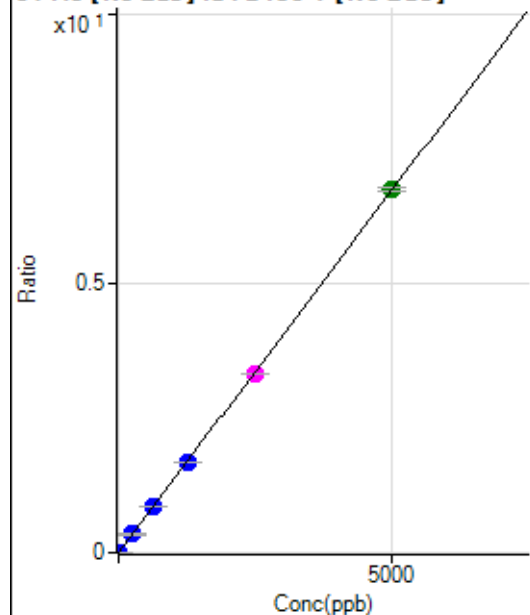
$$R = 1.0000$$

$$DL = 0.03976$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	100.3
2	☐	0.500					
3	☐	5.000	5.062	12375.23	0.0068	P	4.1
4	☐	250.000	253.282	620523.10	0.3407	P	1.2
5	☐	625.000	629.264	1518883.11	0.8463	P	0.5
6	☐	1250.000	1251.166	3009274.00	1.6827	P	0.5
7	☐	2500.000	2469.770	6005168.84	3.3215	M	0.5
8	☐	5000.000	5014.126	12317369.29	6.7434	A	1.0
9	☐			11399.45	0.0066	P	3.7

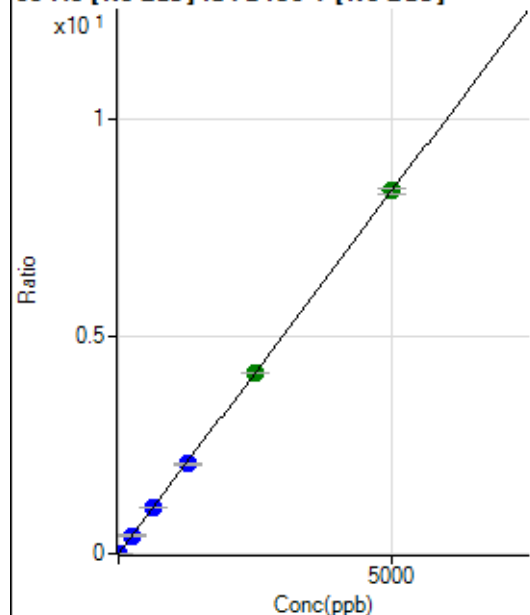
$$y = 0.0013 * x + 3.2708E-005$$

$$R = 1.0000$$

$$DL = 0.07319$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.063	15306.02	0.0085	P	2.7
4	☐	250.000	251.882	763948.67	0.4194	P	0.6
5	☐	625.000	626.248	1871464.47	1.0427	P	0.7
6	☐	1250.000	1240.297	3693159.46	2.0651	P	1.4
7	☐	2500.000	2493.889	7507741.23	4.1524	A	0.9
8	☐	5000.000	5005.231	15221878.81	8.3338	A	1.4
9	☐			17900.83	0.0104	P	3.8

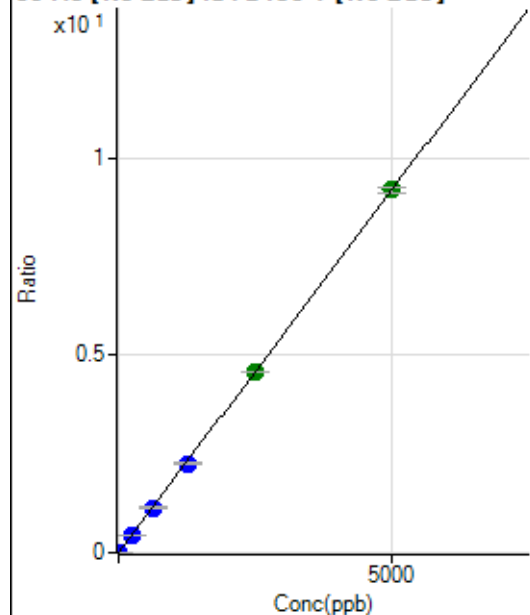
$$y = 0.0017 * x + 2.9459E-005$$

$$R = 1.0000$$

$$DL = 0.04598$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0001	P	38.8
2	☐	0.500					
3	☐	5.000	5.164	17255.51	0.0095	P	2.2
4	☐	250.000	250.553	838091.87	0.4601	P	0.3
5	☐	625.000	622.611	2052008.10	1.1433	P	0.5
6	☐	1250.000	1233.652	4051207.34	2.2653	P	1.0
7	☐	2500.000	2492.666	8275246.28	4.5771	A	0.8
8	☐	5000.000	5008.025	16796463.57	9.1959	A	1.3
9	☐			25081.44	0.0146	P	1.6

$$y = 0.0018 * x + 5.4402E-005$$

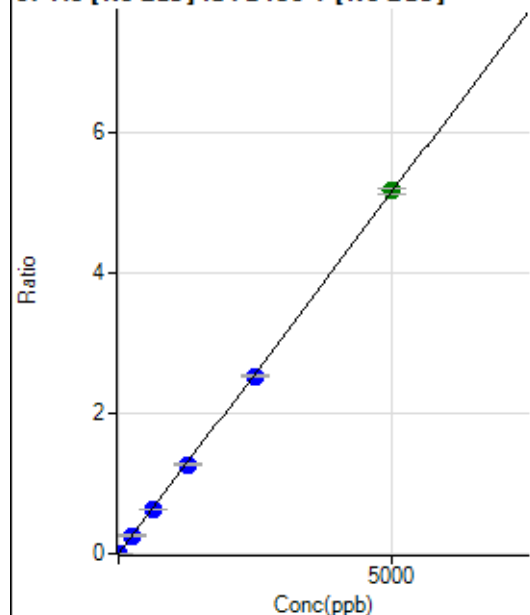
$$R = 1.0000$$

$$DL = 0.03451$$

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	41.67	0.0000	P	52.4
2	☐	0.500					
3	☐	5.000	5.005	9370.19	0.0052	P	3.8
4	☐	250.000	251.673	472001.34	0.2592	P	1.7
5	☐	625.000	619.279	1144400.68	0.6377	P	1.0
6	☐	1250.000	1235.456	2275038.90	1.2721	P	1.3
7	☐	2500.000	2460.967	4581175.54	2.5340	P	0.8
8	☐	5000.000	5023.784	9448432.76	5.1728	A	1.3
9	☐			10904.68	0.0063	P	3.2

$$y = 0.0010 * x + 2.3258E-005$$

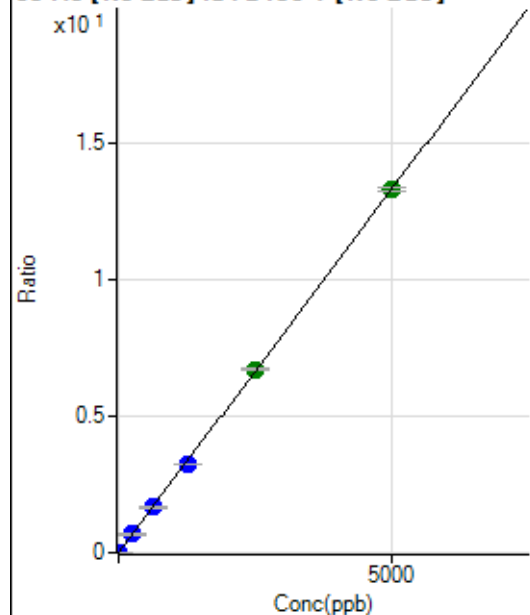
$$R = 0.9999$$

$$DL = 0.03554$$

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	55.56	0.0000	P	45.9
2	☐	0.500					
3	☐	5.000	5.143	24755.78	0.0137	P	0.9
4	☐	250.000	252.265	1219676.98	0.6696	P	0.7
5	☐	625.000	622.286	2964488.44	1.6518	P	1.8
6	☐	1250.000	1226.115	5820592.58	3.2546	P	0.5
7	☐	2500.000	2521.138	12098685.68	6.6922	A	1.0
8	☐	5000.000	4995.628	24221110.61	13.2604	A	0.9
9	☐			27722.24	0.0161	P	0.8

$$y = 0.0027 * x + 3.1081E-005$$

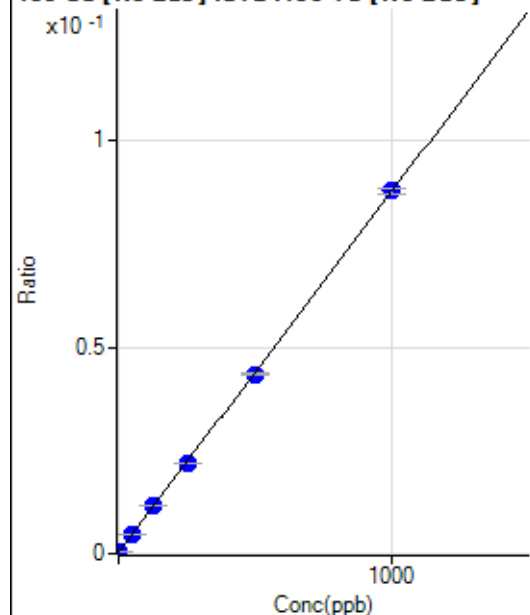
$$R = 1.0000$$

$$DL = 0.01614$$

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	641.71	0.0003	P	16.8
2	☐	0.100					
3	☐	1.000	1.419	894.52	0.0004	P	3.8
4	☐	50.000	51.456	9828.81	0.0048	P	2.2
5	☐	125.000	129.981	23520.42	0.0117	P	3.1
6	☐	250.000	248.290	44323.32	0.0220	P	1.1
7	☐	500.000	493.595	88762.51	0.0434	P	1.4
8	☐	1000.000	1002.934	176599.92	0.0879	P	1.3
9	☐			666.71	0.0004	P	14.6

$$y = 8.7289\text{E-}005 * x + 3.1826\text{E-}004$$

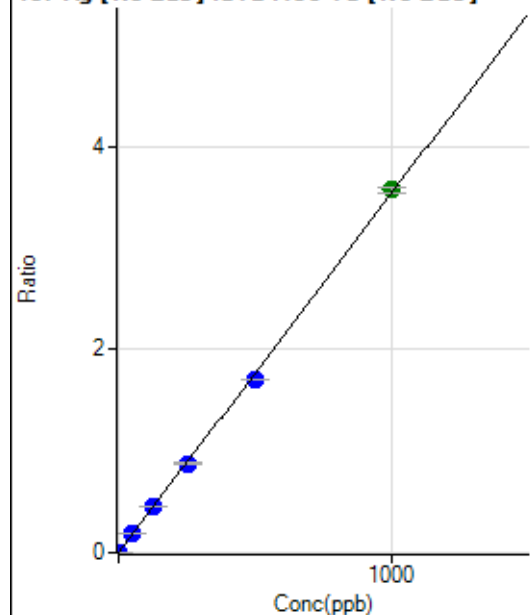
$$R = 1.0000$$

$$DL = 1.833$$

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	41.67	0.0000	P	87.5
2	☐	0.100					
3	☐	1.000	1.048	7538.42	0.0037	P	1.8
4	☐	50.000	51.930	375208.70	0.1837	P	1.3
5	☐	125.000	126.601	902655.32	0.4477	P	0.5
6	☐	250.000	248.596	1771830.77	0.8791	P	1.1
7	☐	500.000	480.830	3477262.71	1.7003	P	0.7
8	☐	1000.000	1009.639	7175861.36	3.5702	A	1.4
9	☐			1675.17	0.0009	P	4.2

$$y = 0.0035 * x + 2.0700\text{E-}005$$

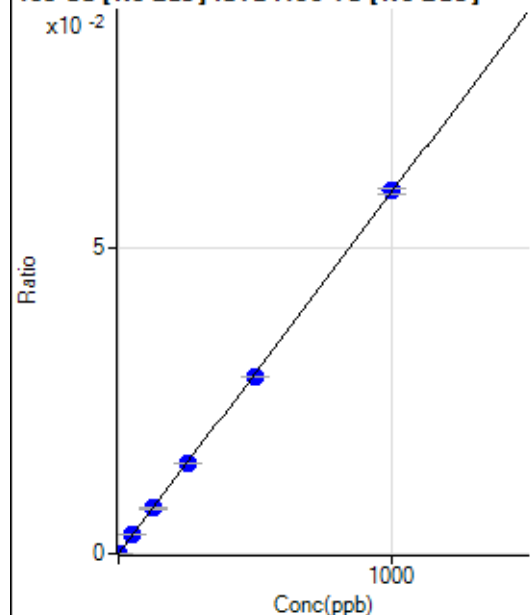
$$R = 0.9997$$

$$DL = 0.01536$$

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	2.78	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	1.090	133.34	0.0001	P	13.6
4	☐	50.000	53.257	6446.04	0.0032	P	0.7
5	☐	125.000	126.852	15147.27	0.0075	P	3.4
6	☐	250.000	251.670	30039.07	0.0149	P	0.5
7	☐	500.000	490.220	59372.91	0.0290	P	0.5
8	☐	1000.000	1004.078	119506.51	0.0595	P	1.6
9	☐			38.89	0.0000	P	21.9

$$y = 5.9217\text{E-}005 * x + 1.3588\text{E-}006$$

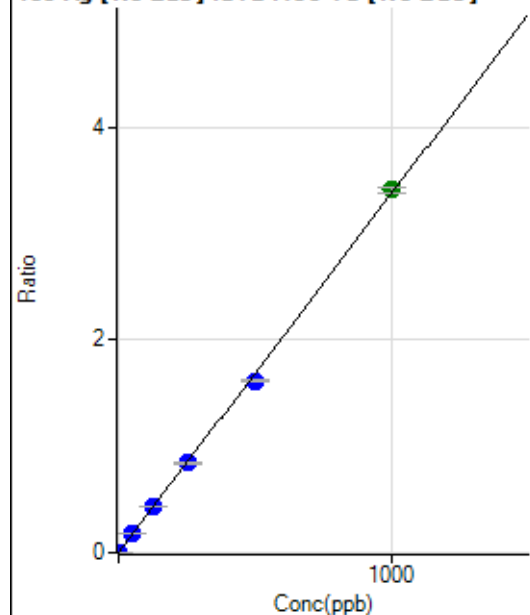
$$R = 0.9999$$

$$DL = 0.1192$$

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	11.11	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	1.072	7335.58	0.0036	P	2.9
4	☐	50.000	51.550	355486.92	0.1740	P	1.3
5	☐	125.000	127.103	864908.15	0.4290	P	0.6
6	☐	250.000	249.333	1696029.13	0.8415	P	0.3
7	☐	500.000	478.917	3305716.33	1.6164	P	0.6
8	☐	1000.000	1010.368	6853828.36	3.4100	A	1.5
9	☐			1586.27	0.0009	P	3.6

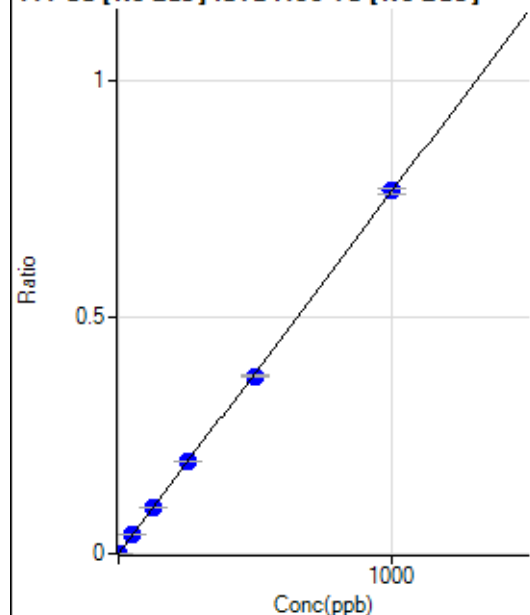
$$y = 0.0034 * x + 5.4368\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.00837$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.36	0.0002	P	16.9
2	☐	0.100					
3	☐	1.000	1.106	2170.45	0.0011	P	2.8
4	☐	50.000	52.375	82257.83	0.0403	P	0.4
5	☐	125.000	128.731	198841.88	0.0986	P	0.9
6	☐	250.000	252.906	390060.13	0.1935	P	0.4
7	☐	500.000	491.238	768364.39	0.3757	P	0.4
8	☐	1000.000	1003.069	1541452.83	0.7669	P	1.4
9	☐			832.55	0.0004	P	2.7

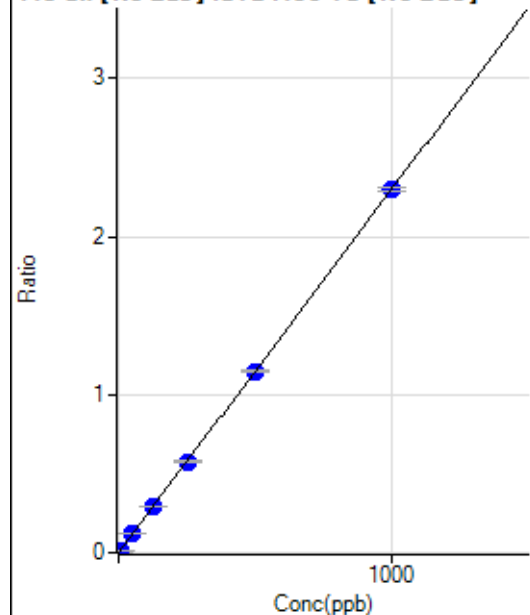
$$y = 7.6434\text{E-}004 * x + 2.2733\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1506$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.23	0.0001	P	12.1
2	☐	0.500					
3	☐	5.000	5.290	24867.43	0.0123	P	1.0
4	☐	50.000	51.917	244008.56	0.1194	P	0.3
5	☐	125.000	127.968	593116.22	0.2942	P	0.3
6	☐	250.000	250.969	1162503.79	0.5768	P	0.5
7	☐	500.000	500.261	2351016.96	1.1496	P	1.0
8	☐	1000.000	999.159	4614746.67	2.2959	P	1.1
9	☐			2567.00	0.0014	P	4.2

$$y = 0.0023 * x + 1.3482\text{E-}004$$

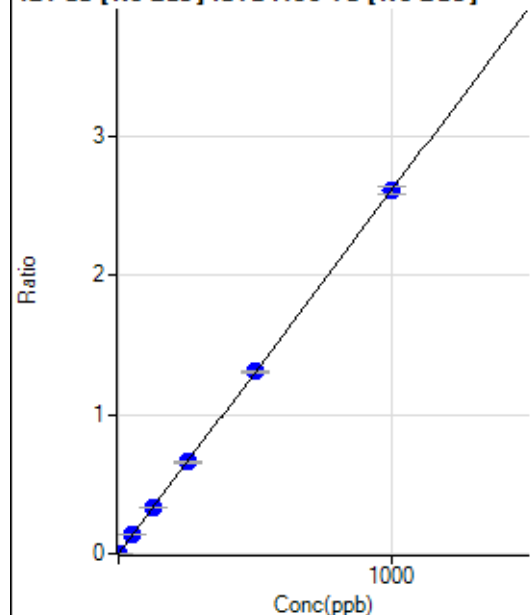
$$R = 1.0000$$

$$DL = 0.02128$$

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	44.45	0.0000	P	29.2
2	☐	0.200					
3	☐	2.000	2.050	10885.27	0.0054	P	1.0
4	☐	50.000	51.661	275955.18	0.1351	P	0.9
5	☐	125.000	126.436	666410.65	0.3305	P	0.3
6	☐	250.000	251.668	1325924.32	0.6579	P	0.4
7	☐	500.000	501.226	2679579.57	1.3102	P	0.5
8	☐	1000.000	998.707	5246967.35	2.6106	P	1.9
9	☐			5593.02	0.0030	P	7.3

$$y = 0.0026 * x + 2.2047E-005$$

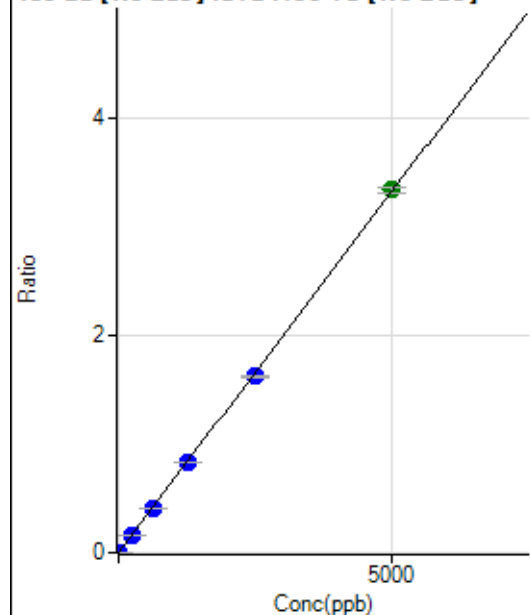
$$R = 1.0000$$

$$DL = 0.007397$$

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	27.78	0.0000	P	62.7
2	☐	1.000					
3	☐	10.000	10.392	13996.47	0.0069	P	1.4
4	☐	250.000	252.272	342454.93	0.1676	P	0.8
5	☐	625.000	624.119	836052.60	0.4147	P	0.7
6	☐	1250.000	1245.127	1667293.09	0.8272	P	0.4
7	☐	2500.000	2442.214	3318235.62	1.6225	P	1.0
8	☐	5000.000	5030.107	6716731.92	3.3419	A	1.7
9	☐			1480.69	0.0008	P	11.5

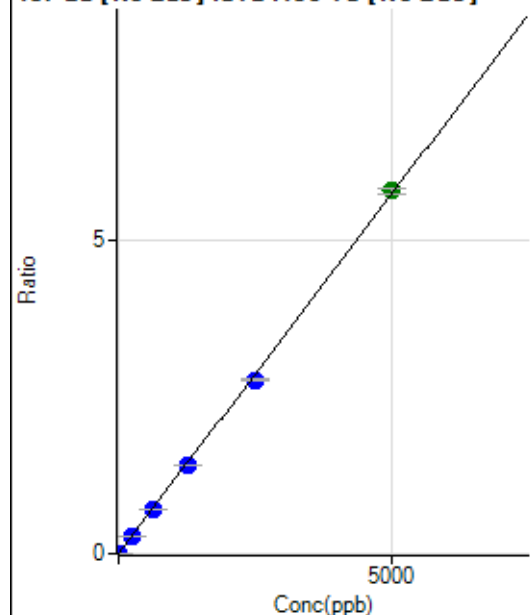
$$y = 6.6437E-004 * x + 1.3754E-005$$

$$R = 0.9999$$

$$DL = 0.03893$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	81.5
2	☐	1.000					
3	☐	10.000	10.358	24127.51	0.0119	P	2.3
4	☐	250.000	251.442	590484.61	0.2890	P	1.4
5	☐	625.000	616.925	1429684.99	0.7091	P	0.4
6	☐	1250.000	1232.449	2854957.10	1.4166	P	1.3
7	☐	2500.000	2417.339	5682430.81	2.7784	P	0.5
8	☐	5000.000	5046.655	11658606.94	5.8005	A	1.5
9	☐			2839.30	0.0015	P	5.6

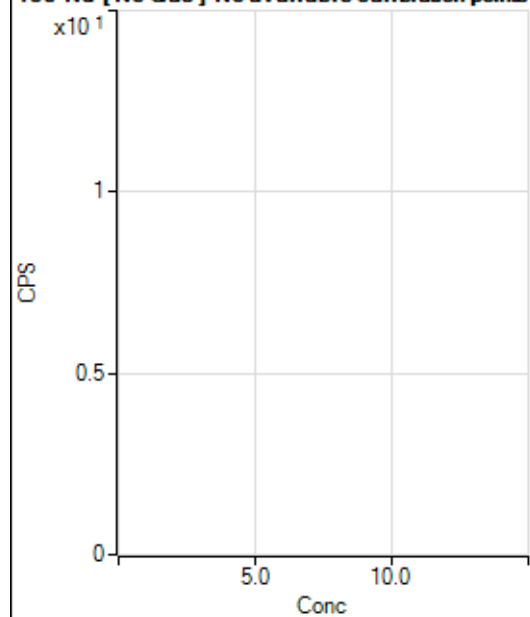
$$y = 0.0011 * x + 1.9289E-005$$

$$R = 0.9998$$

$$DL = 0.04105$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	173.2
2	☐						
3	☐			11.11		P	34.6
4	☐			51.11		P	54.3
5	☐			75.56		P	33.4
6	☐			115.56		P	16.7
7	☐			242.23		P	8.8
8	☐			488.91		P	8.8
9	☐			60.00		P	11.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐						
3	☐			14.44		P	58.1
4	☐			8.89		P	43.3
5	☐			12.22		P	41.7
6	☐			16.67		P	20.0
7	☐			17.78		P	43.3
8	☐			52.22		P	13.3
9	☐			25.56		P	32.8

156 Dy [No Gas] No available calibration points

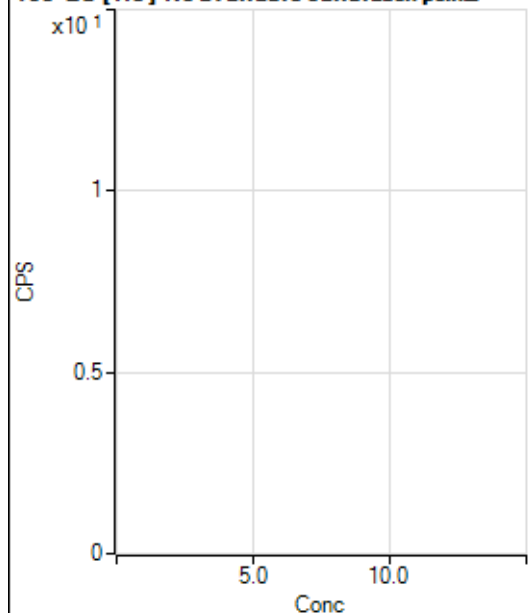
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			36.11		P	26.7
4	☐			19.44		P	89.2
5	☐			22.22		P	57.3
6	☐			33.33		P	50.0
7	☐			69.45		P	18.3
8	☐			130.56		P	18.4
9	☐			47.22		P	27.0

156 Dy [He] No available calibration points

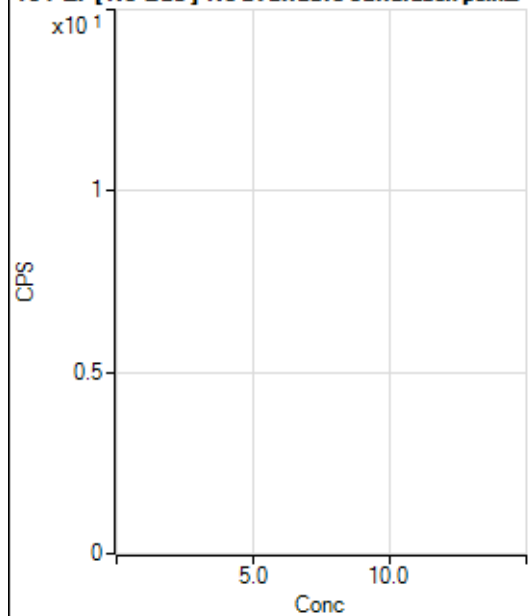
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	30.1
2	☐						
3	☐			15.55		P	24.8
4	☐			25.56		P	19.9
5	☐			34.44		P	5.6
6	☐			45.56		P	16.9
7	☐			78.89		P	4.9
8	☐			131.11		P	3.9
9	☐			27.78		P	48.5

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			13.89		P	69.3
4	☐			19.45		P	24.7
5	☐			16.67		P	86.6
6	☐			36.11		P	35.3
7	☐			41.67		P	60.0
8	☐			61.11		P	20.8
9	☐			27.78		P	45.8

160 Gd [He] No available calibration points

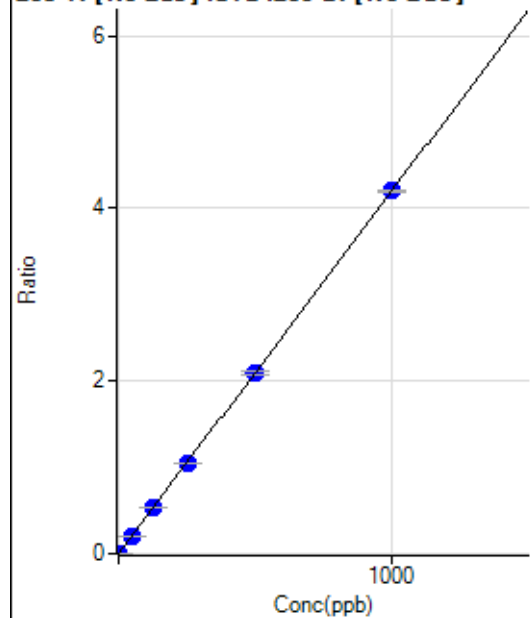
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	31.2
2	☐						
3	☐			51.11		P	15.1
4	☐			57.78		P	14.5
5	☐			60.00		P	5.5
6	☐			44.45		P	15.6
7	☐			45.55		P	15.2
8	☐			53.33		P	10.8
9	☐			58.89		P	17.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			36.11		P	66.6
4	☐			44.44		P	21.7
5	☐			44.45		P	28.7
6	☐			36.11		P	66.6
7	☐			36.11		P	93.3
8	☐			33.34		P	43.3
9	☐			38.89		P	75.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			47.78		P	10.7
2	☐						
3	☐			41.11		P	63.0
4	☐			32.22		P	36.3
5	☐			37.78		P	31.0
6	☐			45.55		P	8.5
7	☐			43.33		P	7.7
8	☐			53.33		P	16.5
9	☐			38.89		P	35.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	394.47	0.0003	P	9.7
2	☐	0.100					
3	☐	1.000	1.043	5679.24	0.0047	P	0.8
4	☐	50.000	49.678	255145.00	0.2087	P	0.9
5	☐	125.000	125.616	628508.22	0.5273	P	1.0
6	☐	250.000	247.652	1231521.63	1.0393	P	0.5
7	☐	500.000	498.018	2441801.59	2.0896	P	1.5
8	☐	1000.000	1001.517	4684583.44	4.2019	P	0.4
9	☐			1844.66	0.0019	P	11.0

$$y = 0.0042 * x + 3.2659E-004$$

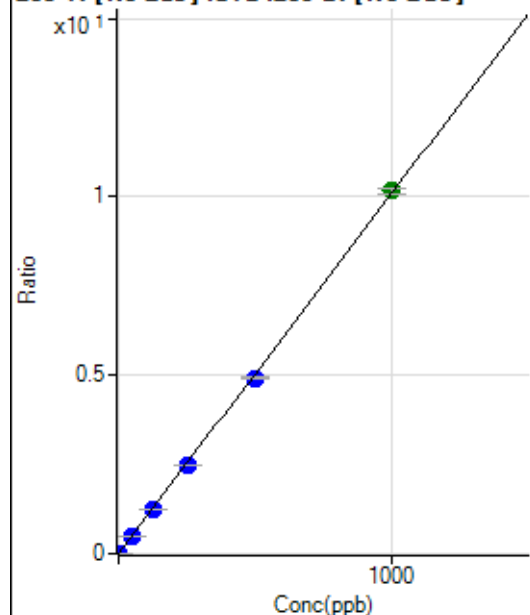
$$R = 1.0000$$

$$DL = 0.02257$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	563.93	0.0005	P	12.0
2	☐	0.100					
3	☐	1.000	1.003	12770.62	0.0106	P	4.2
4	☐	50.000	49.448	610054.61	0.4991	P	1.1
5	☐	125.000	123.014	1479110.15	1.2409	P	0.2
6	☐	250.000	245.214	2930428.17	2.4730	P	1.0
7	☐	500.000	487.155	5740573.79	4.9126	P	1.1
8	☐	1000.000	1007.895	11329908.94	10.1634	A	1.6
9	☐			4025.79	0.0042	P	7.3

$$y = 0.0101 * x + 4.6676E-004$$

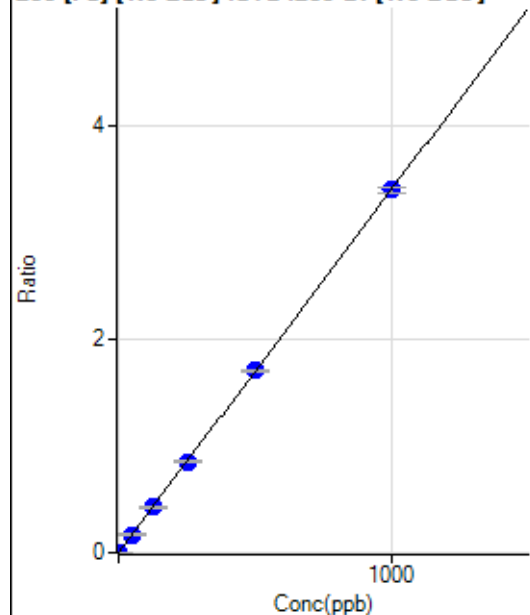
$$R = 0.9999$$

$$DL = 0.01666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.81	0.0005	P	9.8
2	☐	0.100					
3	☐	1.000	1.012	4784.33	0.0040	P	3.9
4	☐	50.000	50.016	208736.36	0.1708	P	1.1
5	☐	125.000	124.406	505298.93	0.4240	P	1.8
6	☐	250.000	250.501	1010929.75	0.8532	P	1.2
7	☐	500.000	501.164	1994056.19	1.7064	P	1.0
8	☐	1000.000	999.366	3792776.88	3.4023	P	1.6
9	☐			10915.90	0.0115	P	4.3

$$y = 0.0034 * x + 5.1980E-004$$

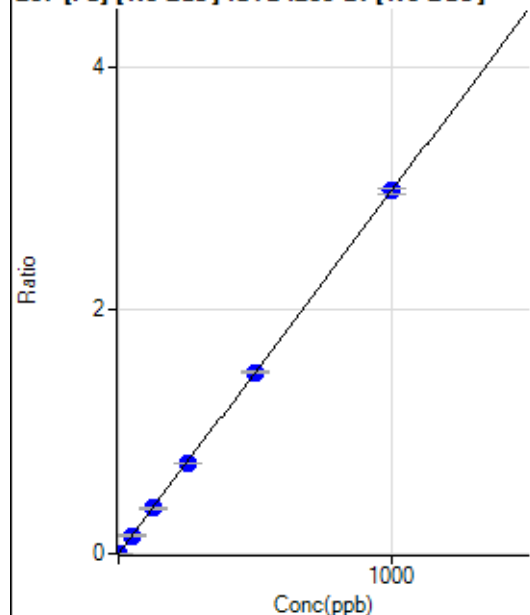
$$R = 1.0000$$

$$DL = 0.04471$$

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	681.52	0.0006	P	1.1
2	☐	0.100					
3	☐	1.000	1.008	4304.52	0.0036	P	2.8
4	☐	50.000	50.046	182844.93	0.1496	P	1.2
5	☐	125.000	124.917	444043.82	0.3725	P	0.9
6	☐	250.000	248.011	875713.24	0.7391	P	1.3
7	☐	500.000	500.725	1743068.34	1.4916	P	0.8
8	☐	1000.000	1000.143	3320693.85	2.9788	P	1.7
9	☐			9575.96	0.0101	P	5.0

$$y = 0.0030 * x + 5.6437E-004$$

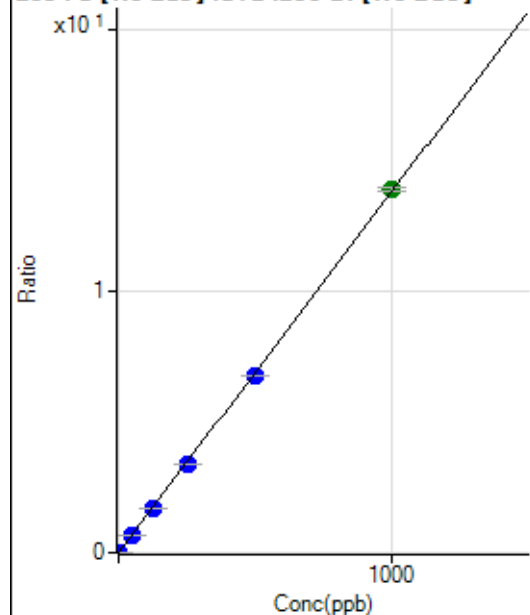
$$R = 1.0000$$

$$DL = 0.006138$$

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	2385.33	0.0020	P	2.1
2	☐	0.100					
3	☐	1.000	0.991	18881.58	0.0156	P	2.6
4	☐	50.000	49.356	834523.94	0.6828	P	1.4
5	☐	125.000	122.673	2019075.64	1.6940	P	1.2
6	☐	250.000	244.146	3992502.01	3.3696	P	0.9
7	☐	500.000	490.878	7914391.27	6.7728	P	0.9
8	☐	1000.000	1006.348	15476755.01	13.8828	A	1.1
9	☐			43480.86	0.0459	P	3.7

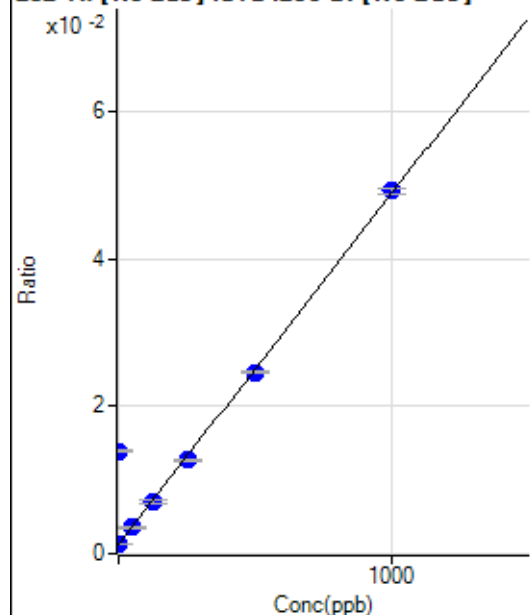
$$y = 0.0138 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.009227$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1542.74	0.0013	P	4.6
2	☐	0.100					
3	☐	1.000	265.765	16829.85	0.0139	P	2.1
4	☐	50.000	48.611	4391.61	0.0036	P	4.4
5	☐	125.000	121.907	8447.44	0.0071	P	5.6
6	☐	250.000	240.359	15083.21	0.0127	P	2.8
7	☐	500.000	489.503	28752.60	0.0246	P	1.1
8	☐	1000.000	1007.850	54964.40	0.0493	P	1.3
9	☐			1759.43	0.0019	P	7.1

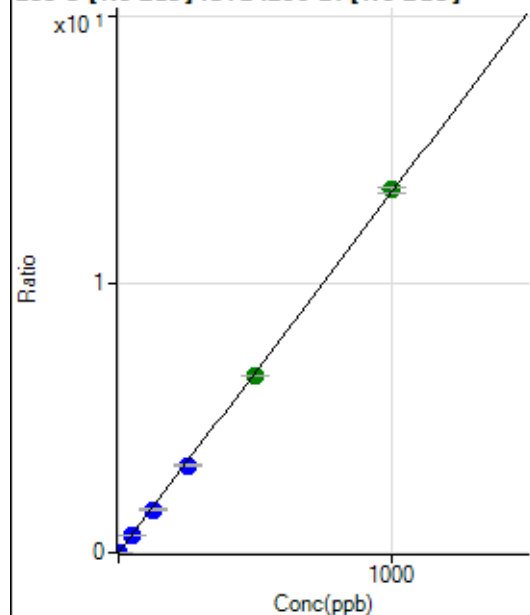
$$y = 4.7653\text{E-}005 * x + 0.0013$$

$$R = 0.9608$$

$$DL = 3.676$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2264.19	0.0019	P	7.6
2	☐	0.100					
3	☐	1.000	0.971	17971.53	0.0149	P	3.3
4	☐	50.000	48.202	792058.00	0.6480	P	0.7
5	☐	125.000	119.681	1914152.39	1.6061	P	1.6
6	☐	250.000	241.595	3839333.81	3.2402	P	1.1
7	☐	500.000	490.914	7692108.51	6.5822	A	0.4
8	☐	1000.000	1007.399	15055425.34	13.5052	A	1.4
9	☐			4117.51	0.0043	P	3.4

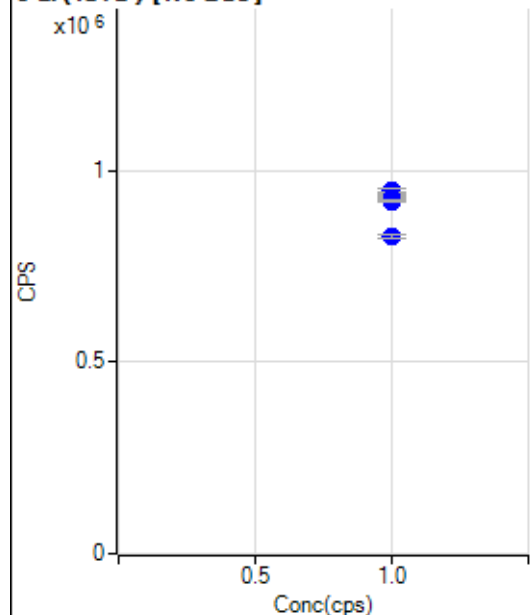
$$y = 0.0134 * x + 0.0019$$

$$R = 0.9999$$

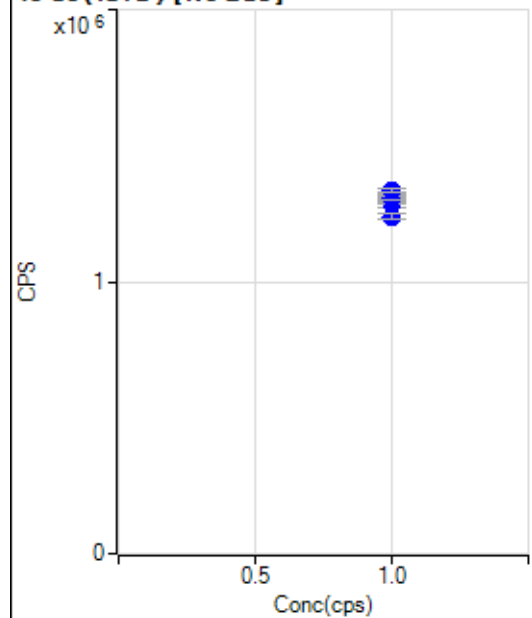
$$DL = 0.03192$$

Weight: <None>

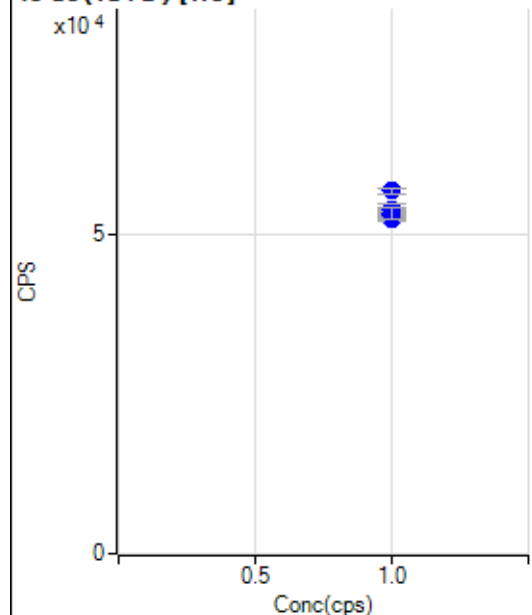
Min Conc: 0

6 Li (ISTD) [No Gas]

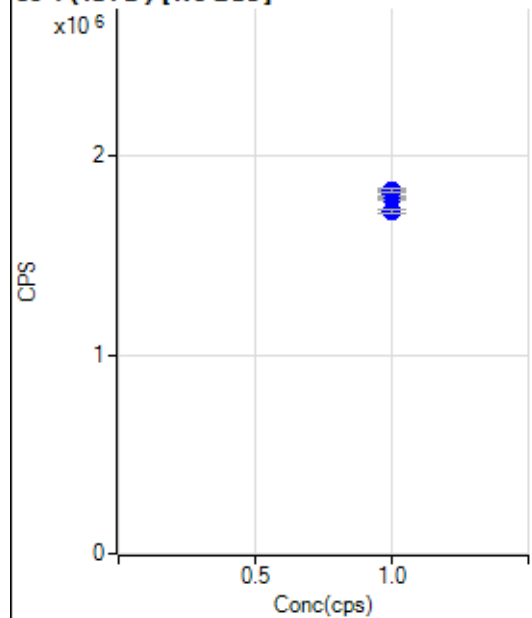
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		924338.21		P	0.6
2	☐	1.000					
3	☐	1.000		936281.43		P	0.9
4	☐	1.000		946828.82		P	1.1
5	☐	1.000		927684.83		P	0.5
6	☐	1.000		921392.22		P	0.3
7	☐	1.000		920718.47		P	0.7
8	☐	1.000		921611.69		P	0.7
9	☐	1.000		826728.55		P	1.0

45 Sc (ISTD) [No Gas]

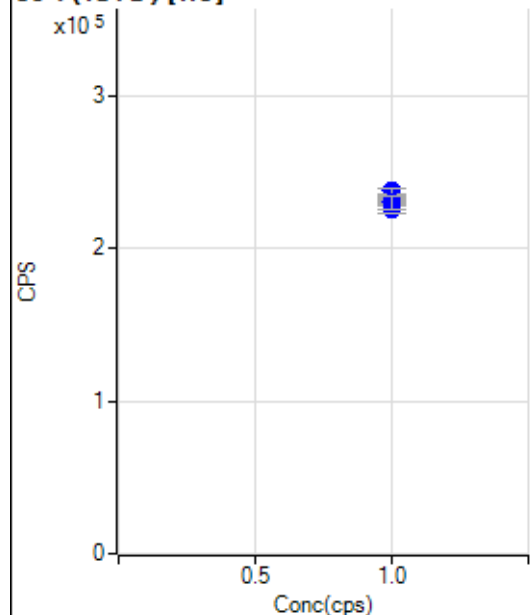
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1291016.75		P	2.3
2	☐	1.000					
3	☐	1.000		1308517.01		P	0.8
4	☐	1.000		1317828.55		P	0.9
5	☐	1.000		1304121.18		P	0.6
6	☐	1.000		1290073.05		P	0.9
7	☐	1.000		1307337.13		P	1.1
8	☐	1.000		1334295.67		P	1.0
9	☐	1.000		1240422.10		P	2.1

45 Sc (ISTD) [He]

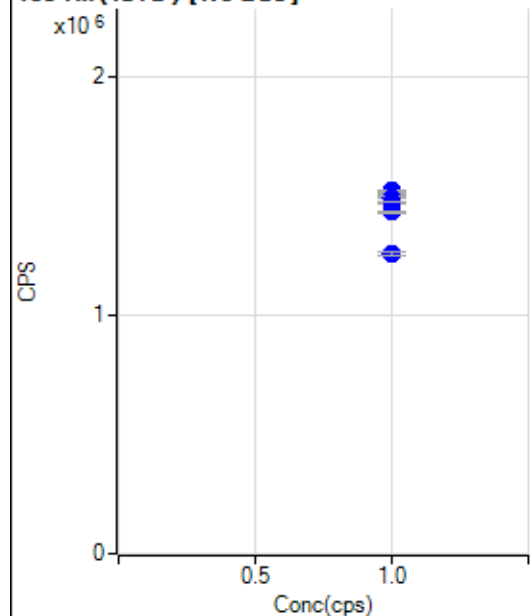
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		52409.37		P	1.6
2	☐	1.000					
3	☐	1.000		52823.18		P	3.2
4	☐	1.000		53195.42		P	1.2
5	☐	1.000		52988.05		P	1.0
6	☐	1.000		53761.89		P	0.1
7	☐	1.000		54017.18		P	3.0
8	☐	1.000		56824.37		P	1.4
9	☐	1.000		53386.18		P	3.3

89 Y (ISTD) [No Gas]

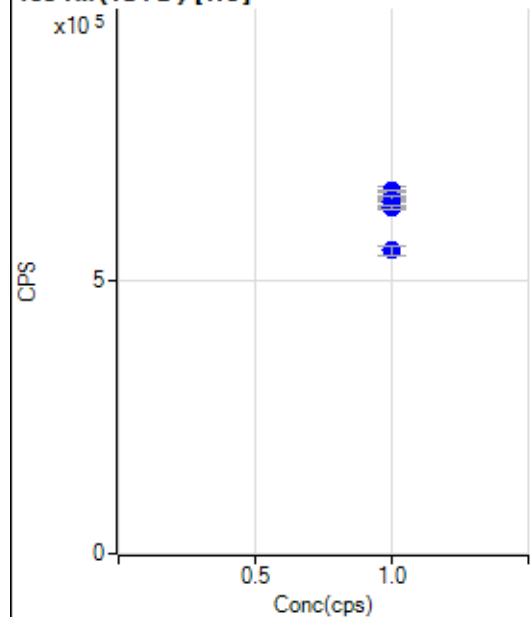
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1788605.93		P	0.5
2	☐	1.000					
3	☐	1.000		1809522.46		P	1.0
4	☐	1.000		1821418.27		P	0.7
5	☐	1.000		1794756.94		P	0.7
6	☐	1.000		1788392.22		P	0.5
7	☐	1.000		1807990.72		P	0.9
8	☐	1.000		1826659.45		P	0.9
9	☐	1.000		1723710.36		P	1.6

89 Y(ISTD) [He]

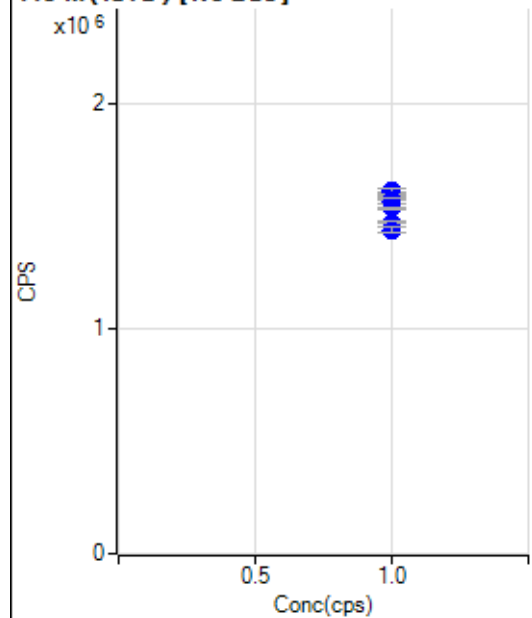
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		226141.69		P	2.4
2	☐	1.000					
3	☐	1.000		229629.04		P	2.9
4	☐	1.000		232057.03		P	0.9
5	☐	1.000		229057.71		P	0.8
6	☐	1.000		231096.41		P	0.6
7	☐	1.000		230808.75		P	2.6
8	☐	1.000		237923.58		P	1.6
9	☐	1.000		230154.01		P	4.2

103 Rh(ISTD) [No Gas]

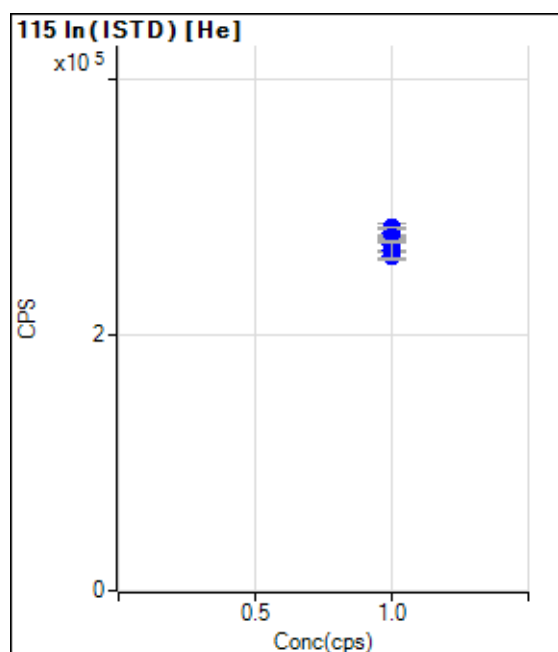
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1501360.60		P	0.9
2	☐	1.000					
3	☐	1.000		1510306.63		P	0.7
4	☐	1.000		1520277.52		P	0.7
5	☐	1.000		1487031.26		P	1.3
6	☐	1.000		1467700.88		P	0.2
7	☐	1.000		1474206.05		P	0.3
8	☐	1.000		1433028.76		P	0.7
9	☐	1.000		1257878.19		P	1.1

103 Rh (ISTD) [He]

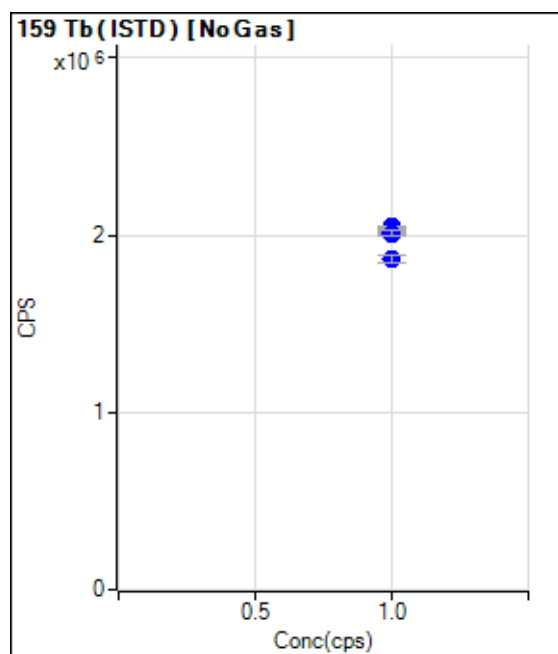
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		651128.61		P	3.0
2	☐	1.000					
3	☐	1.000		659394.57		P	3.5
4	☐	1.000		662452.59		P	0.4
5	☐	1.000		645191.11		P	0.5
6	☐	1.000		647456.37		P	0.4
7	☐	1.000		643651.54		P	3.3
8	☐	1.000		632202.20		P	1.1
9	☐	1.000		553143.25		P	3.7

115 In (ISTD) [No Gas]

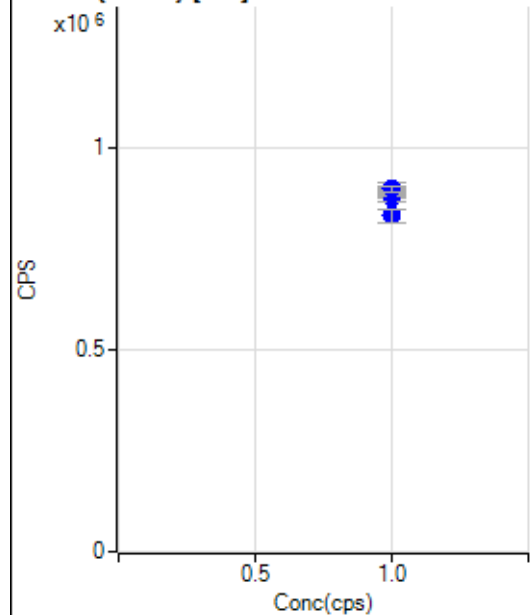
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1602250.58		P	1.1
2	☐	1.000					
3	☐	1.000		1612463.53		P	1.7
4	☐	1.000		1614933.98		P	1.3
5	☐	1.000		1578164.06		P	0.8
6	☐	1.000		1570025.94		P	1.3
7	☐	1.000		1539125.92		P	0.6
8	☐	1.000		1476470.93		P	0.7
9	☐	1.000		1440424.44		P	1.6



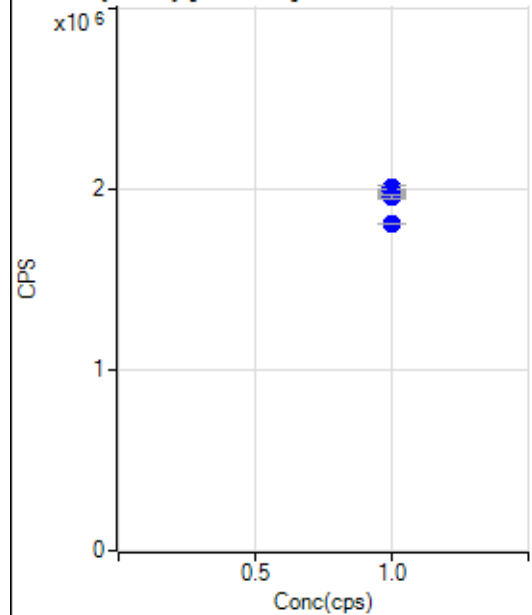
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		280792.80		P	1.5
2	☐	1.000					
3	☐	1.000		283547.66		P	3.3
4	☐	1.000		284178.16		P	0.3
5	☐	1.000		276749.41		P	0.5
6	☐	1.000		274504.08		P	0.3
7	☐	1.000		270503.91		P	2.9
8	☐	1.000		261847.97		P	1.9
9	☐	1.000		267022.70		P	4.5



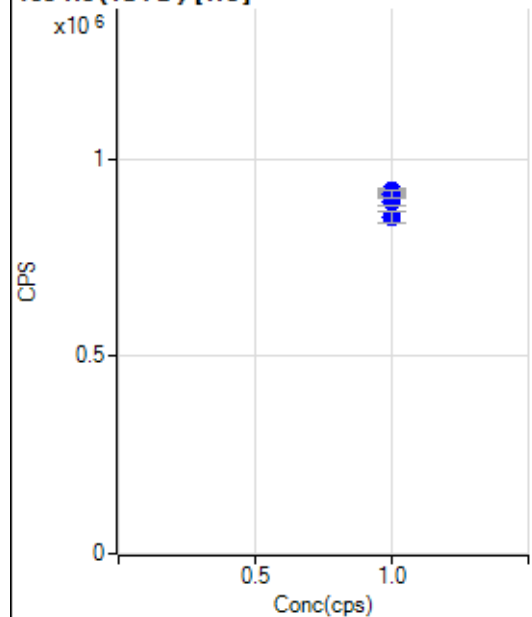
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2018749.68		P	1.1
2	☐	1.000					
3	☐	1.000		2023438.75		P	0.8
4	☐	1.000		2043182.12		P	1.0
5	☐	1.000		2016235.61		P	0.6
6	☐	1.000		2015480.23		P	0.7
7	☐	1.000		2045170.23		P	0.7
8	☐	1.000		2010124.80		P	1.2
9	☐	1.000		1861471.52		P	2.1

159 Tb (ISTD) [He]

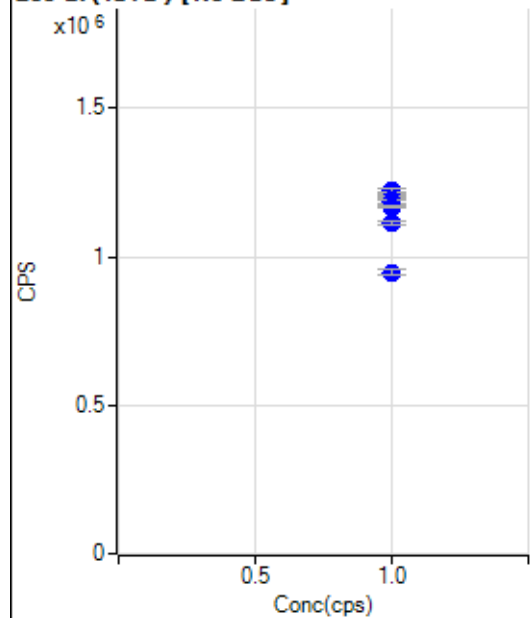
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		877225.62		P	2.5
2	☐	1.000					
3	☐	1.000		888606.99		P	2.7
4	☐	1.000		895233.46		P	0.8
5	☐	1.000		883307.47		P	0.7
6	☐	1.000		896365.38		P	0.8
7	☐	1.000		896493.59		P	4.0
8	☐	1.000		897066.26		P	1.5
9	☐	1.000		830847.81		P	3.8

165 Ho (ISTD) [No Gas]

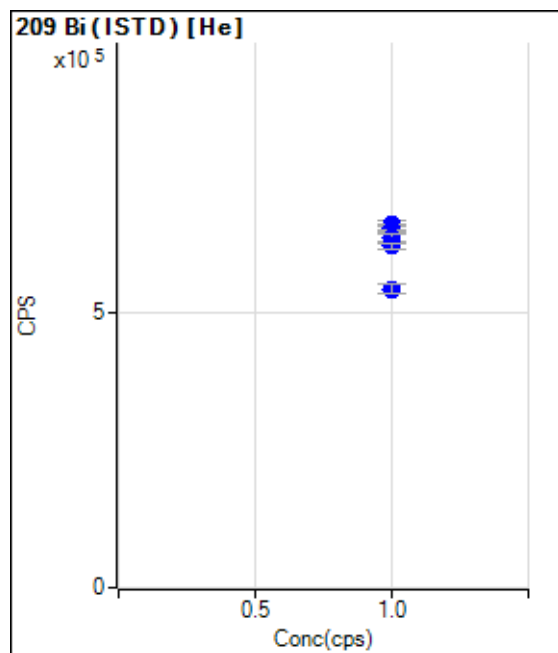
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1965772.87		P	0.2
2	☐	1.000					
3	☐	1.000		1963484.72		P	0.9
4	☐	1.000		2007848.13		P	1.1
5	☐	1.000		1973069.95		P	1.9
6	☐	1.000		1978567.62		P	0.9
7	☐	1.000		1989820.01		P	1.0
8	☐	1.000		1961611.85		P	1.0
9	☐	1.000		1811577.36		P	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		891464.81		P	2.4
2	☐	1.000					
3	☐	1.000		909515.98		P	1.9
4	☐	1.000		911299.97		P	0.6
5	☐	1.000		908443.40		P	0.5
6	☐	1.000		919530.39		P	0.4
7	☐	1.000		913528.28		P	3.0
8	☐	1.000		911260.92		P	1.8
9	☐	1.000		851992.60		P	3.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1207624.76		P	0.6
2	☐	1.000					
3	☐	1.000		1207337.70		P	1.5
4	☐	1.000		1222406.01		P	1.1
5	☐	1.000		1192039.27		P	1.8
6	☐	1.000		1184938.71		P	0.9
7	☐	1.000		1168609.85		P	0.9
8	☐	1.000		1114876.02		P	0.9
9	☐	1.000		947646.38		P	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		651487.46		P	1.2
2	☐	1.000					
3	☐	1.000		658082.76		P	2.6
4	☐	1.000		658599.16		P	0.3
5	☐	1.000		649558.80		P	0.4
6	☐	1.000		648722.21		P	0.5
7	☐	1.000		634323.33		P	2.2
8	☐	1.000		619784.11		P	1.5
9	☐	1.000		542520.56		P	3.2

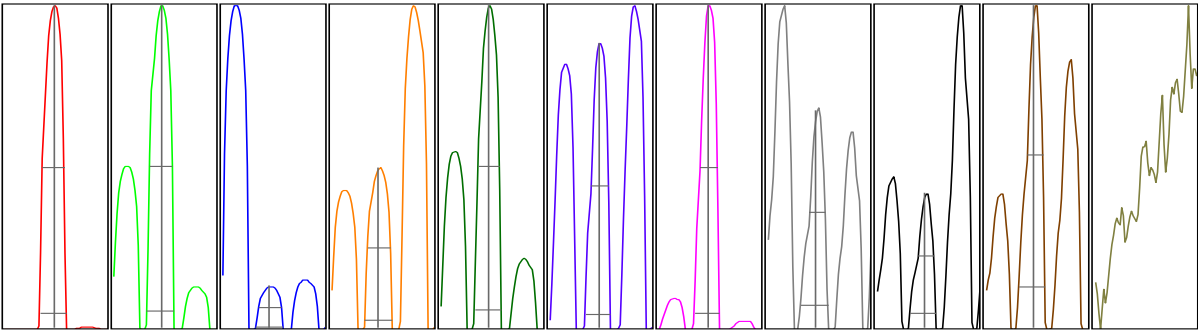
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P71105 2019MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	10261	1.02	5.00	
24	81338	1.07	5.00	
25	10851	0.83	5.00	
26	12714	0.88	5.00	
59	50431	0.92	5.00	
113	5874	1.10	5.00	
115	68447	0.56	5.00	
206	14549	0.80	5.00	
207	13549	0.75	5.00	
208	31101	0.58	5.00	
220	79	3.80		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	10119	10178	10345	10323	10340
24	79862	81419	81494	81761	82154
25	10697	10854	10913	10873	10919
26	12542	12686	12745	12752	12844
59	49668	50322	50672	50691	50804
113	5788	5821	5913	5923	5925
115	68261	68181	68289	68388	69114
206	14369	14523	14550	14641	14663
207	13415	13671	13491	13617	13552
208	30832	31011	31196	31171	31295
220	81	82	75	76	79

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	17443	9.00	8.9 - 9.1		0.780	0.900	
24	131790	23.95	23.9 - 24.1		0.785	0.900	
25	17500	24.90	24.9 - 25.1		0.787	0.900	
26	20260	25.90	25.9 - 26.1		0.788	0.900	
59	86084	58.95	58.9 - 59.1		0.783	0.900	
113	11207	113.00	112.9 - 113.1		0.733	0.900	
115	133293	115.00	114.9 - 115.1		0.731	0.900	
206	28803	205.95	205.9 - 206.1		0.787	0.900	
207	26028	206.95	206.9 - 207.1		0.745	0.900	
208	61921	207.95	207.9 - 208.1		0.754	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.1	V	Deflect	13.4	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	12226	2.07	
89	9698	2.15	
205	11850	1.78	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	12397	12555	12085	11915	12180
89	9777	9988	9701	9428	9595
205	11874	12196	11772	11637	11771

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.1	V	Deflect	1.6	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:04:44 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.17	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	-0.07	0.07	0.00	N/A	ppb
Boron	11-1	0.07	-0.02	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.06	0.03	0.00	N/A	ppb
Cadmium	106-1	0.30	-0.70	0.41	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.05	-0.02	0.00	N/A	ppb
Calcium	43-1	-1.39	0.43	0.96	0.00	N/A	ppb
Calcium	44-1	-0.10	-0.50	0.60	0.00	N/A	ppb
Chromium	52-2	0.02	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.10	-0.02	0.12	0.00	N/A	ppb
Iron	57-2	0.57	-0.10	-0.47	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.14	0.18	0.00	N/A	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:04:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.04	0.07	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-350.88	-186.10	-233.13	-256.70		ppb
Potassium	39-2	1.23	-2.65	1.43	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	-0.06	0.55	0.00	N/A	ppb
Selenium	82-1	0.24	0.61	-0.85	0.00	N/A	ppb
Silicon	28-1	-0.37	-0.17	0.54	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.34	0.99	-0.65	0.00	N/A	ppb
Strontium	86-1	0.00	0.10	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-6240.21	-1541.91	6394.26	-462.62		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	0.00	-0.01	0.00	N/A	ppb
Thorium	232-1	0.90	0.49	-1.39	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.05	0.03	0.00	N/A	ppb
Uranium	238-1	0.01	-0.01	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:04:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.06	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	19.01	17.91	19.16	6.90	ppb
Antimony	121-1	2.03	2.05	2.07	2.05	0.96	ppb
Arsenic	75-2	1.12	1.05	1.19	1.12	6.22	ppb
Barium	135-1	10.25	10.54	10.39	10.39	1.40	ppb
Barium	137-1	10.52	10.47	10.08	10.36	2.32	ppb
Beryllium	9-1	1.09	1.10	1.02	1.07	4.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	25.09	24.09	24.70	24.63	2.06	ppb
Boron	11-1	24.60	24.69	25.40	24.90	1.76	ppb
Cadmium	111-1	1.15	1.10	1.07	1.11	3.59	ppb
Cadmium	106-1	1.27	1.35	1.63	1.42	13.47	ppb
Cadmium	108-1	0.98	1.03	1.26	1.09	13.93	ppb
Calcium	43-1	485.96	506.22	515.44	502.54	3.00	ppb
Calcium	44-1	495.88	507.51	502.77	502.05	1.17	ppb
Chromium	52-2	2.13	2.27	2.13	2.18	3.70	ppb
Cobalt	59-2	1.23	1.16	1.08	1.16	6.72	ppb
Copper	63-2	2.52	2.51	2.17	2.40	8.36	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				101		%
Indium	115-2				101		%
Iron	56-2	58.67	59.84	55.94	58.15	3.44	ppb
Iron	57-2	62.35	61.78	59.12	61.08	2.83	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.04	0.96	1.01	4.45	ppb
Lead	207-1	1.01	1.04	0.97	1.01	3.27	ppb
Lead	208-1	0.99	1.02	0.96	0.99	2.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	550.02	571.68	526.72	549.47	4.09	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.25	1.29	1.28	1.73	ppb
Molybdenum	94-1	4.88	5.02	5.29	5.06	4.15	ppb
Molybdenum	95-1	4.94	5.21	5.04	5.06	2.68	ppb
Molybdenum	96-1	5.10	5.30	5.10	5.16	2.25	ppb
Molybdenum	97-1	5.21	4.84	4.96	5.01	3.80	ppb
Molybdenum	98-1	5.09	5.18	5.16	5.14	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.11	1.10	1.12	2.69	ppb
Phosphorus	31-2	215.25	374.00	180.85	256.70	40.14	ppb
Potassium	39-2	506.07	514.70	469.81	496.86	4.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	6.65	5.67	6.55	6.29	8.53	ppb
Selenium	78-2	6.63	8.38	6.11	7.04	16.86	ppb
Selenium	82-1	6.27	6.42	6.63	6.44	2.77	ppb
Silicon	28-1	7.19	8.06	7.61	7.62	5.76	ppb
Silver	109-1	1.08	1.04	1.10	1.07	2.87	ppb
Silver	107-1	1.05	1.03	1.06	1.05	1.81	ppb
Sodium	23-2	513.91	518.68	491.58	508.06	2.85	ppb
Strontium	86-1	0.92	0.89	1.14	0.98	13.56	ppb
Strontium	88-1	1.07	1.03	1.07	1.06	2.12	ppb
Sulfur	34-1	-3055.50	2610.39	1832.98	462.62	663.93	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.05	1.05	1.03	1.04	0.88	ppb
Thallium	205-1	0.97	1.05	0.99	1.00	4.41	ppb
Thorium	232-1	264.58	272.40	260.31	265.76	2.31	ppb
Tin	118-1	5.23	5.33	5.30	5.29	0.98	ppb
Titanium	47-1	5.82	4.99	5.30	5.37	7.75	ppb
Uranium	238-1	0.93	1.00	0.98	0.97	3.80	ppb
Vanadium	51-2	5.82	6.00	5.41	5.74	5.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.41	2.56	2.71	2.56	5.90	ppb
Zirconium	90-1	0.91	0.90	0.95	0.92	2.73	ppb
Zirconium	91-1	0.91	0.96	0.95	0.94	2.62	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:16:10 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	986.11	1011.06	1011.89	1003.02	1.46	ppb
Antimony	121-1	51.53	52.18	51.28	51.66	0.90	ppb
Arsenic	75-2	50.29	51.29	51.37	50.98	1.18	ppb
Barium	135-1	250.58	254.33	251.90	252.27	0.75	ppb
Barium	137-1	249.24	255.58	249.51	251.44	1.43	ppb
Beryllium	9-1	50.91	50.31	51.61	50.94	1.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	50.71	49.85	49.64	50.07	1.13	ppb
Boron	11-1	50.64	51.56	51.25	51.15	0.91	ppb
Cadmium	111-1	52.35	52.60	52.17	52.38	0.41	ppb
Cadmium	106-1	52.80	50.39	51.18	51.46	2.39	ppb
Cadmium	108-1	52.84	53.43	53.50	53.26	0.68	ppb
Calcium	43-1	4868.70	4840.83	4919.47	4876.33	0.82	ppb
Calcium	44-1	4946.70	4983.32	4993.54	4974.52	0.50	ppb
Chromium	52-2	52.91	53.20	53.83	53.32	0.89	ppb
Cobalt	59-2	53.21	55.07	54.56	54.28	1.77	ppb
Copper	63-2	106.72	107.97	108.15	107.61	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2612.55	2638.84	2672.08	2641.16	1.13	ppb
Iron	57-2	2568.31	2650.05	2657.10	2625.15	1.88	ppb
Krypton	83-1						cps
Lead	206-1	50.34	49.39	50.31	50.02	1.08	ppb
Lead	207-1	49.80	49.58	50.76	50.05	1.25	ppb
Lead	208-1	49.62	48.55	49.90	49.36	1.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	5131.84	5279.43	5240.84	5217.37	1.47	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:16:10 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.51	104.73	108.40	105.88	2.06	ppb
Molybdenum	94-1	256.12	253.74	249.98	253.28	1.22	ppb
Molybdenum	95-1	253.18	252.06	250.40	251.88	0.56	ppb
Molybdenum	96-1	251.45	249.92	250.30	250.55	0.32	ppb
Molybdenum	97-1	246.84	252.79	255.38	251.67	1.74	ppb
Molybdenum	98-1	251.75	250.87	254.18	252.27	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.64	56.29	55.74	55.22	2.53	ppb
Phosphorus	31-2	845.80	742.25	819.82	802.62	6.71	ppb
Potassium	39-2	2415.66	2383.90	2420.71	2406.76	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	51.13	55.05	41.60	49.26	14.04	ppb
Selenium	78-2	57.28	56.97	56.82	57.02	0.41	ppb
Selenium	82-1	54.44	52.94	54.54	53.97	1.66	ppb
Silicon	28-1	51.76	52.01	52.65	52.14	0.89	ppb
Silver	109-1	51.55	52.24	50.86	51.55	1.33	ppb
Silver	107-1	51.37	52.66	51.76	51.93	1.27	ppb
Sodium	23-2	5040.67	5099.90	5143.19	5094.59	1.01	ppb
Strontium	86-1	50.53	49.80	51.53	50.62	1.71	ppb
Strontium	88-1	49.97	50.86	51.37	50.74	1.40	ppb
Sulfur	34-1	-5023.17	-5594.29	-2614.51	-4410.66		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.86	49.17	50.01	49.68	0.91	ppb
Thallium	205-1	49.98	48.94	49.42	49.45	1.06	ppb
Thorium	232-1	48.11	45.55	52.17	48.61	6.87	ppb
Tin	118-1	51.94	52.04	51.77	51.92	0.26	ppb
Titanium	47-1	254.35	253.58	258.55	255.50	1.05	ppb
Uranium	238-1	48.14	47.92	48.55	48.20	0.66	ppb
Vanadium	51-2	50.99	51.76	52.64	51.80	1.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:16:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.98	107.36	106.65	105.99	1.68	ppb
Zirconium	90-1	49.50	49.95	50.30	49.92	0.81	ppb
Zirconium	91-1	49.79	51.71	49.16	50.22	2.64	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:20:05 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2415.83	2429.95	2441.39	2429.05	0.53	ppb
Antimony	121-1	125.99	126.69	126.62	126.44	0.30	ppb
Arsenic	75-2	125.63	126.54	126.11	126.09	0.36	ppb
Barium	135-1	628.24	620.02	624.10	624.12	0.66	ppb
Barium	137-1	614.56	616.62	619.59	616.92	0.41	ppb
Beryllium	9-1	126.61	125.46	126.62	126.23	0.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	124.30	126.48	132.25	127.68	3.22	ppb
Boron	11-1	128.82	127.87	129.05	128.58	0.49	ppb
Cadmium	111-1	129.55	127.46	129.19	128.73	0.87	ppb
Cadmium	106-1	131.59	133.04	125.32	129.98	3.16	ppb
Cadmium	108-1	121.92	129.61	129.02	126.85	3.37	ppb
Calcium	43-1	12076.92	12170.93	12296.61	12181.49	0.90	ppb
Calcium	44-1	12363.48	12236.97	12428.46	12342.97	0.79	ppb
Chromium	52-2	129.60	130.51	128.16	129.42	0.92	ppb
Cobalt	59-2	130.11	134.45	130.51	131.69	1.82	ppb
Copper	63-2	256.42	262.41	257.20	258.68	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				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	6385.14	6455.43	6405.12	6415.23	0.56	ppb
Iron	57-2	6242.43	6417.23	6331.01	6330.22	1.38	ppb
Krypton	83-1						cps
Lead	206-1	124.67	122.02	126.53	124.41	1.82	ppb
Lead	207-1	125.63	123.69	125.43	124.92	0.85	ppb
Lead	208-1	122.77	121.20	124.05	122.67	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	12825.81	12612.89	12666.73	12701.81	0.87	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:20:05	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.67	262.01	258.30	259.99	0.72	ppb
Molybdenum	94-1	630.36	625.60	631.83	629.26	0.52	ppb
Molybdenum	95-1	630.79	625.80	622.16	626.25	0.69	ppb
Molybdenum	96-1	622.49	625.85	619.49	622.61	0.51	ppb
Molybdenum	97-1	624.86	612.15	620.83	619.28	1.05	ppb
Molybdenum	98-1	634.78	613.62	618.46	622.29	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.00	135.13	131.89	132.67	1.64	ppb
Phosphorus	31-2	2144.12	1819.42	1938.64	1967.39	8.35	ppb
Potassium	39-2	5846.50	5900.93	5798.93	5848.79	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	139.29	124.54	118.21	127.35	8.49	ppb
Selenium	78-2	128.99	124.04	131.30	128.11	2.89	ppb
Selenium	82-1	130.97	132.18	131.95	131.70	0.49	ppb
Silicon	28-1	131.56	131.33	131.72	131.54	0.15	ppb
Silver	109-1	126.66	126.74	127.91	127.10	0.55	ppb
Silver	107-1	125.92	127.17	126.71	126.60	0.50	ppb
Sodium	23-2	12385.77	12427.91	12364.33	12392.67	0.26	ppb
Strontium	86-1	125.55	124.96	126.27	125.59	0.52	ppb
Strontium	88-1	125.36	124.49	123.30	124.38	0.83	ppb
Sulfur	34-1	-8930.14	-7148.25	-5723.31	-7267.23		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	126.23	124.22	126.39	125.62	0.96	ppb
Thallium	205-1	123.00	122.74	123.30	123.01	0.23	ppb
Thorium	232-1	112.50	125.19	128.04	121.91	6.79	ppb
Tin	118-1	127.79	128.38	127.73	127.97	0.28	ppb
Titanium	47-1	630.81	622.82	627.51	627.05	0.64	ppb
Uranium	238-1	119.62	117.77	121.65	119.68	1.62	ppb
Vanadium	51-2	126.03	127.84	125.86	126.58	0.87	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:20:05	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	250.63	250.92	248.11	249.89	0.62	ppb
Zirconium	90-1	126.56	122.94	124.51	124.67	1.45	ppb
Zirconium	91-1	126.54	124.79	126.56	125.96	0.81	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:23:57 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4791.45	4748.88	4728.96	4756.43	0.67	ppb
Antimony	121-1	250.72	251.82	252.47	251.67	0.35	ppb
Arsenic	75-2	250.60	249.35	252.75	250.90	0.69	ppb
Barium	135-1	1245.26	1249.95	1240.16	1245.13	0.39	ppb
Barium	137-1	1217.66	1248.88	1230.81	1232.45	1.27	ppb
Beryllium	9-1	249.50	251.83	252.51	251.28	0.63	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	250.86	251.31	258.95	253.70	1.79	ppb
Boron	11-1	256.89	256.32	258.83	257.34	0.51	ppb
Cadmium	111-1	252.68	252.01	254.03	252.91	0.41	ppb
Cadmium	106-1	249.51	245.23	250.13	248.29	1.07	ppb
Cadmium	108-1	251.09	250.78	253.14	251.67	0.51	ppb
Calcium	43-1	23778.97	24909.60	24175.38	24287.99	2.36	ppb
Calcium	44-1	24332.91	24694.15	24279.14	24435.40	0.92	ppb
Chromium	52-2	255.79	252.46	256.93	255.06	0.91	ppb
Cobalt	59-2	256.60	260.45	256.87	257.97	0.83	ppb
Copper	63-2	501.03	510.29	499.77	503.70	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	12590.64	12622.22	12702.67	12638.51	0.46	ppb
Iron	57-2	12650.10	12595.54	12532.80	12592.82	0.47	ppb
Krypton	83-1						cps
Lead	206-1	253.50	247.61	250.39	250.50	1.18	ppb
Lead	207-1	250.19	244.34	249.50	248.01	1.29	ppb
Lead	208-1	245.91	241.69	244.83	244.15	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	24808.59	24944.10	24684.88	24812.52	0.52	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:23:57 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.29	508.10	513.41	509.94	0.59	ppb
Molybdenum	94-1	1246.01	1248.59	1258.90	1251.17	0.55	ppb
Molybdenum	95-1	1225.47	1236.08	1259.34	1240.30	1.40	ppb
Molybdenum	96-1	1224.72	1227.99	1248.25	1233.65	1.03	ppb
Molybdenum	97-1	1233.24	1220.88	1252.24	1235.46	1.28	ppb
Molybdenum	98-1	1227.03	1219.66	1231.65	1226.11	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.51	262.40	259.83	260.58	0.61	ppb
Phosphorus	31-2	4328.49	4906.48	4827.10	4687.36	6.68	ppb
Potassium	39-2	11501.16	11443.20	11368.66	11437.67	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	246.67	232.99	231.63	237.10	3.51	ppb
Selenium	78-2	257.27	242.57	249.16	249.67	2.95	ppb
Selenium	82-1	258.54	257.97	257.39	257.97	0.22	ppb
Silicon	28-1	258.33	264.76	260.99	261.36	1.24	ppb
Silver	109-1	248.44	249.83	249.73	249.33	0.31	ppb
Silver	107-1	251.10	245.79	248.89	248.60	1.07	ppb
Sodium	23-2	24258.57	24449.88	24326.61	24345.02	0.40	ppb
Strontium	86-1	249.65	256.15	248.29	251.36	1.67	ppb
Strontium	88-1	245.80	250.28	247.05	247.71	0.93	ppb
Sulfur	34-1	-4611.25	898.09	-8133.74	-3948.97		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	247.32	248.90	246.74	247.65	0.45	ppb
Thallium	205-1	247.23	246.09	242.33	245.21	1.05	ppb
Thorium	232-1	244.36	231.79	244.93	240.36	3.09	ppb
Tin	118-1	250.88	249.85	252.18	250.97	0.47	ppb
Titanium	47-1	1257.96	1254.56	1240.23	1250.91	0.75	ppb
Uranium	238-1	244.58	240.23	239.98	241.59	1.07	ppb
Vanadium	51-2	250.95	250.18	249.71	250.28	0.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:23:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	487.11	488.48	490.36	488.65	0.33	ppb
Zirconium	90-1	243.89	247.75	250.10	247.25	1.27	ppb
Zirconium	91-1	249.00	254.52	253.46	252.33	1.16	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9044.76	9658.43	9573.72	9425.64	3.53	ppb
Antimony	121-1	503.41	501.79	498.48	501.23	0.50	ppb
Arsenic	75-2	483.20	508.04	495.45	495.56	2.51	ppb
Barium	135-1	2468.69	2434.74	2423.22	2442.21	0.97	ppb
Barium	137-1	2411.00	2430.44	2410.57	2417.34	0.47	ppb
Beryllium	9-1	494.44	502.19	499.39	498.68	0.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	499.87	511.33	504.65	505.28	1.14	ppb
Boron	11-1	501.40	508.42	510.79	506.87	0.96	ppb
Cadmium	111-1	491.81	492.61	489.29	491.24	0.35	ppb
Cadmium	106-1	500.98	492.76	487.05	493.59	1.42	ppb
Cadmium	108-1	489.63	487.90	493.13	490.22	0.54	ppb
Calcium	43-1	47968.51	48667.83	47659.71	48098.68	1.07	ppb
Calcium	44-1	48403.12	48630.17	48988.21	48673.83	0.61	ppb
Chromium	52-2	484.19	513.94	510.05	502.72	3.22	ppb
Cobalt	59-2	489.72	521.82	509.77	507.10	3.20	ppb
Copper	63-2	951.56	1008.38	992.27	984.07	2.98	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				96		%
Indium	115-2				96		%
Iron	56-2	23848.40	25530.98	25043.16	24807.51	3.49	ppb
Iron	57-2	23655.62	25581.67	24905.88	24714.39	3.95	ppb
Krypton	83-1						cps
Lead	206-1	495.98	502.12	505.39	501.16	0.95	ppb
Lead	207-1	496.39	503.44	502.35	500.73	0.76	ppb
Lead	208-1	487.41	489.58	495.64	490.88	0.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	47130.33	50070.49	50270.49	49157.10	3.58	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.27	1041.85	1016.82	1008.31	3.82	ppb
Molybdenum	94-1	2455.50	2482.27	2471.55	2469.77	0.55	ppb
Molybdenum	95-1	2510.46	2501.65	2469.55	2493.89	0.86	ppb
Molybdenum	96-1	2478.16	2516.66	2483.18	2492.67	0.84	ppb
Molybdenum	97-1	2439.90	2464.43	2478.56	2460.97	0.79	ppb
Molybdenum	98-1	2495.24	2520.19	2547.98	2521.14	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.65	520.53	512.26	507.15	3.26	ppb
Phosphorus	31-2	9944.92	9615.21	9707.90	9756.01	1.74	ppb
Potassium	39-2	22102.20	23585.03	23258.12	22981.78	3.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	527.96	503.17	516.88	516.00	2.41	ppb
Selenium	78-2	491.09	514.69	491.63	499.14	2.70	ppb
Selenium	82-1	507.00	513.97	507.69	509.55	0.75	ppb
Silicon	28-1	513.98	524.70	517.14	518.61	1.06	ppb
Silver	109-1	480.35	475.57	480.83	478.92	0.61	ppb
Silver	107-1	484.99	478.86	478.64	480.83	0.75	ppb
Sodium	23-2	46388.46	49495.89	49376.02	48420.12	3.64	ppb
Strontium	86-1	490.92	503.25	503.21	499.13	1.42	ppb
Strontium	88-1	486.20	495.58	500.70	494.16	1.49	ppb
Sulfur	34-1	7078.52	7510.35	3494.54	6027.81	36.57	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	494.25	493.06	506.74	498.02	1.52	ppb
Thallium	205-1	480.91	489.10	491.45	487.16	1.14	ppb
Thorium	232-1	488.83	495.27	484.41	489.50	1.12	ppb
Tin	118-1	504.88	500.52	495.38	500.26	0.95	ppb
Titanium	47-1	2485.33	2468.30	2449.19	2467.61	0.73	ppb
Uranium	238-1	493.02	489.48	490.25	490.91	0.38	ppb
Vanadium	51-2	478.77	507.11	508.18	498.02	3.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	919.34	972.74	967.60	953.23	3.09	ppb
Zirconium	90-1	488.53	500.29	498.61	495.81	1.28	ppb
Zirconium	91-1	498.90	502.46	506.17	502.51	0.72	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:43:08 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18982.44	19047.37	19620.89	19216.90	1.83	ppb
Antimony	121-1	1016.69	978.08	1001.35	998.71	1.95	ppb
Arsenic	75-2	1002.18	986.80	1016.45	1001.81	1.48	ppb
Barium	135-1	5110.77	4938.24	5041.31	5030.11	1.73	ppb
Barium	137-1	5125.64	4975.27	5039.06	5046.65	1.50	ppb
Beryllium	9-1	1010.27	986.20	1003.95	1000.14	1.25	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	985.91	980.54	1021.86	996.10	2.26	ppb
Boron	11-1	985.22	984.93	1012.52	994.23	1.59	ppb
Cadmium	111-1	1017.81	990.09	1001.31	1003.07	1.39	ppb
Cadmium	106-1	1014.21	988.42	1006.18	1002.93	1.32	ppb
Cadmium	108-1	1016.08	986.11	1010.04	1004.08	1.58	ppb
Calcium	43-1	96408.81	94263.78	96546.65	95739.75	1.34	ppb
Calcium	44-1	98554.41	96649.24	96641.23	97281.63	1.13	ppb
Chromium	52-2	987.20	992.23	1010.53	996.65	1.23	ppb
Cobalt	59-2	982.19	989.77	1008.26	993.41	1.35	ppb
Copper	63-2	1983.75	1985.17	2047.81	2005.58	1.82	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				92		%
Indium	115-2				93		%
Iron	56-2	49179.88	48951.33	49971.24	49367.48	1.08	ppb
Iron	57-2	48259.38	47976.45	49695.35	48643.73	1.89	ppb
Krypton	83-1						cps
Lead	206-1	1017.07	984.94	996.09	999.37	1.63	ppb
Lead	207-1	1019.50	989.42	991.50	1000.14	1.68	ppb
Lead	208-1	1018.81	1000.02	1000.22	1006.35	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	97671.15	97314.47	99493.77	98159.80	1.19	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:43:08	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.95	1961.84	2024.65	1991.82	1.58	ppb
Molybdenum	94-1	5069.60	4979.76	4993.02	5014.13	0.97	ppb
Molybdenum	95-1	5076.90	4937.84	5000.95	5005.23	1.39	ppb
Molybdenum	96-1	5055.97	4930.99	5037.11	5008.02	1.35	ppb
Molybdenum	97-1	5099.24	4981.45	4990.66	5023.78	1.30	ppb
Molybdenum	98-1	5037.81	4948.66	5000.41	4995.63	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.13	982.92	999.64	992.56	0.87	ppb
Phosphorus	31-2	20246.71	20060.83	20522.26	20276.60	1.14	ppb
Potassium	39-2	46642.08	46541.64	47920.13	47034.62	1.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	999.06	975.59	1010.22	994.96	1.78	ppb
Selenium	78-2	1001.42	982.97	1014.90	999.76	1.60	ppb
Selenium	82-1	999.14	985.71	991.72	992.19	0.68	ppb
Silicon	28-1	984.27	976.18	1000.43	986.96	1.25	ppb
Silver	109-1	1023.27	993.94	1013.89	1010.37	1.48	ppb
Silver	107-1	1022.34	994.81	1011.77	1009.64	1.38	ppb
Sodium	23-2	96421.00	95906.13	97823.13	96716.75	1.03	ppb
Strontium	86-1	1003.53	983.45	1012.99	999.99	1.51	ppb
Strontium	88-1	1009.71	1003.11	997.78	1003.53	0.60	ppb
Sulfur	34-1	26567.89	23064.48	27511.96	25714.78	9.11	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	1001.63	997.51	1005.41	1001.52	0.39	ppb
Thallium	205-1	1024.18	991.04	1008.47	1007.89	1.64	ppb
Thorium	232-1	1020.85	993.19	1009.51	1007.85	1.38	ppb
Tin	118-1	1000.80	987.74	1008.94	999.16	1.07	ppb
Titanium	47-1	5049.02	4959.77	5037.53	5015.44	0.97	ppb
Uranium	238-1	1021.25	992.91	1008.04	1007.40	1.41	ppb
Vanadium	51-2	993.31	988.59	1019.98	1000.63	1.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:43:08	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2025.27	2003.34	2049.19	2025.94	1.13	ppb
Zirconium	90-1	992.45	1004.30	1011.74	1002.83	0.97	ppb
Zirconium	91-1	997.52	986.52	1010.05	998.03	1.18	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96759.92	101463.20	102460.82	100227.98	3.04	ppb
Antimony	121-1	1.14	1.06	1.23	1.14	7.32	ppb
Arsenic	75-2	0.43	0.54	0.45	0.48	12.71	ppb
Barium	135-1	1.20	1.03	1.31	1.18	11.71	ppb
Barium	137-1	1.39	1.25	1.30	1.31	5.67	ppb
Beryllium	9-1	0.21	0.18	0.20	0.19	8.26	ppb
Bismuth	209-1				78		%
Bismuth	209-2				83		%
Boron	10-1	44.77	38.84	40.32	41.31	7.46	ppb
Boron	11-1	44.72	41.51	39.01	41.75	6.85	ppb
Cadmium	111-1	0.29	0.27	0.30	0.29	5.59	ppb
Cadmium	106-1	0.60	-0.19	0.99	0.47	128.94	ppb
Cadmium	108-1	0.40	0.35	0.25	0.33	23.39	ppb
Calcium	43-1	506497.36	487079.18	509684.41	501086.98	2.44	ppb
Calcium	44-1	504778.67	491552.47	505794.96	500708.70	1.59	ppb
Chromium	52-2	38.61	40.56	40.72	39.96	2.93	ppb
Cobalt	59-2	2.12	2.27	2.11	2.17	4.03	ppb
Copper	63-2	3.37	3.39	3.38	3.38	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	56-2	239966.67	255693.58	254739.60	250133.28	3.53	ppb
Iron	57-2	238779.84	254587.12	257508.78	250291.92	4.03	ppb
Krypton	83-1						cps
Lead	206-1	3.15	3.15	3.40	3.23	4.55	ppb
Lead	207-1	3.24	3.02	3.36	3.21	5.26	ppb
Lead	208-1	3.20	3.05	3.30	3.19	3.92	ppb
Lithium	6-1				89		%
Magnesium	24-2	481808.30	511094.14	508460.87	500454.44	3.24	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.82	8.81	8.41	8.35	5.97	ppb
Molybdenum	94-1	5.09	4.85	4.74	4.89	3.70	ppb
Molybdenum	95-1	6.49	6.04	6.14	6.22	3.80	ppb
Molybdenum	96-1	8.04	7.80	7.85	7.90	1.57	ppb
Molybdenum	97-1	6.16	5.91	6.30	6.12	3.17	ppb
Molybdenum	98-1	6.02	6.02	6.10	6.05	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.15	27.70	27.28	27.04	2.98	ppb
Phosphorus	31-2	-234.54	-294.01	-350.01	-292.85		ppb
Potassium	39-2	243034.00	253635.00	255907.95	250858.98	2.74	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	77-2	1.16	0.00	1.86	1.01	93.33	ppb
Selenium	78-2	1.95	2.27	0.89	1.70	42.17	ppb
Selenium	82-1	1.09	0.94	1.03	1.02	7.30	ppb
Silicon	28-1	34.13	33.05	35.29	34.16	3.29	ppb
Silver	109-1	0.26	0.25	0.24	0.25	3.63	ppb
Silver	107-1	0.26	0.24	0.25	0.25	4.31	ppb
Sodium	23-2	482207.71	511234.24	509105.39	500849.12	3.23	ppb
Strontium	86-1	4.48	4.45	4.49	4.47	0.43	ppb
Strontium	88-1	4.37	4.34	4.45	4.39	1.31	ppb
Sulfur	34-1	-15367.72	-18548.29	-7313.56	-13743.19		ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.34	0.37	0.44	0.39	13.24	ppb
Thallium	205-1	0.41	0.37	0.35	0.37	8.26	ppb
Thorium	232-1	13.15	9.09	14.34	12.19	22.55	ppb
Tin	118-1	0.54	0.52	0.57	0.54	4.66	ppb
Titanium	47-1	2.39	2.24	2.78	2.47	11.27	ppb
Uranium	238-1	0.19	0.19	0.17	0.18	6.03	ppb
Vanadium	51-2	0.34	0.37	0.34	0.35	5.19	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.30	27.63	26.16	26.36	4.46	ppb
Zirconium	90-1	0.31	0.27	0.32	0.30	9.16	ppb
Zirconium	91-1	0.29	0.25	0.28	0.28	7.47	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:56:08	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.62	469.15	454.79	465.85	2.11	ppb
Antimony	121-1	214.53	203.50	209.73	209.25	2.64	ppb
Arsenic	75-2	212.78	213.62	208.85	211.75	1.20	ppb
Barium	135-1	102.50	98.50	101.38	100.79	2.05	ppb
Barium	137-1	104.74	98.19	101.52	101.48	3.23	ppb
Beryllium	9-1	102.58	98.71	102.34	101.21	2.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	13.29	12.52	12.39	12.73	3.83	ppb
Boron	11-1	12.78	12.38	12.28	12.48	2.10	ppb
Cadmium	111-1	107.18	101.94	105.38	104.84	2.54	ppb
Cadmium	106-1	83.13	83.36	84.66	83.72	0.99	ppb
Cadmium	108-1	90.95	86.12	88.53	88.53	2.73	ppb
Calcium	43-1	1926.91	1877.07	2013.10	1939.03	3.55	ppb
Calcium	44-1	2037.21	1925.41	1981.13	1981.25	2.82	ppb
Chromium	52-2	103.52	103.26	101.22	102.67	1.23	ppb
Cobalt	59-2	107.51	107.96	104.56	106.68	1.73	ppb
Copper	63-2	107.08	106.81	103.66	105.85	1.80	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				102		%
Indium	115-2				105		%
Iron	56-2	1067.03	1071.84	1040.76	1059.87	1.58	ppb
Iron	57-2	1041.31	1076.19	1060.14	1059.21	1.65	ppb
Krypton	83-1						cps
Lead	206-1	222.97	214.63	223.37	220.32	2.24	ppb
Lead	207-1	222.12	214.81	221.96	219.63	1.90	ppb
Lead	208-1	217.46	211.16	217.43	215.35	1.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	1268.13	1235.69	1215.49	1239.77	2.14	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:56:08	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.01	103.88	99.98	102.29	2.00	ppb
Molybdenum	94-1	0.16	0.15	0.21	0.18	19.01	ppb
Molybdenum	95-1	0.16	0.12	0.15	0.14	13.31	ppb
Molybdenum	96-1	0.25	0.21	0.19	0.21	14.20	ppb
Molybdenum	97-1	0.13	0.17	0.17	0.16	15.72	ppb
Molybdenum	98-1	0.18	0.18	0.18	0.18	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.61	108.73	104.65	107.99	2.82	ppb
Phosphorus	31-2	-270.80	-341.29	-379.13	-330.40		ppb
Potassium	39-2	1956.07	1942.14	1908.46	1935.56	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	219.44	221.76	223.80	221.66	0.99	ppb
Selenium	78-2	217.52	229.47	218.13	221.70	3.04	ppb
Selenium	82-1	218.83	216.55	218.92	218.10	0.62	ppb
Silicon	28-1	2.31	1.57	2.03	1.97	18.97	ppb
Silver	109-1	110.55	107.09	112.59	110.08	2.53	ppb
Silver	107-1	109.94	105.08	108.82	107.95	2.36	ppb
Sodium	23-2	1936.16	1949.01	1894.11	1926.43	1.49	ppb
Strontium	86-1	2.55	2.28	2.30	2.38	6.20	ppb
Strontium	88-1	2.45	2.32	2.39	2.39	2.59	ppb
Sulfur	34-1	-9116.18	-22533.24	-12994.02	-14881.15		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	219.48	211.95	221.59	217.68	2.33	ppb
Thallium	205-1	218.05	209.17	217.56	214.93	2.32	ppb
Thorium	232-1	1.03	-0.35	3.25	1.31	138.65	ppb
Tin	118-1	0.17	0.14	0.14	0.15	11.66	ppb
Titanium	47-1	0.21	0.27	0.25	0.25	14.24	ppb
Uranium	238-1	0.01	-0.01	-0.01	0.00		ppb
Vanadium	51-2	104.12	102.63	101.38	102.71	1.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:56:08	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.75	207.55	200.49	205.93	2.35	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.92	ppb
Zirconium	91-1	0.12	0.08	0.11	0.10	21.23	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.97	15.31	15.94	16.41	8.46	ppb
Antimony	121-1	1.71	1.80	1.81	1.77	3.20	ppb
Arsenic	75-2	0.90	0.84	0.72	0.82	10.71	ppb
Barium	135-1	8.76	9.18	8.44	8.79	4.24	ppb
Barium	137-1	8.67	8.88	8.66	8.74	1.36	ppb
Beryllium	9-1	0.88	0.85	0.88	0.87	1.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	25.30	25.49	26.04	25.61	1.50	ppb
Boron	11-1	25.50	25.91	25.92	25.77	0.94	ppb
Cadmium	111-1	0.94	0.89	0.78	0.87	9.54	ppb
Cadmium	106-1	0.24	0.67	0.49	0.47	46.10	ppb
Cadmium	108-1	0.79	0.82	0.95	0.85	9.66	ppb
Calcium	43-1	410.02	427.20	400.39	412.54	3.29	ppb
Calcium	44-1	427.80	430.82	426.73	428.45	0.50	ppb
Chromium	52-2	1.82	1.78	1.64	1.75	5.51	ppb
Cobalt	59-2	0.89	0.93	0.87	0.90	3.21	ppb
Copper	63-2	1.80	1.81	1.69	1.77	3.69	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				104		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	51.51	51.79	49.94	51.08	1.95	ppb
Iron	57-2	48.92	58.61	54.45	53.99	9.01	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.96	0.87	0.92	5.00	ppb
Lead	207-1	0.84	0.91	0.87	0.87	4.01	ppb
Lead	208-1	0.85	0.90	0.86	0.87	2.80	ppb
Lithium	6-1				103		%
Magnesium	24-2	442.29	455.54	447.99	448.61	1.48	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.84	0.83	0.85	4.34	ppb
Molybdenum	94-1	3.93	4.31	4.07	4.10	4.74	ppb
Molybdenum	95-1	4.32	4.18	4.02	4.18	3.57	ppb
Molybdenum	96-1	4.34	4.19	4.22	4.25	1.85	ppb
Molybdenum	97-1	4.32	4.35	4.12	4.26	2.94	ppb
Molybdenum	98-1	4.28	4.34	4.15	4.26	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.97	0.83	0.90	7.88	ppb
Phosphorus	31-2	67.62	81.84	85.79	78.42	12.19	ppb
Potassium	39-2	409.21	420.81	414.75	414.93	1.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	4.50	3.52	3.97	3.99	12.34	ppb
Selenium	78-2	5.18	6.17	5.62	5.66	8.78	ppb
Selenium	82-1	4.72	4.29	4.26	4.42	5.76	ppb
Silicon	28-1	7.07	6.95	6.67	6.90	2.98	ppb
Silver	109-1	0.79	0.83	0.81	0.81	2.24	ppb
Silver	107-1	0.84	0.81	0.76	0.80	4.56	ppb
Sodium	23-2	417.50	427.48	419.53	421.50	1.25	ppb
Strontium	86-1	0.98	0.73	0.71	0.81	18.08	ppb
Strontium	88-1	0.88	0.89	0.83	0.87	3.54	ppb
Sulfur	34-1	-10965.00	-9093.51	-9760.68	-9939.73		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.91	0.90	0.90	0.90	0.16	ppb
Thallium	205-1	0.88	0.93	0.87	0.89	3.22	ppb
Thorium	232-1	219.29	217.28	219.21	218.59	0.52	ppb
Tin	118-1	4.46	4.55	4.38	4.46	1.88	ppb
Titanium	47-1	4.03	4.55	4.30	4.29	6.12	ppb
Uranium	238-1	0.83	0.78	0.74	0.79	5.56	ppb
Vanadium	51-2	4.60	4.60	4.37	4.52	2.89	ppb
Yttrium	89-1				103		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.52	2.60	2.62	2.58	1.99	ppb
Zirconium	90-1	0.77	0.79	0.74	0.77	3.00	ppb
Zirconium	91-1	0.76	0.84	0.69	0.76	9.97	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:13:00 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.05	0.04	-0.05		ppb
Antimony	121-1	0.02	0.02	0.04	0.03	36.26	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	317.22	ppb
Barium	135-1	0.02	0.00	-0.01	0.00	957.08	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	4.84	6.28	4.94	5.35	15.07	ppb
Boron	11-1	5.40	5.47	5.69	5.52	2.74	ppb
Cadmium	111-1	0.00	-0.03	0.00	-0.01		ppb
Cadmium	106-1	-0.03	-0.31	-0.06	-0.13		ppb
Cadmium	108-1	0.01	-0.02	-0.02	-0.01		ppb
Calcium	43-1	-0.43	1.11	2.08	0.92	137.16	ppb
Calcium	44-1	-0.03	2.38	1.95	1.44	89.50	ppb
Chromium	52-2	-0.04	-0.02	0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.09	-0.09	-0.10	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	56-2	0.47	0.43	0.21	0.37	38.56	ppb
Iron	57-2	0.38	0.92	1.92	1.07	72.95	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.05	9.36	ppb
Lead	207-1	0.03	-0.02	0.06	0.02	176.82	ppb
Lead	208-1	0.03	0.02	0.04	0.03	23.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.77	1.20	0.48	0.82	43.84	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:13:00 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	94-1	0.01	0.01	0.04	0.02	85.46	ppb
Molybdenum	95-1	0.00	0.02	0.00	0.01	113.79	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	103.59	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	165.14	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	39.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-361.69	-342.25	-244.27	-316.07		ppb
Potassium	39-2	5.65	6.97	1.18	4.60	65.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	0.72	0.15	0.32	109.02	ppb
Selenium	82-1	-0.07	-0.27	0.33	0.00		ppb
Silicon	28-1	0.15	1.35	0.64	0.72	84.22	ppb
Silver	109-1	0.01	0.00	0.00	0.00	44.66	ppb
Silver	107-1	0.01	0.00	0.00	0.00	200.99	ppb
Sodium	23-2	6.20	6.40	5.12	5.91	11.67	ppb
Strontium	86-1	-0.07	-0.02	-0.08	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-7668.93	1369.73	-3363.58	-3220.93		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.04	0.03	21.93	ppb
Thallium	205-1	0.03	0.04	0.04	0.03	17.62	ppb
Thorium	232-1	2.50	3.38	2.16	2.68	23.53	ppb
Tin	118-1	0.03	0.03	0.02	0.03	21.14	ppb
Titanium	47-1	-0.02	0.01	0.02	0.00	594.62	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	100.58	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:13:00	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.16	0.16	0.10	0.14	26.30	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	208.89	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	167.05	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86969.47	85969.66	87720.59	86886.58	1.01	ppb
Antimony	121-1	1.15	1.22	1.18	1.18	3.12	ppb
Arsenic	75-2	0.31	0.33	0.41	0.35	14.25	ppb
Barium	135-1	1.35	1.56	1.37	1.42	8.10	ppb
Barium	137-1	1.41	1.53	1.28	1.40	8.77	ppb
Beryllium	9-1	0.26	0.35	0.28	0.30	15.00	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	5.08	5.48	5.27	5.28	3.83	ppb
Boron	11-1	5.71	5.53	5.86	5.70	2.87	ppb
Cadmium	111-1	0.54	0.41	0.53	0.49	15.39	ppb
Cadmium	106-1	-0.35	-0.49	-0.50	-0.45		ppb
Cadmium	108-1	13.80	13.73	13.21	13.58	2.35	ppb
Calcium	43-1	92445.82	94378.58	92271.75	93032.05	1.26	ppb
Calcium	44-1	94825.08	95892.42	94348.81	95022.10	0.83	ppb
Chromium	52-2	20.26	20.21	20.45	20.31	0.62	ppb
Cobalt	59-2	1.23	1.25	1.32	1.27	3.62	ppb
Copper	63-2	7.73	7.17	7.59	7.50	3.90	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	56-2	98982.05	98889.60	100468.38	99446.68	0.89	ppb
Iron	57-2	97993.23	95745.01	98103.22	97280.49	1.37	ppb
Krypton	83-1						cps
Lead	206-1	5.09	5.06	4.97	5.04	1.28	ppb
Lead	207-1	4.48	4.37	4.54	4.46	1.87	ppb
Lead	208-1	4.59	4.58	4.56	4.58	0.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	99371.90	97874.74	99238.73	98828.46	0.84	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.09	7.72	8.29	8.03	3.56	ppb
Molybdenum	94-1	1329.27	1339.11	1316.89	1328.42	0.84	ppb
Molybdenum	95-1	1851.33	1888.88	1913.14	1884.45	1.65	ppb
Molybdenum	96-1	1831.50	1836.02	1866.68	1844.73	1.04	ppb
Molybdenum	97-1	1850.48	1875.02	1867.13	1864.21	0.67	ppb
Molybdenum	98-1	1895.94	1936.08	1945.50	1925.84	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.46	5.32	5.53	5.44	2.01	ppb
Phosphorus	31-2	977417.15	977974.30	980306.75	978566.07	0.16	ppb
Potassium	39-2	95796.77	95847.91	96296.28	95980.32	0.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	0.41	0.32	0.44	31.43	ppb
Selenium	82-1	0.26	0.49	0.40	0.38	30.38	ppb
Silicon	28-1	19.84	20.60	20.91	20.45	2.71	ppb
Silver	109-1	0.02	0.03	0.03	0.03	31.43	ppb
Silver	107-1	0.01	0.02	0.03	0.02	26.21	ppb
Sodium	23-2	94373.55	93403.24	95096.50	94291.09	0.90	ppb
Strontium	86-1	35.32	34.49	34.84	34.88	1.19	ppb
Strontium	88-1	34.94	35.46	35.24	35.21	0.73	ppb
Sulfur	34-1	2585173.38	2634737.45	2601345.91	2607085.58	0.97	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.12	0.14	0.12	16.57	ppb
Thallium	205-1	0.10	0.10	0.13	0.11	15.04	ppb
Thorium	232-1	2.81	1.86	5.17	3.28	51.98	ppb
Tin	118-1	0.18	0.21	0.19	0.19	8.44	ppb
Titanium	47-1	2014.38	2037.09	2022.79	2024.75	0.57	ppb
Uranium	238-1	0.01	0.01	0.03	0.02	56.77	ppb
Vanadium	51-2	0.15	0.14	0.19	0.16	15.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.41	10.72	11.14	11.09	3.12	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	31.50	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	39.42	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:20:09	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84329.49	86202.63	85030.87	85187.66	1.11	ppb
Antimony	121-1	21.35	21.45	21.74	21.51	0.93	ppb
Arsenic	75-2	19.68	19.90	20.30	19.96	1.57	ppb
Barium	135-1	21.43	21.54	22.44	21.80	2.54	ppb
Barium	137-1	21.72	21.17	22.01	21.63	1.97	ppb
Beryllium	9-1	20.72	19.89	19.98	20.20	2.25	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	4.82	4.14	4.81	4.59	8.52	ppb
Boron	11-1	4.71	4.46	4.63	4.60	2.77	ppb
Cadmium	111-1	19.56	19.17	19.63	19.45	1.27	ppb
Cadmium	106-1	15.13	14.17	15.48	14.92	4.53	ppb
Cadmium	108-1	28.21	31.12	29.34	29.56	4.96	ppb
Calcium	43-1	94254.09	92073.75	93504.31	93277.38	1.19	ppb
Calcium	44-1	95786.29	95270.37	95494.95	95517.20	0.27	ppb
Chromium	52-2	39.04	39.86	39.63	39.51	1.07	ppb
Cobalt	59-2	21.13	21.46	20.93	21.18	1.27	ppb
Copper	63-2	26.65	27.31	26.58	26.85	1.50	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				97		%
Indium	115-2				102		%
Iron	56-2	96696.39	99027.99	97149.40	97624.60	1.27	ppb
Iron	57-2	93575.79	97045.83	94208.04	94943.22	1.95	ppb
Krypton	83-1						cps
Lead	206-1	26.14	25.76	26.35	26.08	1.15	ppb
Lead	207-1	23.99	24.81	24.13	24.31	1.79	ppb
Lead	208-1	24.39	24.64	24.57	24.53	0.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	96143.78	99300.45	96884.23	97442.82	1.69	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:20:09 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.58	27.83	27.51	27.64	0.61	ppb
Molybdenum	94-1	1326.22	1333.12	1323.35	1327.56	0.38	ppb
Molybdenum	95-1	1844.03	1871.04	1876.93	1864.00	0.94	ppb
Molybdenum	96-1	1829.59	1826.21	1842.28	1832.69	0.46	ppb
Molybdenum	97-1	1865.08	1864.78	1885.83	1871.90	0.64	ppb
Molybdenum	98-1	1887.09	1937.82	1922.31	1915.74	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.69	25.37	25.01	25.36	1.35	ppb
Phosphorus	31-2	961091.56	979075.19	962652.02	967606.26	1.03	ppb
Potassium	39-2	93402.72	95240.84	94067.05	94236.87	0.99	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	19.73	19.87	12.25	17.28	25.23	ppb
Selenium	78-2	22.29	22.37	20.38	21.68	5.19	ppb
Selenium	82-1	19.55	18.97	19.57	19.37	1.76	ppb
Silicon	28-1	22.97	22.45	23.01	22.81	1.36	ppb
Silver	109-1	19.07	18.88	18.82	18.92	0.68	ppb
Silver	107-1	19.04	18.84	19.02	18.97	0.58	ppb
Sodium	23-2	92805.72	95151.75	94430.37	94129.28	1.28	ppb
Strontium	86-1	35.47	34.78	34.22	34.83	1.80	ppb
Strontium	88-1	35.20	35.33	34.89	35.14	0.63	ppb
Sulfur	34-1	2645925.84	2649319.48	2621765.56	2639003.62	0.57	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	20.84	21.19	20.75	20.93	1.09	ppb
Thallium	205-1	21.14	21.09	20.70	20.98	1.13	ppb
Thorium	232-1	6.26	4.07	7.87	6.06	31.47	ppb
Tin	118-1	0.16	0.21	0.17	0.18	15.93	ppb
Titanium	47-1	2027.33	2010.28	2022.79	2020.13	0.44	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.08	ppb
Vanadium	51-2	19.90	20.68	19.83	20.13	2.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:20:09	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.40	28.77	27.01	28.06	3.31	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	16.91	ppb
Zirconium	91-1	0.02	0.05	0.01	0.03	65.06	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50644.58	50183.55	50514.71	50447.61	0.47	ppb
Antimony	121-1	519.19	523.74	514.64	519.19	0.88	ppb
Arsenic	75-2	493.92	498.68	485.82	492.81	1.32	ppb
Barium	135-1	2636.99	2608.01	2626.33	2623.78	0.56	ppb
Barium	137-1	2650.74	2583.80	2584.65	2606.40	1.47	ppb
Beryllium	9-1	520.69	517.69	517.03	518.47	0.38	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Boron	10-1	518.72	515.48	523.01	519.07	0.73	ppb
Boron	11-1	515.27	525.93	526.68	522.63	1.22	ppb
Cadmium	111-1	534.84	544.88	533.18	537.63	1.18	ppb
Cadmium	106-1	537.89	529.80	531.45	533.05	0.80	ppb
Cadmium	108-1	532.32	534.60	540.00	535.64	0.74	ppb
Calcium	43-1	246043.59	248171.70	250754.88	248323.39	0.95	ppb
Calcium	44-1	249101.85	247627.56	249641.02	248790.14	0.42	ppb
Chromium	52-2	522.29	530.64	518.40	523.77	1.19	ppb
Cobalt	59-2	501.47	507.26	502.45	503.73	0.62	ppb
Copper	63-2	1092.76	1108.13	1095.31	1098.73	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	126701.84	127166.51	126433.17	126767.17	0.29	ppb
Iron	57-2	123542.07	124318.62	124780.19	124213.63	0.50	ppb
Krypton	83-1						cps
Lead	206-1	530.67	532.02	528.33	530.34	0.35	ppb
Lead	207-1	530.16	532.77	529.70	530.88	0.31	ppb
Lead	208-1	519.43	523.54	522.14	521.71	0.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	248539.25	249465.70	248143.14	248716.03	0.27	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.23	1022.81	1017.71	1016.92	0.62	ppb
Molybdenum	94-1	2609.82	2577.78	2618.17	2601.92	0.82	ppb
Molybdenum	95-1	2615.33	2595.92	2607.99	2606.41	0.38	ppb
Molybdenum	96-1	2639.04	2599.72	2648.16	2628.97	0.98	ppb
Molybdenum	97-1	2571.32	2553.91	2569.23	2564.82	0.37	ppb
Molybdenum	98-1	2642.92	2618.44	2659.05	2640.14	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.66	506.86	495.48	500.00	1.21	ppb
Phosphorus	31-2	20781.73	21602.92	20505.38	20963.34	2.72	ppb
Potassium	39-2	123621.12	123999.09	122407.56	123342.59	0.67	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				112		%
Selenium	77-2	469.83	483.79	534.40	496.01	6.85	ppb
Selenium	78-2	489.93	485.28	468.16	481.12	2.38	ppb
Selenium	82-1	479.55	468.58	479.47	475.87	1.33	ppb
Silicon	28-1	548.97	554.78	564.83	556.19	1.44	ppb
Silver	109-1	525.17	537.25	526.20	529.54	1.26	ppb
Silver	107-1	525.35	531.00	530.53	528.96	0.59	ppb
Sodium	23-2	246323.18	247238.87	246384.22	246648.76	0.21	ppb
Strontium	86-1	526.51	522.04	526.04	524.86	0.47	ppb
Strontium	88-1	514.96	507.92	523.66	515.51	1.53	ppb
Sulfur	34-1	20822.90	18758.15	21420.52	20333.86	6.87	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	526.61	522.82	528.07	525.83	0.52	ppb
Thallium	205-1	522.94	518.82	518.16	519.97	0.50	ppb
Thorium	232-1	20531.41	20578.98	20740.36	20616.92	0.53	ppb
Tin	118-1	514.29	522.79	526.41	521.16	1.19	ppb
Titanium	47-1	2645.49	2612.22	2607.66	2621.79	0.79	ppb
Uranium	238-1	539.45	539.20	532.54	537.07	0.73	ppb
Vanadium	51-2	518.68	518.22	513.92	516.94	0.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1052.09	1061.16	1044.09	1052.45	0.81	ppb
Zirconium	90-1	513.40	514.88	518.43	515.57	0.50	ppb
Zirconium	91-1	530.51	520.81	525.65	525.66	0.92	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P7
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:27:21 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.04	2.65	2.49	2.73	10.28	ppb
Antimony	121-1	0.33	0.34	0.37	0.35	5.44	ppb
Arsenic	75-2	0.03	0.02	0.04	0.03	48.81	ppb
Barium	135-1	0.08	0.12	0.14	0.12	28.64	ppb
Barium	137-1	0.07	0.13	0.10	0.10	29.27	ppb
Beryllium	9-1	0.10	0.06	0.07	0.08	27.39	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	16.70	16.72	15.38	16.26	4.73	ppb
Boron	11-1	16.37	16.40	14.36	15.71	7.42	ppb
Cadmium	111-1	0.08	0.09	0.05	0.08	24.29	ppb
Cadmium	106-1	0.29	0.40	0.24	0.31	26.23	ppb
Cadmium	108-1	0.15	0.08	0.08	0.11	37.58	ppb
Calcium	43-1	11.40	13.19	11.64	12.08	8.05	ppb
Calcium	44-1	12.78	11.46	13.75	12.66	9.05	ppb
Chromium	52-2	-0.02	0.04	0.02	0.01	215.06	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	25.60	ppb
Copper	63-2	0.02	-0.06	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	8.01	8.35	8.63	8.33	3.70	ppb
Iron	57-2	10.79	8.05	8.39	9.08	16.48	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.17	0.15	14.53	ppb
Lead	207-1	0.12	0.17	0.12	0.14	21.83	ppb
Lead	208-1	0.12	0.14	0.15	0.14	9.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	12.05	12.52	12.43	12.33	2.04	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:27:21	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.00	0.03	82.91	ppb
Molybdenum	94-1	0.36	0.34	0.36	0.35	3.60	ppb
Molybdenum	95-1	0.32	0.39	0.41	0.37	13.45	ppb
Molybdenum	96-1	0.40	0.39	0.41	0.40	2.68	ppb
Molybdenum	97-1	0.42	0.36	0.37	0.38	9.48	ppb
Molybdenum	98-1	0.42	0.46	0.38	0.42	9.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	96.95	ppb
Phosphorus	31-2	-330.33	-330.35	-207.93	-289.53		ppb
Potassium	39-2	17.89	22.86	19.92	20.23	12.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	1.70	0.00	0.00	0.57	173.21	ppb
Selenium	78-2	1.29	1.22	0.76	1.09	26.59	ppb
Selenium	82-1	-0.05	0.21	0.46	0.21	123.10	ppb
Silicon	28-1	2.11	2.09	1.97	2.06	3.78	ppb
Silver	109-1	0.06	0.08	0.06	0.07	16.20	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.10	ppb
Sodium	23-2	31.24	30.73	31.55	31.17	1.32	ppb
Strontium	86-1	-0.05	-0.12	-0.04	-0.07		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	22.98	ppb
Sulfur	34-1	-37129.42	-35165.62	-29696.80	-33997.28		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.25	0.19	0.21	15.08	ppb
Thallium	205-1	0.22	0.20	0.18	0.20	10.14	ppb
Thorium	232-1	1.33	5.48	3.07	3.30	63.16	ppb
Tin	118-1	0.12	0.18	0.16	0.15	17.14	ppb
Titanium	47-1	0.16	0.20	0.18	0.18	11.64	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	9.27	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	12.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:27:21	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.33	0.19	0.25	27.68	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	33.58	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	16.82	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:31:34	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.03	20.37	19.10	19.83	3.33	ppb
Antimony	121-1	2.16	2.22	2.22	2.20	1.63	ppb
Arsenic	75-2	0.95	1.18	1.10	1.08	11.16	ppb
Barium	135-1	10.34	10.93	10.81	10.70	2.90	ppb
Barium	137-1	10.47	10.88	10.55	10.63	2.05	ppb
Beryllium	9-1	1.11	1.22	1.06	1.13	7.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	32.96	31.72	33.13	32.60	2.35	ppb
Boron	11-1	32.11	31.26	32.37	31.91	1.81	ppb
Cadmium	111-1	1.09	1.06	1.18	1.11	5.35	ppb
Cadmium	106-1	0.78	0.51	1.10	0.80	36.90	ppb
Cadmium	108-1	1.23	0.99	1.04	1.08	11.57	ppb
Calcium	43-1	508.90	500.76	475.08	494.91	3.57	ppb
Calcium	44-1	494.33	503.29	489.75	495.79	1.39	ppb
Chromium	52-2	2.29	2.10	2.19	2.19	4.27	ppb
Cobalt	59-2	1.13	1.04	1.08	1.08	4.13	ppb
Copper	63-2	2.05	1.69	1.85	1.86	9.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	58.38	56.68	57.58	57.55	1.47	ppb
Iron	57-2	60.16	60.63	54.70	58.50	5.63	ppb
Krypton	83-1						cps
Lead	206-1	1.17	1.09	1.08	1.11	4.77	ppb
Lead	207-1	1.07	1.09	1.06	1.08	1.44	ppb
Lead	208-1	1.10	1.07	1.05	1.07	2.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	537.61	526.85	535.63	533.37	1.07	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:31:34	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.04	1.14	1.06	6.97	ppb
Molybdenum	94-1	5.14	5.10	5.25	5.16	1.48	ppb
Molybdenum	95-1	5.20	5.37	5.10	5.23	2.62	ppb
Molybdenum	96-1	5.07	4.92	5.13	5.04	2.17	ppb
Molybdenum	97-1	5.06	5.12	5.36	5.18	3.10	ppb
Molybdenum	98-1	5.15	5.38	5.24	5.26	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.11	1.09	1.13	4.11	ppb
Phosphorus	31-2	222.55	204.04	46.23	157.61	61.48	ppb
Potassium	39-2	507.93	488.63	494.04	496.87	2.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	4.61	5.19	6.27	5.36	15.67	ppb
Selenium	78-2	6.42	7.00	6.51	6.65	4.69	ppb
Selenium	82-1	5.02	6.54	6.32	5.96	13.76	ppb
Silicon	28-1	8.27	8.81	8.09	8.39	4.46	ppb
Silver	109-1	0.97	1.00	1.08	1.02	5.54	ppb
Silver	107-1	0.99	1.07	1.07	1.04	4.38	ppb
Sodium	23-2	526.38	493.04	499.09	506.17	3.51	ppb
Strontium	86-1	1.00	0.99	1.16	1.05	8.81	ppb
Strontium	88-1	1.06	1.02	1.06	1.05	2.09	ppb
Sulfur	34-1	-20831.29	-16773.67	-20114.72	-19239.89		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	1.04	1.03	1.05	1.04	0.99	ppb
Thallium	205-1	1.04	1.08	1.06	1.06	1.94	ppb
Thorium	232-1	279.74	280.55	289.67	283.32	1.95	ppb
Tin	118-1	5.50	5.53	5.54	5.52	0.44	ppb
Titanium	47-1	5.44	5.43	5.49	5.45	0.60	ppb
Uranium	238-1	0.96	0.92	0.95	0.94	1.97	ppb
Vanadium	51-2	5.95	5.53	5.44	5.64	4.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:31:34	DataFile Name :	022LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.65	2.62	2.49	2.59	3.30	ppb
Zirconium	90-1	1.00	1.02	1.00	1.01	1.32	ppb
Zirconium	91-1	1.03	1.01	1.08	1.04	3.26	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.38	5.70	5.62	5.90	7.04	ppb
Antimony	121-1	0.44	0.49	0.55	0.49	11.95	ppb
Arsenic	75-2	3.70	3.86	3.99	3.85	3.89	ppb
Barium	135-1	28.20	28.06	28.36	28.21	0.54	ppb
Barium	137-1	27.98	28.59	28.30	28.29	1.09	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	23.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	15.44	13.59	13.07	14.04	8.86	ppb
Boron	11-1	14.58	13.63	14.01	14.07	3.38	ppb
Cadmium	111-1	0.16	0.15	0.15	0.15	5.47	ppb
Cadmium	106-1	0.17	0.02	-0.04	0.05	225.21	ppb
Cadmium	108-1	0.19	0.12	0.30	0.20	43.64	ppb
Calcium	43-1	40016.30	38651.41	40228.07	39631.93	2.16	ppb
Calcium	44-1	40400.26	39508.90	40135.53	40014.90	1.14	ppb
Chromium	52-2	1.11	1.06	1.13	1.10	3.32	ppb
Cobalt	59-2	0.15	0.15	0.14	0.15	3.47	ppb
Copper	63-2	7.14	7.05	7.02	7.07	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	6634.10	6548.67	6527.66	6570.14	0.86	ppb
Iron	57-2	6687.15	6490.32	6560.44	6579.30	1.52	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.84	0.86	0.85	1.17	ppb
Lead	207-1	0.84	0.78	0.77	0.80	4.82	ppb
Lead	208-1	0.79	0.78	0.75	0.78	2.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	7849.10	7848.61	7820.93	7839.54	0.21	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2159.80	2145.91	2123.68	2143.13	0.85	ppb
Molybdenum	94-1	0.44	0.54	0.55	0.51	12.01	ppb
Molybdenum	95-1	0.20	0.26	0.26	0.24	13.34	ppb
Molybdenum	96-1	0.27	0.29	0.32	0.29	9.46	ppb
Molybdenum	97-1	0.16	0.17	0.19	0.17	8.52	ppb
Molybdenum	98-1	0.52	0.50	0.50	0.51	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.21	0.21	0.21	1.13	ppb
Phosphorus	31-2	-280.77	-230.39	-234.01	-248.39		ppb
Potassium	39-2	514.03	506.32	493.77	504.71	2.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	77-2	0.58	1.16	0.57	0.77	43.71	ppb
Selenium	78-2	0.96	0.87	0.47	0.76	33.92	ppb
Selenium	82-1	0.75	1.06	0.31	0.70	53.54	ppb
Silicon	28-1	2529.16	2455.10	2549.13	2511.13	1.97	ppb
Silver	109-1	0.47	0.54	0.49	0.50	7.57	ppb
Silver	107-1	0.47	0.52	0.48	0.49	5.46	ppb
Sodium	23-2	2987.08	3011.46	2961.15	2986.57	0.84	ppb
Strontium	86-1	346.88	341.52	344.17	344.19	0.78	ppb
Strontium	88-1	333.13	330.53	338.66	334.11	1.24	ppb
Sulfur	34-1	1022.96	-9674.84	-3315.77	-3989.22		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.60	0.62	0.59	0.60	2.01	ppb
Thallium	205-1	0.58	0.59	0.61	0.59	3.27	ppb
Thorium	232-1	3.24	2.15	9.24	4.88	78.32	ppb
Tin	118-1	0.56	0.60	0.63	0.60	6.35	ppb
Titanium	47-1	0.44	0.36	0.45	0.42	11.46	ppb
Uranium	238-1	0.15	0.16	0.14	0.15	6.18	ppb
Vanadium	51-2	0.21	0.23	0.18	0.21	10.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.88	4.94	4.29	4.70	7.68	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	3.05	ppb
Zirconium	91-1	0.24	0.22	0.19	0.22	11.09	ppb

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : K5452-13 Instrumnet Name : P7
 Client Sample ID : FA19-JBW7812B Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:38:43 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.46	5.04	7.41	5.64	27.68	ppb
Antimony	121-1	1.26	1.20	1.43	1.30	8.97	ppb
Arsenic	75-2	0.48	0.66	0.59	0.58	15.44	ppb
Barium	135-1	87.84	89.90	89.96	89.24	1.35	ppb
Barium	137-1	89.37	89.59	88.72	89.23	0.50	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	60.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	13.85	11.65	11.96	12.49	9.53	ppb
Boron	11-1	12.85	12.72	12.72	12.76	0.61	ppb
Cadmium	111-1	0.14	0.18	0.16	0.16	14.10	ppb
Cadmium	106-1	-0.13	-0.07	-0.42	-0.21		ppb
Cadmium	108-1	0.24	0.34	0.23	0.27	23.72	ppb
Calcium	43-1	80666.29	80579.65	80367.06	80537.67	0.19	ppb
Calcium	44-1	82328.65	82762.97	81140.34	82077.32	1.02	ppb
Chromium	52-2	1.83	1.81	1.69	1.77	4.21	ppb
Cobalt	59-2	0.17	0.19	0.17	0.18	7.42	ppb
Copper	63-2	9.85	9.78	10.11	9.92	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	21.84	22.12	21.97	21.98	0.63	ppb
Iron	57-2	307.26	339.86	325.93	324.35	5.04	ppb
Krypton	83-1						cps
Lead	206-1	2.76	2.82	2.89	2.82	2.24	ppb
Lead	207-1	2.72	2.60	2.72	2.68	2.77	ppb
Lead	208-1	2.69	2.67	2.73	2.69	1.13	ppb
Lithium	6-1				126		%
Magnesium	24-2	25967.25	26328.23	26634.73	26310.07	1.27	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5452-13	Instrumnet Name :	P7
Client Sample ID :	FA19-JBW7812B	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.40	10.01	10.17	10.19	1.92	ppb
Molybdenum	94-1	0.19	0.20	0.24	0.21	13.23	ppb
Molybdenum	95-1	0.14	0.12	0.16	0.14	12.35	ppb
Molybdenum	96-1	0.14	0.14	0.17	0.15	9.13	ppb
Molybdenum	97-1	0.17	0.17	0.16	0.16	3.56	ppb
Molybdenum	98-1	0.48	0.48	0.49	0.49	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.39	1.60	1.46	8.06	ppb
Phosphorus	31-2	-207.00	-324.68	-209.31	-247.00		ppb
Potassium	39-2	494.36	492.05	505.85	497.42	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	1.82	1.83	3.11	2.25	32.98	ppb
Selenium	78-2	1.73	0.94	0.59	1.09	53.91	ppb
Selenium	82-1	1.03	0.34	1.23	0.87	54.06	ppb
Silicon	28-1	3428.24	3439.03	3377.94	3415.07	0.95	ppb
Silver	109-1	0.45	0.47	0.42	0.45	5.25	ppb
Silver	107-1	0.44	0.43	0.41	0.43	3.70	ppb
Sodium	23-2	4500.26	4496.27	4547.19	4514.57	0.63	ppb
Strontium	86-1	1282.68	1285.65	1284.40	1284.24	0.12	ppb
Strontium	88-1	1292.39	1306.14	1310.96	1303.16	0.74	ppb
Sulfur	34-1	143489.67	142581.53	135057.05	140376.08	3.30	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.41	0.35	0.33	0.36	12.68	ppb
Thallium	205-1	0.35	0.32	0.30	0.32	7.93	ppb
Thorium	232-1	3.36	3.28	7.08	4.58	47.47	ppb
Tin	118-1	1.49	1.50	1.33	1.44	6.67	ppb
Titanium	47-1	0.72	0.79	0.81	0.77	5.96	ppb
Uranium	238-1	0.30	0.34	0.34	0.33	7.53	ppb
Vanadium	51-2	0.31	0.34	0.36	0.33	6.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5452-13	Instrumnet Name :	P7
Client Sample ID :	FA19-JBW7812B	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.52	12.56	13.48	12.86	4.21	ppb
Zirconium	90-1	0.05	0.05	0.07	0.06	20.20	ppb
Zirconium	91-1	0.03	0.07	0.05	0.05	35.70	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50150.34	49903.41	49263.28	49772.34	0.92	ppb
Antimony	121-1	488.60	496.51	494.51	493.21	0.83	ppb
Arsenic	75-2	493.10	486.78	481.52	487.13	1.19	ppb
Barium	135-1	2594.29	2572.72	2602.71	2589.91	0.60	ppb
Barium	137-1	2650.05	2645.41	2534.19	2609.88	2.51	ppb
Beryllium	9-1	502.50	500.84	504.18	502.51	0.33	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	10-1	497.86	497.25	513.10	502.74	1.79	ppb
Boron	11-1	497.82	502.56	527.21	509.20	3.10	ppb
Cadmium	111-1	529.37	519.51	524.38	524.42	0.94	ppb
Cadmium	106-1	522.42	522.88	535.37	526.89	1.39	ppb
Cadmium	108-1	512.57	529.02	524.98	522.19	1.64	ppb
Calcium	43-1	249654.72	249339.11	245946.96	248313.60	0.83	ppb
Calcium	44-1	250615.94	250479.28	248502.52	249865.91	0.47	ppb
Chromium	52-2	534.09	535.71	518.57	529.46	1.79	ppb
Cobalt	59-2	512.20	509.37	502.19	507.92	1.02	ppb
Copper	63-2	1115.59	1112.76	1096.45	1108.27	0.93	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				104		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	128565.77	128142.97	124770.58	127159.77	1.64	ppb
Iron	57-2	124811.20	125514.44	122569.59	124298.41	1.24	ppb
Krypton	83-1						cps
Lead	206-1	534.73	539.28	546.68	540.23	1.12	ppb
Lead	207-1	531.94	544.40	539.38	538.57	1.16	ppb
Lead	208-1	522.40	530.01	528.10	526.84	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	254154.98	248232.67	245740.20	249375.95	1.73	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1023.10	1026.07	1001.30	1016.82	1.33	ppb
Molybdenum	94-1	2675.87	2657.07	2560.43	2631.12	2.35	ppb
Molybdenum	95-1	2646.03	2669.75	2571.53	2629.10	1.95	ppb
Molybdenum	96-1	2690.46	2642.33	2584.37	2639.05	2.01	ppb
Molybdenum	97-1	2558.77	2587.64	2553.49	2566.63	0.72	ppb
Molybdenum	98-1	2621.95	2689.31	2628.20	2646.49	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.59	512.93	501.84	508.12	1.12	ppb
Phosphorus	31-2	21218.83	21423.65	19356.60	20666.36	5.51	ppb
Potassium	39-2	123854.93	123596.63	121231.33	122894.30	1.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	497.75	498.04	457.18	484.32	4.85	ppb
Selenium	78-2	477.07	478.52	458.78	471.46	2.33	ppb
Selenium	82-1	474.72	479.48	460.73	471.64	2.07	ppb
Silicon	28-1	549.27	551.77	552.55	551.20	0.31	ppb
Silver	109-1	521.57	515.85	526.67	521.36	1.04	ppb
Silver	107-1	523.57	514.04	525.80	521.14	1.20	ppb
Sodium	23-2	249259.93	248379.51	242628.27	246755.90	1.46	ppb
Strontium	86-1	527.97	524.40	508.85	520.41	1.95	ppb
Strontium	88-1	522.06	524.61	508.87	518.51	1.63	ppb
Sulfur	34-1	31634.08	28265.98	26527.00	28809.02	9.01	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	533.67	537.57	538.66	536.63	0.49	ppb
Thallium	205-1	528.05	527.18	525.39	526.87	0.26	ppb
Thorium	232-1	20580.07	20807.22	20879.89	20755.72	0.75	ppb
Tin	118-1	514.40	516.61	513.52	514.84	0.31	ppb
Titanium	47-1	2669.60	2643.00	2614.98	2642.53	1.03	ppb
Uranium	238-1	542.36	544.50	545.35	544.07	0.28	ppb
Vanadium	51-2	527.32	528.68	513.36	523.12	1.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1057.31	1077.56	1043.18	1059.35	1.63	ppb
Zirconium	90-1	509.18	525.36	513.92	516.15	1.61	ppb
Zirconium	91-1	536.55	535.18	514.16	528.63	2.37	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.38	0.96	0.85	1.06	25.88	ppb
Antimony	121-1	0.21	0.26	0.26	0.25	11.48	ppb
Arsenic	75-2	0.06	0.05	0.00	0.04	89.94	ppb
Barium	135-1	0.06	0.05	0.06	0.06	14.19	ppb
Barium	137-1	0.07	0.07	0.06	0.06	5.57	ppb
Beryllium	9-1	0.08	0.03	0.06	0.06	43.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	14.17	13.52	12.69	13.46	5.51	ppb
Boron	11-1	15.03	13.69	13.60	14.11	5.67	ppb
Cadmium	111-1	0.10	0.00	0.02	0.04	143.03	ppb
Cadmium	106-1	0.54	-0.60	-0.29	-0.12		ppb
Cadmium	108-1	0.08	0.05	0.05	0.06	34.80	ppb
Calcium	43-1	5.53	9.09	6.55	7.06	25.95	ppb
Calcium	44-1	5.79	5.83	5.52	5.72	2.94	ppb
Chromium	52-2	0.08	0.08	0.01	0.05	69.07	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	246.34	ppb
Copper	63-2	0.28	0.24	0.22	0.25	13.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	4.21	4.15	4.46	4.27	3.92	ppb
Iron	57-2	5.68	6.03	5.07	5.60	8.64	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.33	0.26	0.32	16.00	ppb
Lead	207-1	0.32	0.36	0.34	0.34	6.07	ppb
Lead	208-1	0.32	0.33	0.30	0.32	6.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.63	6.58	7.47	6.89	7.22	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.02	0.00	0.00	4675.36	ppb
Molybdenum	94-1	0.21	0.24	0.25	0.23	8.44	ppb
Molybdenum	95-1	0.21	0.21	0.22	0.21	2.29	ppb
Molybdenum	96-1	0.20	0.26	0.23	0.23	12.26	ppb
Molybdenum	97-1	0.23	0.18	0.18	0.19	15.49	ppb
Molybdenum	98-1	0.23	0.23	0.26	0.24	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-268.30	-340.55	-359.29	-322.71		ppb
Potassium	39-2	31.28	24.49	25.42	27.06	13.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	0.43	-0.07	0.49	121.13	ppb
Selenium	82-1	0.64	-0.25	0.56	0.32	153.58	ppb
Silicon	28-1	0.78	1.11	0.71	0.87	24.62	ppb
Silver	109-1	0.12	0.11	0.12	0.11	5.66	ppb
Silver	107-1	0.11	0.12	0.12	0.12	5.34	ppb
Sodium	23-2	63.93	64.14	60.50	62.86	3.25	ppb
Strontium	86-1	-0.06	-0.02	0.06	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.10	ppb
Sulfur	34-1	-28619.70	-25601.47	-29640.73	-27953.97		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.10	0.10	10.35	ppb
Thallium	205-1	0.11	0.11	0.09	0.10	10.54	ppb
Thorium	232-1	5.30	11.37	3.57	6.75	60.72	ppb
Tin	118-1	0.11	0.07	0.09	0.09	20.15	ppb
Titanium	47-1	0.05	0.12	0.11	0.09	40.96	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	40.63	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	38.95	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.28	0.37	0.36	0.33	14.79	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	2.93	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	49.21	ppb

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:04:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	58	33	42	44	28.65	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	8	33	42	28	62.46	cps
Barium	137-1	75	25	17	39	81.12	cps
Beryllium	9-1	39	33	61	44	33.07	cps
Bismuth	209-1	1216099	1204566	1202210	1207625	0.62	cps
Bismuth	209-2	658283	653697	642483	651487	1.25	cps
Boron	10-1	633	608	658	633	3.95	cps
Boron	11-1	3000	2842	2742	2862	4.55	cps
Cadmium	111-1	497	374	504	458	15.92	cps
Cadmium	106-1	692	525	708	642	15.80	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	58	100	108	89	30.13	cps
Calcium	44-1	6510	6293	6477	6427	1.82	cps
Chromium	52-2	540	490	490	507	5.70	cps
Cobalt	59-2	43	47	53	48	10.66	cps
Copper	63-2	1163	1063	1073	1100	5.01	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	30	30	17	26	30.11	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	43	47	53	48	10.66	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	60	33	40	44	31.23	cps
Holmium	165-1	1969119	1962785	1965414	1965773	0.16	cps
Holmium	165-2	907261	899567	867567	891465	2.36	cps
Indium	115-1	1613709	1611999	1581044	1602251	1.15	cps
Indium	115-2	281143	284872	276364	280793	1.52	cps
Iron	56-2	3017	3156	3256	3143	3.82	cps
Iron	57-2	311	289	267	289	7.69	cps
Krypton	83-1	1040	950	1120	1037	8.20	cps
Lead	206-1	667	556	661	628	9.97	cps
Lead	207-1	678	683	683	682	0.47	cps
Lead	208-1	2445	2322	2389	2385	2.57	cps
Lithium	6-1	927262	927299	918454	924338	0.55	cps
Magnesium	24-2	175	158	208	181	14.10	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:04:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	117	220	157	35.41	cps
Molybdenum	94-1	17	33	125	58	100.00	cps
Molybdenum	95-1	100	8	50	53	86.97	cps
Molybdenum	96-1	58	133	100	97	38.65	cps
Molybdenum	97-1	67	33	25	42	52.92	cps
Molybdenum	98-1	33	83	50	56	45.83	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	17	33	30	27	33.06	cps
Phosphorus	31-2	67	142	117	108	35.25	cps
Potassium	39-2	20415	19989	19989	20131	1.22	cps
Rhodium	103-1	1508068	1510119	1485895	1501361	0.89	cps
Rhodium	103-2	657915	666055	629416	651129	2.95	cps
Scandium	45-1	1314804	1301115	1257131	1291017	2.33	cps
Scandium	45-2	52640	53125	51463	52409	1.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	39	48	40	21.14	cps
Selenium	82-1	30	80	-114	-1	-7813.81	cps
Silicon	28-1	186817	186422	185370	186203	0.40	cps
Silver	109-1	0	33	0	11	173.21	cps
Silver	107-1	83	17	25	42	87.18	cps
Sodium	23-2	6227	6768	5976	6324	6.40	cps
Strontium	86-1	1675	1850	1483	1670	10.99	cps
Strontium	88-1	58	83	58	67	21.65	cps
Sulfur	34-1	426263	430043	428916	428408	0.45	cps
Terbium	159-1	2010254	2043481	2002514	2018750	1.08	cps
Terbium	159-2	895621	883146	852910	877226	2.50	cps
Thallium	203-1	425	350	408	394	9.98	cps
Thallium	205-1	633	567	492	564	12.57	cps
Thorium	232-1	1606	1567	1456	1543	5.05	cps
Tin	118-1	233	292	292	272	12.37	cps
Titanium	47-1	92	25	100	72	56.92	cps
Uranium	238-1	2450	2084	2259	2264	8.10	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Yttrium	89-1	1797545	1787679	1780594	1788606	0.48	cps
Yttrium	89-2	230234	228222	219969	226142	2.41	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:04:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	73	40	53	33.08	cps
Zirconium	90-1	192	108	133	144	29.61	cps
Zirconium	91-1	8	67	33	36	81.06	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1617	1483	1483	1528	5.04	cps
Antimony	121-1	10871	10780	11005	10885	1.04	cps
Arsenic	75-2	220	198	237	219	8.93	cps
Barium	135-1	13907	14074	14008	13996	0.60	cps
Barium	137-1	24698	24180	23504	24128	2.48	cps
Beryllium	9-1	2756	2734	2556	2682	4.09	cps
Bismuth	209-1	1223529	1187661	1210824	1207338	1.51	cps
Bismuth	209-2	658926	640746	674576	658083	2.57	cps
Boron	10-1	10879	10287	10621	10596	2.80	cps
Boron	11-1	48905	48228	49950	49028	1.77	cps
Cadmium	111-1	2253	2142	2116	2170	3.35	cps
Cadmium	106-1	875	875	933	895	3.77	cps
Cadmium	108-1	121	125	154	133	13.62	cps
Calcium	43-1	11522	11797	12122	11813	2.54	cps
Calcium	44-1	192478	193538	193580	193199	0.32	cps
Chromium	52-2	4227	4431	4444	4367	2.78	cps
Cobalt	59-2	3340	3130	3074	3182	4.42	cps
Copper	63-2	5735	5675	5348	5586	3.73	cps
Dysprosium	156-1	25	42	42	36	26.65	cps
Dysprosium	156-2	20	13	13	16	24.76	cps
Erbium	164-1	8	50	50	36	66.62	cps
Erbium	164-2	70	20	33	41	62.98	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	47	47	60	51	15.06	cps
Holmium	165-1	1981080	1962674	1946700	1963485	0.88	cps
Holmium	165-2	916446	889582	922520	909516	1.93	cps
Indium	115-1	1639067	1584438	1613886	1612464	1.70	cps
Indium	115-2	283624	274043	292976	283548	3.34	cps
Iron	56-2	87426	88276	87723	87808	0.49	cps
Iron	57-2	2561	2517	2567	2548	1.08	cps
Krypton	83-1	990	953	1020	988	3.38	cps
Lead	206-1	4951	4818	4584	4784	3.88	cps
Lead	207-1	4384	4340	4190	4305	2.37	cps
Lead	208-1	19206	19017	18422	18882	2.17	cps
Lithium	6-1	944606	928177	936061	936281	0.88	cps
Magnesium	24-2	95865	98699	96452	97005	1.54	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1457	1410	1540	1469	4.48	cps
Molybdenum	94-1	12072	12172	12881	12375	3.56	cps
Molybdenum	95-1	15109	15626	15184	15306	1.83	cps
Molybdenum	96-1	17228	17570	16969	17256	1.75	cps
Molybdenum	97-1	9871	8995	9245	9370	4.81	cps
Molybdenum	98-1	24806	24739	24722	24756	0.18	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	23	13	14	58.06	cps
Nickel	60-2	830	787	833	817	3.19	cps
Phosphorus	31-2	317	383	317	339	11.36	cps
Potassium	39-2	98551	98954	97620	98375	0.70	cps
Rhodium	103-1	1518192	1497602	1515126	1510307	0.74	cps
Rhodium	103-2	660502	635610	682072	659395	3.53	cps
Scandium	45-1	1319234	1297110	1309207	1308517	0.85	cps
Scandium	45-2	52108	51620	54741	52823	3.18	cps
Selenium	77-2	37	30	37	34	11.18	cps
Selenium	78-2	163	187	156	169	9.77	cps
Selenium	82-1	855	858	889	867	2.18	cps
Silicon	28-1	245670	248189	247025	246961	0.51	cps
Silver	109-1	7444	7044	7519	7336	3.48	cps
Silver	107-1	7627	7327	7661	7538	2.44	cps
Sodium	23-2	190777	190684	191991	191151	0.38	cps
Strontium	86-1	3459	3342	3809	3537	6.87	cps
Strontium	88-1	17837	16885	17595	17439	2.84	cps
Sulfur	34-1	433347	435959	438657	435988	0.61	cps
Terbium	159-1	2038777	2006524	2025015	2023439	0.80	cps
Terbium	159-2	898722	861574	905525	888607	2.66	cps
Thallium	203-1	5793	5601	5643	5679	1.77	cps
Thallium	205-1	12498	13157	12657	12771	2.69	cps
Thorium	232-1	16989	16934	16566	16830	1.37	cps
Tin	118-1	24789	24865	24948	24867	0.32	cps
Titanium	47-1	5835	4934	5285	5351	8.48	cps
Uranium	238-1	17554	18188	18172	17972	2.01	cps
Vanadium	51-2	8496	8679	8292	8489	2.28	cps
Yttrium	89-1	1830743	1795903	1801921	1809522	1.03	cps
Yttrium	89-2	231732	222094	235061	229629	2.93	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:12:15	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	770	807	903	827	8.33	cps
Zirconium	90-1	9520	9320	9804	9548	2.55	cps
Zirconium	91-1	2100	2167	2142	2136	1.58	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:16:10 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79370	79823	79681	79625	0.29	cps
Antimony	121-1	278552	276772	272541	275955	1.12	cps
Arsenic	75-2	9681	10042	9981	9902	1.95	cps
Barium	135-1	344230	342871	340264	342455	0.59	cps
Barium	137-1	592332	596068	583054	590485	1.13	cps
Beryllium	9-1	128060	126519	127280	127286	0.61	cps
Bismuth	209-1	1224940	1234506	1207772	1222406	1.11	cps
Bismuth	209-2	660887	657055	657855	658599	0.31	cps
Boron	10-1	21516	21157	20665	21113	2.02	cps
Boron	11-1	98481	100173	97658	98771	1.30	cps
Cadmium	111-1	83204	82036	81533	82258	1.04	cps
Cadmium	106-1	10187	9570	9729	9829	3.26	cps
Cadmium	108-1	6472	6422	6443	6446	0.39	cps
Calcium	43-1	115256	114157	114570	114661	0.48	cps
Calcium	44-1	1871637	1878213	1858684	1869512	0.53	cps
Chromium	52-2	96151	94840	95708	95566	0.70	cps
Cobalt	59-2	147369	149607	147845	148274	0.80	cps
Copper	63-2	204799	203214	203037	203684	0.48	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	33	43	20	32	36.33	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	67	50	57	58	14.52	cps
Holmium	165-1	2029137	2009195	1985212	2007848	1.10	cps
Holmium	165-2	910274	906512	917114	911300	0.59	cps
Indium	115-1	1639113	1607530	1598159	1614934	1.33	cps
Indium	115-2	284987	283212	284336	284178	0.32	cps
Iron	56-2	3888238	3852310	3890681	3877076	0.55	cps
Iron	57-2	97254	98423	98429	98036	0.69	cps
Krypton	83-1	957	1097	1053	1036	6.92	cps
Lead	206-1	210554	208187	207467	208736	0.77	cps
Lead	207-1	182328	182967	183239	182845	0.26	cps
Lead	208-1	840731	829095	833745	834524	0.70	cps
Lithium	6-1	953161	952877	934449	946829	1.13	cps
Magnesium	24-2	924137	932546	923332	926672	0.55	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:16:10 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	109696	107826	111308	109610	1.59	cps
Molybdenum	94-1	631519	621728	608323	620523	1.88	cps
Molybdenum	95-1	772856	764601	754390	763949	1.21	cps
Molybdenum	96-1	846525	836099	831652	838092	0.91	cps
Molybdenum	97-1	465981	474221	475801	472001	1.12	cps
Molybdenum	98-1	1225081	1213150	1220800	1219677	0.50	cps
Neodymium	150-1	20	73	60	51	54.31	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	38551	39681	39192	39141	1.45	cps
Phosphorus	31-2	617	558	592	589	4.97	cps
Potassium	39-2	408674	395862	400620	401719	1.61	cps
Rhodium	103-1	1524500	1528064	1508269	1520278	0.69	cps
Rhodium	103-2	663977	664091	659290	662453	0.41	cps
Scandium	45-1	1326690	1321602	1305193	1317829	0.85	cps
Scandium	45-2	53928	52898	52761	53195	1.20	cps
Selenium	77-2	280	307	230	272	14.30	cps
Selenium	78-2	1089	1102	1091	1094	0.64	cps
Selenium	82-1	7438	7187	7354	7327	1.74	cps
Silicon	28-1	592237	591939	589472	591216	0.26	cps
Silver	109-1	359738	357722	349001	355487	1.61	cps
Silver	107-1	375628	377862	372136	375209	0.77	cps
Sodium	23-2	1879263	1864945	1875846	1873352	0.40	cps
Strontium	86-1	97875	95889	98479	97414	1.39	cps
Strontium	88-1	830755	840304	842868	837976	0.76	cps
Sulfur	34-1	432287	429615	429509	430470	0.37	cps
Terbium	159-1	2067545	2029012	2032990	2043182	1.04	cps
Terbium	159-2	900556	898543	886601	895233	0.84	cps
Thallium	203-1	256629	255032	253774	255145	0.56	cps
Thallium	205-1	617949	609775	602440	610055	1.27	cps
Thorium	232-1	4373	4256	4545	4392	3.31	cps
Tin	118-1	247006	242909	242111	244009	1.08	cps
Titanium	47-1	253411	251675	253421	252836	0.40	cps
Uranium	238-1	792711	795281	788182	792058	0.45	cps
Vanadium	51-2	77016	76695	77794	77169	0.73	cps
Yttrium	89-1	1833218	1821743	1809294	1821418	0.66	cps
Yttrium	89-2	230019	233958	232195	232057	0.85	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:16:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	32119	32530	32229	32293	0.66	cps
Zirconium	90-1	513204	514567	514721	514164	0.16	cps
Zirconium	91-1	112852	116457	109980	113096	2.87	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:20:05 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191220	190131	194875	192075	1.29	cps
Antimony	121-1	666301	669821	663110	666411	0.50	cps
Arsenic	75-2	24087	24040	24367	24165	0.73	cps
Barium	135-1	844374	833106	830678	836053	0.87	cps
Barium	137-1	1428975	1433387	1426692	1429685	0.24	cps
Beryllium	9-1	309856	308566	308476	308966	0.25	cps
Bismuth	209-1	1187982	1215440	1172697	1192039	1.82	cps
Bismuth	209-2	650302	646957	651417	649559	0.36	cps
Boron	10-1	50402	51531	53345	51759	2.87	cps
Boron	11-1	239341	238756	238675	238924	0.15	cps
Cadmium	111-1	200770	197482	198274	198842	0.86	cps
Cadmium	106-1	23880	24130	22552	23520	3.61	cps
Cadmium	108-1	14608	15526	15308	15147	3.17	cps
Calcium	43-1	281820	284006	284136	283321	0.46	cps
Calcium	44-1	4603596	4556444	4582465	4580835	0.52	cps
Chromium	52-2	230920	229860	230280	230353	0.23	cps
Cobalt	59-2	354380	361987	358461	358276	1.06	cps
Copper	63-2	482414	488002	487981	486132	0.66	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	37	33	33	34	5.60	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	27	37	50	38	30.98	cps
Gadolinium	160-1	33	8	8	17	86.64	cps
Gadolinium	160-2	60	57	63	60	5.55	cps
Holmium	165-1	1957756	2016176	1945278	1973070	1.92	cps
Holmium	165-2	908443	912791	904096	908443	0.48	cps
Indium	115-1	1581067	1589336	1564089	1578164	0.82	cps
Indium	115-2	276545	275559	278145	276749	0.47	cps
Iron	56-2	9342164	9336605	9450566	9376445	0.69	cps
Iron	57-2	232079	235832	237357	235090	1.16	cps
Krypton	83-1	1027	890	1017	978	7.79	cps
Lead	206-1	504752	505461	505684	505299	0.10	cps
Lead	207-1	445099	448369	438663	444044	1.11	cps
Lead	208-1	2014059	2034243	2008925	2019076	0.66	cps
Lithium	6-1	927559	932130	923366	927685	0.47	cps
Magnesium	24-2	2271423	2208087	2262203	2247238	1.52	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:20:05	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267828	267134	268669	267877	0.29	cps
Molybdenum	94-1	1516946	1522885	1516817	1518883	0.23	cps
Molybdenum	95-1	1879312	1885965	1849117	1871464	1.05	cps
Molybdenum	96-1	2045329	2080127	2030568	2052008	1.24	cps
Molybdenum	97-1	1151265	1140867	1141071	1144401	0.52	cps
Molybdenum	98-1	3014968	2948150	2930347	2964488	1.50	cps
Neodymium	150-1	47	87	93	76	33.40	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	92560	94386	93975	93640	1.02	cps
Phosphorus	31-2	1192	1033	1108	1111	7.13	cps
Potassium	39-2	943894	941561	944290	943248	0.16	cps
Rhodium	103-1	1471878	1509389	1479827	1487031	1.33	cps
Rhodium	103-2	641495	646612	647466	645191	0.50	cps
Scandium	45-1	1308400	1308368	1295595	1304121	0.57	cps
Scandium	45-2	53042	52433	53490	52988	1.00	cps
Selenium	77-2	760	673	650	694	8.35	cps
Selenium	78-2	2393	2282	2454	2376	3.68	cps
Selenium	82-1	17468	17832	17556	17618	1.08	cps
Silicon	28-1	1193581	1191795	1183097	1189491	0.47	cps
Silver	109-1	864769	865096	864860	864908	0.02	cps
Silver	107-1	900788	909487	897690	902655	0.68	cps
Sodium	23-2	4532441	4495653	4562830	4530308	0.74	cps
Strontium	86-1	234897	236501	235657	235685	0.34	cps
Strontium	88-1	2034071	2043220	1995757	2024349	1.24	cps
Sulfur	34-1	419456	422580	420936	420990	0.37	cps
Terbium	159-1	2022954	2022417	2003336	2016236	0.55	cps
Terbium	159-2	878195	882169	889559	883307	0.65	cps
Thallium	203-1	629488	633826	622211	628508	0.93	cps
Thallium	205-1	1473999	1504791	1458541	1479110	1.59	cps
Thorium	232-1	7886	8803	8653	8447	5.82	cps
Tin	118-1	594267	596863	588219	593116	0.75	cps
Titanium	47-1	619700	611830	610422	613984	0.81	cps
Uranium	238-1	1907060	1920990	1914407	1914152	0.36	cps
Vanadium	51-2	187236	187743	188566	187848	0.36	cps
Yttrium	89-1	1789309	1809975	1784987	1794757	0.74	cps
Yttrium	89-2	229160	227074	230939	229058	0.84	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:20:05	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	76074	75287	75944	75768	0.56	cps
Zirconium	90-1	1280433	1258217	1256679	1265110	1.05	cps
Zirconium	91-1	279894	279195	279258	279449	0.14	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:23:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384860	380516	379367	381581	0.76	cps
Antimony	121-1	1330872	1324457	1322443	1325924	0.33	cps
Arsenic	75-2	48191	48510	48822	48508	0.65	cps
Barium	135-1	1679981	1670880	1651018	1667293	0.89	cps
Barium	137-1	2841962	2888159	2834751	2854957	1.02	cps
Beryllium	9-1	608129	610449	613920	610833	0.48	cps
Bismuth	209-1	1176603	1197223	1180989	1184939	0.92	cps
Bismuth	209-2	652766	646037	647364	648722	0.55	cps
Boron	10-1	100669	100300	103638	101536	1.80	cps
Boron	11-1	472517	468897	474879	472097	0.64	cps
Cadmium	111-1	392643	388011	389526	390060	0.61	cps
Cadmium	106-1	44872	43710	44388	44323	1.32	cps
Cadmium	108-1	30195	29882	30040	30039	0.52	cps
Calcium	43-1	548616	567161	560245	558674	1.68	cps
Calcium	44-1	8953168	8966844	8973205	8964406	0.11	cps
Chromium	52-2	461991	454875	463472	460113	1.00	cps
Cobalt	59-2	709197	718106	709057	712120	0.73	cps
Copper	63-2	955516	970796	951932	959415	1.04	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Dysprosium	156-2	50	37	50	46	16.89	cps
Erbium	164-1	50	8	50	36	66.62	cps
Erbium	164-2	50	43	43	46	8.45	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	50	47	37	44	15.61	cps
Holmium	165-1	1977116	1997691	1960897	1978568	0.93	cps
Holmium	165-2	922978	915661	919952	919530	0.40	cps
Indium	115-1	1592581	1556156	1561342	1570026	1.26	cps
Indium	115-2	273978	274004	275530	274504	0.32	cps
Iron	56-2	18691393	18692860	18834208	18739487	0.44	cps
Iron	57-2	476968	473762	471960	474230	0.53	cps
Krypton	83-1	973	1027	923	974	5.30	cps
Lead	206-1	1015907	1009714	1007168	1010930	0.44	cps
Lead	207-1	877257	871786	878096	875713	0.39	cps
Lead	208-1	3993311	3993594	3990601	3992502	0.04	cps
Lithium	6-1	923835	918796	921546	921392	0.27	cps
Magnesium	24-2	4458491	4471980	4430736	4453736	0.47	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:23:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	531876	530388	536559	532941	0.60	cps
Molybdenum	94-1	3014657	2991822	3021343	3009274	0.51	cps
Molybdenum	95-1	3670751	3666865	3741862	3693159	1.14	cps
Molybdenum	96-1	4045772	4017519	4090331	4051207	0.91	cps
Molybdenum	97-1	2284422	2239740	2300955	2275039	1.39	cps
Molybdenum	98-1	5859435	5768165	5834178	5820593	0.81	cps
Neodymium	150-1	127	127	93	116	16.65	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	186052	187673	186052	186592	0.50	cps
Phosphorus	31-2	2209	2467	2434	2370	5.93	cps
Potassium	39-2	1864336	1850550	1840800	1851895	0.64	cps
Rhodium	103-1	1468817	1464182	1470103	1467701	0.21	cps
Rhodium	103-2	645823	650561	645985	647456	0.42	cps
Scandium	45-1	1293807	1276841	1299572	1290073	0.92	cps
Scandium	45-2	53828	53697	53761	53762	0.12	cps
Selenium	77-2	1350	1290	1273	1305	3.09	cps
Selenium	78-2	4747	4530	4619	4632	2.35	cps
Selenium	82-1	34669	34261	34238	34389	0.71	cps
Silicon	28-1	2137688	2157594	2167446	2154242	0.70	cps
Silver	109-1	1702637	1696525	1688926	1696029	0.40	cps
Silver	107-1	1803086	1748795	1763612	1771831	1.58	cps
Sodium	23-2	9002512	9051469	9016504	9023495	0.28	cps
Strontium	86-1	467946	475455	461664	468355	1.47	cps
Strontium	88-1	4009663	4043458	3997658	4016926	0.59	cps
Sulfur	34-1	422289	426208	418017	422171	0.97	cps
Terbium	159-1	2030607	2012028	2003806	2015480	0.68	cps
Terbium	159-2	894571	903900	890625	896365	0.76	cps
Thallium	203-1	1221167	1250512	1222886	1231522	1.34	cps
Thallium	205-1	2933658	2971349	2886277	2930428	1.45	cps
Thorium	232-1	15204	14753	15293	15083	1.92	cps
Tin	118-1	1170806	1155352	1161354	1162504	0.67	cps
Titanium	47-1	1221943	1202660	1210087	1211563	0.80	cps
Uranium	238-1	3859537	3857387	3801078	3839334	0.86	cps
Vanadium	51-2	378346	376280	376016	376881	0.34	cps
Yttrium	89-1	1798991	1781666	1784521	1788392	0.52	cps
Yttrium	89-2	229860	232542	230888	231096	0.59	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:23:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	149992	150050	150805	150282	0.30	cps
Zirconium	90-1	2480780	2495741	2523459	2499993	0.87	cps
Zirconium	91-1	553697	560512	559077	557762	0.64	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	754109	761637	761837	759194	0.58	cps
Antimony	121-1	2669793	2689756	2679190	2679580	0.37	cps
Arsenic	75-2	95513	95437	95992	95647	0.31	cps
Barium	135-1	3327541	3317027	3310138	3318236	0.26	cps
Barium	137-1	5622184	5728393	5696715	5682431	0.96	cps
Beryllium	9-1	1210649	1215395	1207753	1211266	0.32	cps
Bismuth	209-1	1179303	1167212	1159314	1168610	0.86	cps
Bismuth	209-2	647860	620069	635041	634323	2.19	cps
Boron	10-1	200894	203106	200318	201440	0.73	cps
Boron	11-1	923795	925845	929483	926374	0.31	cps
Cadmium	111-1	763119	772567	769408	768364	0.63	cps
Cadmium	106-1	89366	88854	88067	88763	0.74	cps
Cadmium	108-1	58826	59249	60044	59373	1.04	cps
Calcium	43-1	1121168	1120731	1121495	1121131	0.03	cps
Calcium	44-1	18037469	17854704	18379057	18090410	1.47	cps
Chromium	52-2	907304	910829	912175	910103	0.28	cps
Cobalt	59-2	1404936	1415922	1395814	1405557	0.72	cps
Copper	63-2	1882693	1886927	1873722	1881114	0.36	cps
Dysprosium	156-1	58	67	83	69	18.33	cps
Dysprosium	156-2	83	77	77	79	4.87	cps
Erbium	164-1	17	75	17	36	93.25	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	17	67	42	42	60.00	cps
Gadolinium	160-2	43	53	40	46	15.23	cps
Holmium	165-1	1983141	1974993	2011326	1989820	0.96	cps
Holmium	165-2	938148	884157	918280	913528	2.99	cps
Indium	115-1	1541411	1528705	1547262	1539126	0.62	cps
Indium	115-2	278227	262677	270607	270504	2.87	cps
Iron	56-2	36747726	37208426	36830129	36928760	0.67	cps
Iron	57-2	925586	946685	930083	934118	1.19	cps
Krypton	83-1	947	1037	1050	1011	5.56	cps
Lead	206-1	1991593	1995576	1995000	1994056	0.11	cps
Lead	207-1	1743860	1750482	1734863	1743068	0.45	cps
Lead	208-1	7930828	7884458	7927887	7914391	0.33	cps
Lithium	6-1	928098	917356	916701	920718	0.70	cps
Magnesium	24-2	8792056	8834389	8950500	8858982	0.93	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1049410	1070163	1053981	1057851	1.03	cps
Molybdenum	94-1	6029545	6012516	5973446	6005169	0.48	cps
Molybdenum	95-1	7631932	7501887	7389405	7507741	1.62	cps
Molybdenum	96-1	8308472	8322971	8194296	8275246	0.85	cps
Molybdenum	97-1	4586990	4570199	4586337	4581176	0.21	cps
Molybdenum	98-1	12093233	12048328	12154496	12098686	0.44	cps
Neodymium	150-1	227	267	233	242	8.85	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	363636	366372	363837	364615	0.42	cps
Phosphorus	31-2	4959	4543	4626	4709	4.68	cps
Potassium	39-2	3699253	3732174	3714263	3715230	0.44	cps
Rhodium	103-1	1469417	1475741	1477460	1474206	0.29	cps
Rhodium	103-2	664274	622319	644361	643652	3.26	cps
Scandium	45-1	1310824	1291486	1319701	1307337	1.10	cps
Scandium	45-2	55875	52847	53329	54017	3.01	cps
Selenium	77-2	2970	2690	2850	2837	4.95	cps
Selenium	78-2	9277	9238	9103	9206	0.99	cps
Selenium	82-1	69003	69002	68010	68671	0.83	cps
Silicon	28-1	4122010	4142054	4174304	4146123	0.64	cps
Silver	109-1	3289102	3291384	3336663	3305716	0.81	cps
Silver	107-1	3479419	3472353	3480016	3477263	0.12	cps
Sodium	23-2	17863711	18027103	18147331	18012715	0.79	cps
Strontium	86-1	932257	942661	940511	938476	0.59	cps
Strontium	88-1	8049629	8093588	8159313	8100843	0.68	cps
Sulfur	34-1	448442	442576	445121	445379	0.66	cps
Terbium	159-1	2028820	2050610	2056080	2045170	0.71	cps
Terbium	159-2	935693	866515	887272	896494	3.96	cps
Thallium	203-1	2445674	2414784	2464947	2441802	1.04	cps
Thallium	205-1	5719261	5756936	5745524	5740574	0.34	cps
Thorium	232-1	28977	29038	28242	28753	1.54	cps
Tin	118-1	2353871	2358601	2340579	2351017	0.40	cps
Titanium	47-1	2445859	2393261	2426612	2421911	1.10	cps
Uranium	238-1	7795582	7660293	7620450	7692109	1.19	cps
Vanadium	51-2	749271	750624	759070	752988	0.71	cps
Yttrium	89-1	1825832	1801041	1797099	1807991	0.86	cps
Yttrium	89-2	236282	224549	231595	230809	2.56	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:27:46	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293802	294019	295131	294317	0.24	cps
Zirconium	90-1	5043147	5094477	5066243	5067956	0.51	cps
Zirconium	91-1	1125903	1118530	1124313	1122915	0.35	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:43:08 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1613918	1635422	1638128	1629156	0.81	cps
Antimony	121-1	5302688	5207555	5230660	5246967	0.95	cps
Arsenic	75-2	200458	199049	198592	199366	0.49	cps
Barium	135-1	6774816	6682445	6692935	6716732	0.75	cps
Barium	137-1	11754646	11647440	11573735	11658607	0.78	cps
Beryllium	9-1	2442662	2417555	2434454	2431557	0.53	cps
Bismuth	209-1	1104789	1123630	1116209	1114876	0.85	cps
Bismuth	209-2	617596	630038	611718	619784	1.51	cps
Boron	10-1	390662	393925	406062	396883	2.04	cps
Boron	11-1	1789741	1814028	1844611	1816127	1.51	cps
Cadmium	111-1	1552668	1541853	1529838	1541453	0.74	cps
Cadmium	106-1	177274	176382	176144	176600	0.34	cps
Cadmium	108-1	120055	118941	119524	119507	0.47	cps
Calcium	43-1	2276727	2266675	2289146	2277516	0.49	cps
Calcium	44-1	37101859	37048391	36527979	36892743	0.86	cps
Chromium	52-2	1885861	1914181	1895612	1898551	0.76	cps
Cobalt	59-2	2873397	2924147	2896516	2898020	0.88	cps
Copper	63-2	4001172	4043550	4055890	4033538	0.71	cps
Dysprosium	156-1	117	117	158	131	18.43	cps
Dysprosium	156-2	127	137	130	131	3.88	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	63	50	47	53	16.53	cps
Gadolinium	160-1	75	58	50	61	20.83	cps
Gadolinium	160-2	50	60	50	53	10.83	cps
Holmium	165-1	1953258	1983044	1948534	1961612	0.95	cps
Holmium	165-2	903900	930212	899671	911261	1.82	cps
Indium	115-1	1468520	1488271	1472622	1476471	0.71	cps
Indium	115-2	264256	265192	256096	261848	1.91	cps
Iron	56-2	77274574	77674624	77102602	77350600	0.38	cps
Iron	57-2	1925258	1932863	1946798	1934973	0.56	cps
Krypton	83-1	970	1127	963	1020	9.06	cps
Lead	206-1	3825391	3767721	3785219	3792777	0.78	cps
Lead	207-1	3354639	3311199	3296244	3320694	0.91	cps
Lead	208-1	15527480	15501011	15401774	15476755	0.43	cps
Lithium	6-1	916483	929199	919153	921612	0.73	cps
Magnesium	24-2	18580172	18695035	18585716	18620307	0.35	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:43:08	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2202582	2194009	2201698	2199430	0.21	cps
Molybdenum	94-1	12381245	12358944	12211919	12317369	0.75	cps
Molybdenum	95-1	15350624	15172103	15142909	15221879	0.74	cps
Molybdenum	96-1	16859405	16709119	16820867	16796464	0.46	cps
Molybdenum	97-1	9534699	9465400	9345199	9448433	1.01	cps
Molybdenum	98-1	24283907	24240807	24138618	24221111	0.31	cps
Neodymium	150-1	440	520	507	489	8.77	cps
Neodymium	150-2	50	47	60	52	13.28	cps
Nickel	60-2	755147	753243	744894	751095	0.73	cps
Phosphorus	31-2	10045	10054	9995	10032	0.31	cps
Potassium	39-2	7936461	7997582	8006360	7980135	0.48	cps
Rhodium	103-1	1438477	1438420	1422190	1433029	0.66	cps
Rhodium	103-2	633926	638041	624640	632202	1.09	cps
Scandium	45-1	1324469	1348626	1329792	1334296	0.95	cps
Scandium	45-2	56979	57542	55952	56824	1.42	cps
Selenium	77-2	5688	5601	5618	5636	0.82	cps
Selenium	78-2	19100	18907	18907	18971	0.59	cps
Selenium	82-1	135251	135596	134441	135096	0.44	cps
Silicon	28-1	7801012	7879572	7957784	7879456	0.99	cps
Silver	109-1	6890799	6832657	6838029	6853828	0.47	cps
Silver	107-1	7213094	7165084	7149406	7175861	0.46	cps
Sodium	23-2	37857051	38026588	37715133	37866257	0.41	cps
Strontium	86-1	1893643	1885862	1914255	1897920	0.77	cps
Strontium	88-1	16626613	16785613	16454049	16622092	1.00	cps
Sulfur	34-1	487809	490355	491457	489874	0.38	cps
Terbium	159-1	1995257	2036813	1998304	2010125	1.15	cps
Terbium	159-2	892642	912064	886493	897066	1.49	cps
Thallium	203-1	4642780	4702514	4708457	4684583	0.78	cps
Thallium	205-1	11409815	11228953	11350959	11329909	0.81	cps
Thorium	232-1	55156	54615	55122	54964	0.55	cps
Tin	118-1	4588464	4622902	4632874	4614747	0.50	cps
Titanium	47-1	5020474	5021681	5029179	5023778	0.09	cps
Uranium	238-1	15125496	14956601	15084179	15055425	0.58	cps
Vanadium	51-2	1585249	1593294	1598478	1592340	0.42	cps
Yttrium	89-1	1815971	1845402	1818605	1826659	0.89	cps
Yttrium	89-2	239101	241121	233549	237924	1.65	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:43:08	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	659953	659251	655711	658305	0.35	cps
Zirconium	90-1	10189663	10478496	10402804	10356988	1.45	cps
Zirconium	91-1	2238962	2250160	2270373	2253165	0.71	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8003405	7931587	8001359	7978784	0.51	cps
Antimony	121-1	5543	5318	5918	5593	5.42	cps
Arsenic	75-2	91	106	89	95	9.61	cps
Barium	135-1	1492	1333	1617	1481	9.59	cps
Barium	137-1	2984	2767	2767	2839	4.41	cps
Beryllium	9-1	483	428	478	463	6.61	cps
Bismuth	209-1	948381	967862	926696	947646	2.17	cps
Bismuth	209-2	562485	534283	530793	542521	3.20	cps
Boron	10-1	16418	14591	14900	15303	6.39	cps
Boron	11-1	75155	71269	66137	70854	6.38	cps
Cadmium	111-1	830	828	840	833	0.83	cps
Cadmium	106-1	683	575	742	667	12.69	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	11141472	11016495	11077296	11078421	0.56	cps
Calcium	44-1	176987987	177211296	175220254	176473179	0.62	cps
Chromium	52-2	72280	71727	71928	71978	0.39	cps
Cobalt	59-2	6095	6148	5718	5987	3.92	cps
Copper	63-2	7769	7382	7362	7504	3.06	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	43	20	20	28	48.49	cps
Erbium	164-1	42	67	8	39	75.26	cps
Erbium	164-2	43	50	23	39	35.69	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	50	57	70	59	17.29	cps
Holmium	165-1	1809665	1812088	1812979	1811577	0.09	cps
Holmium	165-2	886241	840306	829431	851993	3.54	cps
Indium	115-1	1434071	1465878	1421324	1440424	1.59	cps
Indium	115-2	280745	261444	258879	267023	4.48	cps
Iron	56-2	366808419	369385864	367630364	367941549	0.36	cps
Iron	57-2	9266224	9337121	9434587	9345978	0.90	cps
Krypton	83-1	1013	940	1103	1019	8.03	cps
Lead	206-1	10649	10883	11216	10916	2.61	cps
Lead	207-1	9687	9259	9782	9576	2.91	cps
Lead	208-1	43730	42678	44035	43481	1.64	cps
Lithium	6-1	820521	836044	823621	826729	0.99	cps
Magnesium	24-2	89167896	89393802	88842033	89134577	0.31	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8593	9130	8709	8811	3.21	cps
Molybdenum	94-1	11755	11505	10938	11399	3.67	cps
Molybdenum	95-1	18504	17695	17503	17901	2.97	cps
Molybdenum	96-1	25298	25240	24706	25081	1.30	cps
Molybdenum	97-1	10871	10730	11113	10905	1.78	cps
Molybdenum	98-1	27344	28104	27720	27722	1.37	cps
Neodymium	150-1	67	60	53	60	11.11	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	19330	19353	19043	19242	0.90	cps
Phosphorus	31-2	125	92	67	94	30.99	cps
Potassium	39-2	40142230	39591900	39905561	39879897	0.69	cps
Rhodium	103-1	1253678	1273920	1246036	1257878	1.15	cps
Rhodium	103-2	576741	538975	543713	553143	3.72	cps
Scandium	45-1	1233750	1268544	1218973	1240422	2.05	cps
Scandium	45-2	55433	52389	52336	53386	3.32	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	80	80	56	72	19.41	cps
Selenium	82-1	137	122	130	130	6.01	cps
Silicon	28-1	423774	427754	427003	426177	0.50	cps
Silver	109-1	1633	1609	1517	1586	3.87	cps
Silver	107-1	1700	1634	1692	1675	2.17	cps
Sodium	23-2	184162292	184526150	183569358	184085933	0.26	cps
Strontium	86-1	9537	9745	9545	9609	1.23	cps
Strontium	88-1	67728	69117	68967	68604	1.11	cps
Sulfur	34-1	384847	390277	393436	389520	1.12	cps
Terbium	159-1	1842820	1906900	1834695	1861472	2.12	cps
Terbium	159-2	867327	809381	815835	830848	3.82	cps
Thallium	203-1	1675	1834	2025	1845	9.50	cps
Thallium	205-1	4351	4042	3684	4026	8.29	cps
Thorium	232-1	1806	1656	1817	1759	5.12	cps
Tin	118-1	2534	2525	2642	2567	2.54	cps
Titanium	47-1	2284	2200	2609	2364	9.13	cps
Uranium	238-1	4176	4309	3867	4118	5.50	cps
Vanadium	51-2	540	553	503	532	4.86	cps
Yttrium	89-1	1708257	1755226	1707647	1723710	1.58	cps
Yttrium	89-2	241152	223902	225408	230154	4.15	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:46:54	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8076	8329	7882	8096	2.77	cps
Zirconium	90-1	3176	2800	3192	3056	7.25	cps
Zirconium	91-1	650	583	633	622	5.58	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 14:56:08 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39344	38969	38593	38969	0.96	cps
Antimony	121-1	1108719	1096282	1096534	1100512	0.65	cps
Arsenic	75-2	42477	42311	42518	42435	0.26	cps
Barium	135-1	134665	134894	134735	134764	0.09	cps
Barium	137-1	238034	232608	233413	234685	1.25	cps
Beryllium	9-1	254664	253081	255216	254321	0.44	cps
Bismuth	209-1	1177154	1216374	1175593	1189707	1.94	cps
Bismuth	209-2	658765	650094	666585	658481	1.25	cps
Boron	10-1	6043	5918	5701	5887	2.94	cps
Boron	11-1	26699	26816	25890	26469	1.91	cps
Cadmium	111-1	162415	161045	161555	161672	0.43	cps
Cadmium	106-1	14975	15651	15417	15348	2.24	cps
Cadmium	108-1	10650	10512	10487	10550	0.83	cps
Calcium	43-1	46182	46892	48539	47205	2.56	cps
Calcium	44-1	783358	772052	766648	774019	1.10	cps
Chromium	52-2	193611	193104	193385	193367	0.13	cps
Cobalt	59-2	307186	308451	305183	306940	0.54	cps
Copper	63-2	212029	211473	209696	211066	0.58	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	27	20	13	20	33.35	cps
Erbium	164-1	92	67	25	61	55.11	cps
Erbium	164-2	43	47	37	42	12.06	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	37	47	40	41	12.39	cps
Holmium	165-1	1924339	1999967	1943064	1955790	2.01	cps
Holmium	165-2	912267	904212	932776	916418	1.61	cps
Indium	115-1	1619247	1675261	1607673	1634060	2.21	cps
Indium	115-2	291273	290872	298800	293648	1.52	cps
Iron	56-2	1640564	1647751	1634630	1640982	0.40	cps
Iron	57-2	40869	42222	42495	41862	2.08	cps
Krypton	83-1	1150	893	1007	1017	12.65	cps
Lead	206-1	894032	889299	894455	892595	0.32	cps
Lead	207-1	779285	778751	777672	778570	0.11	cps
Lead	208-1	3533197	3545156	3527942	3535432	0.25	cps
Lithium	6-1	940861	971670	945136	952555	1.75	cps
Magnesium	24-2	235776	229723	230850	232116	1.39	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:56:08	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111560	112491	110610	111553	0.84	cps
Molybdenum	94-1	467	442	583	497	15.21	cps
Molybdenum	95-1	533	442	525	500	10.14	cps
Molybdenum	96-1	933	833	725	831	12.55	cps
Molybdenum	97-1	283	367	367	339	14.20	cps
Molybdenum	98-1	958	958	917	945	2.55	cps
Neodymium	150-1	27	7	33	22	62.44	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	81991	80590	79243	80608	1.70	cps
Phosphorus	31-2	108	75	58	81	31.60	cps
Potassium	39-2	345521	343171	344882	344525	0.35	cps
Rhodium	103-1	1508804	1593938	1547220	1549987	2.75	cps
Rhodium	103-2	664537	669917	678425	670960	1.04	cps
Scandium	45-1	1341544	1398261	1349763	1363189	2.25	cps
Scandium	45-2	55644	55638	56839	56040	1.23	cps
Selenium	77-2	1247	1250	1297	1265	2.21	cps
Selenium	78-2	4173	4366	4267	4269	2.26	cps
Selenium	82-1	29976	30555	29811	30114	1.30	cps
Silicon	28-1	211633	214542	210731	212302	0.94	cps
Silver	109-1	737660	744845	760028	747511	1.53	cps
Silver	107-1	768668	765759	769640	768022	0.26	cps
Sodium	23-2	748947	753781	748562	750430	0.39	cps
Strontium	86-1	6577	6252	6077	6302	4.03	cps
Strontium	88-1	40843	39949	39673	40155	1.52	cps
Sulfur	34-1	429746	422696	425343	425928	0.84	cps
Terbium	159-1	1977038	2060830	2000045	2012637	2.15	cps
Terbium	159-2	891547	891493	914838	899293	1.50	cps
Thallium	203-1	1084291	1081998	1093264	1086517	0.55	cps
Thallium	205-1	2588772	2566070	2579476	2578106	0.44	cps
Thorium	232-1	1561	1533	1684	1593	5.01	cps
Tin	118-1	1033	958	892	961	7.37	cps
Titanium	47-1	283	367	333	328	12.80	cps
Uranium	238-1	2384	2067	2117	2189	7.78	cps
Vanadium	51-2	162272	159934	161410	161205	0.73	cps
Yttrium	89-1	1837748	1892967	1826853	1852523	1.91	cps
Yttrium	89-2	238613	236749	243339	239567	1.42	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 14:56:08	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66799	66089	65222	66037	1.20	cps
Zirconium	90-1	392	392	367	383	3.77	cps
Zirconium	91-1	317	225	283	275	16.87	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1292	1375	1406	9.38	cps
Antimony	121-1	8936	9437	9662	9345	3.97	cps
Arsenic	75-2	191	172	154	172	10.75	cps
Barium	135-1	11614	12181	11413	11736	3.39	cps
Barium	137-1	19882	20366	20266	20171	1.27	cps
Beryllium	9-1	2261	2167	2261	2230	2.45	cps
Bismuth	209-1	1196368	1176120	1195811	1189433	0.97	cps
Bismuth	209-2	685633	659916	684738	676762	2.16	cps
Boron	10-1	11029	10996	11371	11132	1.87	cps
Boron	11-1	50887	51156	51857	51300	0.98	cps
Cadmium	111-1	1881	1813	1669	1788	6.04	cps
Cadmium	106-1	675	750	733	719	5.48	cps
Cadmium	108-1	96	100	117	104	10.58	cps
Calcium	43-1	9904	10196	9670	9923	2.65	cps
Calcium	44-1	169845	169019	169381	169415	0.24	cps
Chromium	52-2	4037	3864	3681	3861	4.62	cps
Cobalt	59-2	2670	2710	2607	2663	1.96	cps
Copper	63-2	4824	4728	4601	4718	2.38	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	25	25	75	42	69.28	cps
Erbium	164-2	37	30	30	32	11.95	cps
Gadolinium	160-1	33	75	33	47	50.95	cps
Gadolinium	160-2	33	43	67	48	35.81	cps
Holmium	165-1	1951018	1977851	1987984	1972284	0.97	cps
Holmium	165-2	941077	913836	931601	928838	1.49	cps
Indium	115-1	1629480	1619109	1645873	1631487	0.83	cps
Indium	115-2	300678	293978	302958	299205	1.56	cps
Iron	56-2	84415	82789	81811	83005	1.58	cps
Iron	57-2	2267	2589	2484	2447	6.72	cps
Krypton	83-1	1060	1133	1023	1072	5.22	cps
Lead	206-1	4418	4445	4156	4340	3.67	cps
Lead	207-1	3662	3845	3784	3764	2.48	cps
Lead	208-1	16410	16899	16616	16641	1.48	cps
Lithium	6-1	950245	940795	953561	948200	0.70	cps
Magnesium	24-2	84397	84799	85343	84847	0.56	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1163	1070	1087	1107	4.50	cps
Molybdenum	94-1	9812	10704	10279	10265	4.35	cps
Molybdenum	95-1	13340	12831	12564	12912	3.05	cps
Molybdenum	96-1	14817	14224	14583	14541	2.05	cps
Molybdenum	97-1	8253	8261	7961	8158	2.10	cps
Molybdenum	98-1	21042	21175	20649	20955	1.30	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	713	747	657	706	6.45	cps
Phosphorus	31-2	275	275	283	278	1.73	cps
Potassium	39-2	91397	91088	92187	91557	0.62	cps
Rhodium	103-1	1561323	1537124	1553451	1550633	0.80	cps
Rhodium	103-2	698107	670941	696872	688640	2.23	cps
Scandium	45-1	1342058	1326539	1341621	1336739	0.66	cps
Scandium	45-2	57023	55631	56929	56528	1.38	cps
Selenium	77-2	27	20	23	23	14.29	cps
Selenium	78-2	146	159	154	153	4.25	cps
Selenium	82-1	647	585	592	608	5.63	cps
Silicon	28-1	249020	245186	245797	246668	0.84	cps
Silver	109-1	5351	5601	5568	5507	2.47	cps
Silver	107-1	5935	5743	5535	5738	3.49	cps
Sodium	23-2	170891	170545	171408	170948	0.25	cps
Strontium	86-1	3592	3109	3125	3276	8.38	cps
Strontium	88-1	14791	14833	14133	14586	2.69	cps
Sulfur	34-1	426575	424980	428608	426721	0.43	cps
Terbium	159-1	1990403	1992715	2031217	2004779	1.14	cps
Terbium	159-2	933440	904638	924664	920914	1.60	cps
Thallium	203-1	4935	4843	4918	4898	1.00	cps
Thallium	205-1	11230	11547	11080	11286	2.11	cps
Thorium	232-1	14030	13680	14019	13910	1.43	cps
Tin	118-1	20674	21083	20708	20822	1.09	cps
Titanium	47-1	4134	4609	4409	4384	5.44	cps
Uranium	238-1	15569	14509	14167	14748	4.96	cps
Vanadium	51-2	7345	7165	6972	7161	2.61	cps
Yttrium	89-1	1846042	1835188	1867007	1849412	0.87	cps
Yttrium	89-2	248944	238955	247015	244971	2.16	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:06:46	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	880	883	910	891	1.85	cps
Zirconium	90-1	8228	8336	8003	8189	2.08	cps
Zirconium	91-1	1767	1942	1625	1778	8.92	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:13:00 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	25	17	50.01	cps
Antimony	121-1	158	150	242	183	27.65	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	58	25	8	31	83.33	cps
Barium	137-1	42	33	17	31	41.66	cps
Beryllium	9-1	106	94	89	96	8.81	cps
Bismuth	209-1	1189775	1150911	1167199	1169295	1.67	cps
Bismuth	209-2	675007	666857	680448	674104	1.01	cps
Boron	10-1	2642	3159	2659	2820	10.41	cps
Boron	11-1	13131	12948	13548	13209	2.33	cps
Cadmium	111-1	465	411	456	444	6.50	cps
Cadmium	106-1	650	575	633	619	6.36	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	83	117	142	114	25.69	cps
Calcium	44-1	6735	7419	7385	7180	5.37	cps
Chromium	52-2	480	503	587	523	10.72	cps
Cobalt	59-2	40	40	53	44	17.32	cps
Copper	63-2	1013	990	1000	1001	1.17	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	37	17	7	20	76.36	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	37	27	50	38	30.98	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	63	40	40	48	28.19	cps
Holmium	165-1	1988671	1886907	1948742	1941440	2.64	cps
Holmium	165-2	927206	922813	941931	930650	1.08	cps
Indium	115-1	1648914	1590270	1610250	1616478	1.84	cps
Indium	115-2	299361	292735	300109	297402	1.36	cps
Iron	56-2	4134	4028	3778	3980	4.59	cps
Iron	57-2	328	344	394	356	9.76	cps
Krypton	83-1	1027	1067	990	1028	3.73	cps
Lead	206-1	856	789	828	824	4.06	cps
Lead	207-1	778	578	872	743	20.25	cps
Lead	208-1	2889	2667	2945	2834	5.19	cps
Lithium	6-1	952652	929811	943578	942013	1.22	cps
Magnesium	24-2	342	417	292	350	17.98	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:13:00 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	143	143	140	4.12	cps
Molybdenum	94-1	92	75	150	106	37.31	cps
Molybdenum	95-1	67	108	58	78	34.44	cps
Molybdenum	96-1	108	100	125	111	11.46	cps
Molybdenum	97-1	58	33	67	53	32.88	cps
Molybdenum	98-1	117	133	183	144	24.02	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	17	17	20	18	10.81	cps
Phosphorus	31-2	67	75	125	89	35.50	cps
Potassium	39-2	22760	22668	22309	22579	1.05	cps
Rhodium	103-1	1556120	1524130	1523736	1534662	1.21	cps
Rhodium	103-2	685472	668310	690586	681456	1.71	cps
Scandium	45-1	1354543	1311464	1334239	1333415	1.62	cps
Scandium	45-2	56759	55979	57545	56761	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	56	46	49	12.21	cps
Selenium	82-1	-11	-38	43	-2	-2227.74	cps
Silicon	28-1	196632	199572	197513	197906	0.76	cps
Silver	109-1	50	42	25	39	32.73	cps
Silver	107-1	117	17	67	67	75.00	cps
Sodium	23-2	9270	9220	8970	9153	1.76	cps
Strontium	86-1	1583	1650	1558	1597	2.97	cps
Strontium	88-1	42	25	33	33	25.01	cps
Sulfur	34-1	436545	438596	437724	437622	0.24	cps
Terbium	159-1	2058531	1976136	2020839	2018502	2.04	cps
Terbium	159-2	910927	903227	919883	911346	0.91	cps
Thallium	203-1	517	525	575	539	5.85	cps
Thallium	205-1	892	950	1017	953	6.57	cps
Thorium	232-1	1661	1656	1611	1643	1.67	cps
Tin	118-1	425	383	367	392	7.67	cps
Titanium	47-1	58	83	92	78	22.30	cps
Uranium	238-1	2367	2275	2175	2273	4.22	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	1841473	1801817	1821843	1821711	1.09	cps
Yttrium	89-2	243779	239057	247210	243349	1.68	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:13:00	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	107	90	102	10.48	cps
Zirconium	90-1	183	133	158	158	15.79	cps
Zirconium	91-1	33	42	67	47	36.74	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7255707	7280890	7227726	7254774	0.37	cps
Antimony	121-1	6227	6518	6302	6349	2.39	cps
Arsenic	75-2	67	70	85	74	13.23	cps
Barium	135-1	1875	2125	1875	1959	7.37	cps
Barium	137-1	3367	3592	3034	3331	8.44	cps
Beryllium	9-1	689	883	717	763	13.78	cps
Bismuth	209-1	1122071	1106470	1104955	1111165	0.85	cps
Bismuth	209-2	616340	623599	618630	619523	0.60	cps
Boron	10-1	2684	2809	2709	2734	2.42	cps
Boron	11-1	13423	12931	13440	13265	2.18	cps
Cadmium	111-1	1319	1090	1295	1235	10.19	cps
Cadmium	106-1	592	558	558	569	3.38	cps
Cadmium	108-1	1683	1650	1596	1643	2.69	cps
Calcium	43-1	2260658	2265066	2236131	2253952	0.69	cps
Calcium	44-1	36965667	36687556	36449615	36700946	0.70	cps
Chromium	52-2	38510	38998	38383	38631	0.84	cps
Cobalt	59-2	3581	3704	3787	3691	2.82	cps
Copper	63-2	16473	15595	15999	16022	2.74	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	33	13	23	23	42.86	cps
Erbium	164-1	50	50	33	44	21.64	cps
Erbium	164-2	33	47	40	40	16.68	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	50	57	60	56	9.17	cps
Holmium	165-1	1983755	1954928	1983993	1974226	0.85	cps
Holmium	165-2	906707	933634	917817	919386	1.47	cps
Indium	115-1	1567946	1568398	1573707	1570017	0.20	cps
Indium	115-2	284839	283611	284891	284447	0.25	cps
Iron	56-2	152610337	154776309	152983270	153456639	0.75	cps
Iron	57-2	3835794	3804543	3792535	3810958	0.59	cps
Krypton	83-1	967	1063	1097	1042	6.48	cps
Lead	206-1	20038	19621	19259	19639	1.98	cps
Lead	207-1	15587	15026	15548	15387	2.04	cps
Lead	208-1	73279	72105	71626	72337	1.18	cps
Lithium	6-1	932918	920519	914608	922681	1.01	cps
Magnesium	24-2	18549617	18546774	18295308	18463900	0.79	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8953	8689	9060	8901	2.14	cps
Molybdenum	94-1	3335938	3276390	3229853	3280727	1.62	cps
Molybdenum	95-1	5752056	5721580	5809139	5760925	0.77	cps
Molybdenum	96-1	6275632	6133397	6250952	6219994	1.22	cps
Molybdenum	97-1	3555486	3512315	3506016	3524605	0.76	cps
Molybdenum	98-1	9391010	9349417	9417697	9386042	0.37	cps
Neodymium	150-1	27	73	33	44	56.78	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	4097	4047	4094	4080	0.69	cps
Phosphorus	31-2	464636	471939	460236	465604	1.27	cps
Potassium	39-2	15972497	16222980	15856803	16017427	1.17	cps
Rhodium	103-1	1445772	1435778	1431917	1437822	0.50	cps
Rhodium	103-2	638427	631431	628805	632888	0.79	cps
Scandium	45-1	1371496	1346029	1359175	1358900	0.94	cps
Scandium	45-2	55912	56759	55219	55963	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	50	48	51	5.58	cps
Selenium	82-1	35	65	53	51	30.20	cps
Silicon	28-1	356673	356032	362011	358239	0.92	cps
Silver	109-1	133	225	242	200	29.17	cps
Silver	107-1	150	200	225	192	19.92	cps
Sodium	23-2	36359269	36530361	36183950	36357860	0.48	cps
Strontium	86-1	70165	66848	67661	68225	2.53	cps
Strontium	88-1	591306	584965	582824	586365	0.75	cps
Sulfur	34-1	5222290	5215003	5204923	5214072	0.17	cps
Terbium	159-1	2057384	2026479	2036399	2040087	0.77	cps
Terbium	159-2	902516	912147	904735	906466	0.56	cps
Thallium	203-1	850	925	1025	933	9.41	cps
Thallium	205-1	1642	1667	1959	1756	10.03	cps
Thorium	232-1	1583	1511	1683	1593	5.43	cps
Tin	118-1	1125	1258	1167	1183	5.76	cps
Titanium	47-1	2074161	2058590	2064100	2065617	0.38	cps
Uranium	238-1	2225	2275	2450	2317	5.10	cps
Vanadium	51-2	233	233	297	254	14.37	cps
Yttrium	89-1	1866028	1819246	1823660	1836311	1.41	cps
Yttrium	89-2	241001	239998	239586	240195	0.30	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:16:34	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3704	3537	3574	3605	2.43	cps
Zirconium	90-1	450	642	450	514	21.53	cps
Zirconium	91-1	100	117	167	128	27.15	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:20:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7251041	7288586	7295651	7278426	0.33	cps
Antimony	121-1	111350	112424	112115	111963	0.49	cps
Arsenic	75-2	3977	3993	4080	4017	1.39	cps
Barium	135-1	28422	28706	29432	28853	1.81	cps
Barium	137-1	49807	48804	49925	49512	1.24	cps
Beryllium	9-1	49314	48021	48094	48476	1.50	cps
Bismuth	209-1	1100361	1095260	1089479	1095034	0.50	cps
Bismuth	209-2	619943	612337	620000	617427	0.71	cps
Boron	10-1	2492	2259	2517	2423	5.88	cps
Boron	11-1	11196	10904	11179	11093	1.48	cps
Cadmium	111-1	30265	29827	30041	30044	0.73	cps
Cadmium	106-1	3267	3117	3292	3225	2.94	cps
Cadmium	108-1	3334	3696	3430	3487	5.39	cps
Calcium	43-1	2256999	2218122	2245996	2240372	0.89	cps
Calcium	44-1	36564681	36587667	36566637	36572995	0.03	cps
Chromium	52-2	75955	76243	76930	76376	0.66	cps
Cobalt	59-2	62580	62496	61846	62307	0.64	cps
Copper	63-2	55555	55960	55301	55606	0.60	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	30	33	30	31	6.18	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	40	73	40	51	37.65	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	53	57	63	58	8.81	cps
Holmium	165-1	1949526	1974505	1957255	1960429	0.65	cps
Holmium	165-2	929182	910256	920147	919862	1.03	cps
Indium	115-1	1556289	1560962	1547884	1555045	0.43	cps
Indium	115-2	283168	286944	288089	286067	0.90	cps
Iron	56-2	153654731	154737415	154043126	154145090	0.36	cps
Iron	57-2	3775134	3849872	3792478	3805828	1.03	cps
Krypton	83-1	1020	1147	1093	1087	5.85	cps
Lead	206-1	98469	96604	98290	97788	1.05	cps
Lead	207-1	79241	81527	78895	79888	1.79	cps
Lead	208-1	372362	374397	371380	372713	0.41	cps
Lithium	6-1	901403	914188	911562	909051	0.74	cps
Magnesium	24-2	18496972	18785918	18599406	18627432	0.79	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:20:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31056	30819	30916	30930	0.39	cps
Molybdenum	94-1	3260831	3251868	3227451	3246717	0.53	cps
Molybdenum	95-1	5613227	5650379	5667172	5643593	0.49	cps
Molybdenum	96-1	6142014	6082161	6134608	6119594	0.53	cps
Molybdenum	97-1	3510892	3482561	3521243	3504899	0.57	cps
Molybdenum	98-1	9157703	9329514	9253159	9246792	0.93	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	19747	19173	19179	19366	1.70	cps
Phosphorus	31-2	470879	471691	470630	471067	0.12	cps
Potassium	39-2	16051085	16093794	16130385	16091755	0.25	cps
Rhodium	103-1	1441764	1423690	1427478	1430977	0.67	cps
Rhodium	103-2	634151	633386	643636	637057	0.90	cps
Scandium	45-1	1343007	1351128	1347176	1347103	0.30	cps
Scandium	45-2	57625	56665	57502	57264	0.91	cps
Selenium	77-2	113	113	70	99	25.30	cps
Selenium	78-2	470	469	431	457	4.80	cps
Selenium	82-1	2663	2564	2644	2624	2.01	cps
Silicon	28-1	373819	372025	375301	373715	0.44	cps
Silver	109-1	128323	127767	125277	127122	1.28	cps
Silver	107-1	134301	133585	132677	133521	0.61	cps
Sodium	23-2	36850969	37152740	37415454	37139721	0.76	cps
Strontium	86-1	69034	67192	66120	67448	2.19	cps
Strontium	88-1	583621	581060	573851	579511	0.87	cps
Sulfur	34-1	5223493	5261240	5195954	5226896	0.63	cps
Terbium	159-1	1993967	2004463	1972358	1990263	0.82	cps
Terbium	159-2	915355	911379	914877	913870	0.24	cps
Thallium	203-1	96542	97700	95217	96487	1.29	cps
Thallium	205-1	235057	233383	227943	232127	1.60	cps
Thorium	232-1	1734	1611	1800	1715	5.59	cps
Tin	118-1	1000	1250	1025	1092	12.61	cps
Titanium	47-1	2044132	2039196	2045878	2043069	0.17	cps
Uranium	238-1	2409	2359	2317	2361	1.94	cps
Vanadium	51-2	32122	32827	31935	32294	1.46	cps
Yttrium	89-1	1828204	1813739	1813418	1818454	0.46	cps
Yttrium	89-2	241309	239585	240052	240315	0.37	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:20:09	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9417	9380	8940	9245	2.87	cps
Zirconium	90-1	417	483	392	431	11.01	cps
Zirconium	91-1	92	150	67	103	41.61	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4420649	4373899	4428508	4407685	0.67	cps
Antimony	121-1	2701838	2700294	2682129	2694754	0.41	cps
Arsenic	75-2	100599	102260	100412	101090	1.01	cps
Barium	135-1	3487732	3417458	3478786	3461326	1.11	cps
Barium	137-1	6065286	5857384	5922839	5948503	1.79	cps
Beryllium	9-1	1220038	1201133	1217196	1212789	0.84	cps
Bismuth	209-1	1059871	1054716	1057466	1057351	0.24	cps
Bismuth	209-2	596845	603816	610602	603754	1.14	cps
Boron	10-1	199473	196290	202070	199278	1.45	cps
Boron	11-1	908399	918055	932855	919770	1.34	cps
Cadmium	111-1	814285	821877	812951	816371	0.59	cps
Cadmium	106-1	94105	91839	93124	93023	1.22	cps
Cadmium	108-1	62755	62442	63756	62984	1.09	cps
Calcium	43-1	5960475	5996714	6035365	5997518	0.62	cps
Calcium	44-1	96191142	95378317	95776619	95782026	0.42	cps
Chromium	52-2	1024603	1039424	1021394	1028474	0.94	cps
Cobalt	59-2	1506204	1521319	1515696	1514406	0.50	cps
Copper	63-2	2263379	2291789	2278538	2277902	0.62	cps
Dysprosium	156-1	108	108	125	114	8.45	cps
Dysprosium	156-2	70	120	93	94	26.49	cps
Erbium	164-1	33	50	92	58	51.51	cps
Erbium	164-2	57	33	33	41	32.78	cps
Gadolinium	160-1	25	92	25	47	81.51	cps
Gadolinium	160-2	70	60	53	61	13.73	cps
Holmium	165-1	1931951	1900601	1942185	1924912	1.13	cps
Holmium	165-2	921051	918382	935448	924960	0.99	cps
Indium	115-1	1531516	1505740	1532325	1523194	0.99	cps
Indium	115-2	275614	280228	275048	276963	1.03	cps
Iron	56-2	204384321	204829155	204838799	204684092	0.13	cps
Iron	57-2	5059483	5083720	5132431	5091878	0.73	cps
Krypton	83-1	1097	1210	1103	1137	5.60	cps
Lead	206-1	1915066	1910601	1902275	1909314	0.34	cps
Lead	207-1	1673842	1673903	1668597	1672114	0.18	cps
Lead	208-1	7595758	7618546	7618053	7610786	0.17	cps
Lithium	6-1	888146	879448	892351	886648	0.74	cps
Magnesium	24-2	48540347	48648908	48673957	48621071	0.15	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1148650	1161229	1162191	1157356	0.65	cps
Molybdenum	94-1	6502816	6426585	6452470	6460624	0.60	cps
Molybdenum	95-1	8067753	8012374	7957362	8012496	0.69	cps
Molybdenum	96-1	8978073	8849287	8910842	8912734	0.72	cps
Molybdenum	97-1	4905199	4874717	4847767	4875894	0.59	cps
Molybdenum	98-1	12997500	12884323	12934217	12938680	0.44	cps
Neodymium	150-1	320	260	367	316	16.95	cps
Neodymium	150-2	53	70	37	53	31.25	cps
Nickel	60-2	387727	394307	387713	389916	0.98	cps
Phosphorus	31-2	10579	10971	10487	10679	2.41	cps
Potassium	39-2	21558692	21592416	21440207	21530438	0.37	cps
Rhodium	103-1	1413106	1412866	1416517	1414163	0.14	cps
Rhodium	103-2	619352	617638	626668	621220	0.77	cps
Scandium	45-1	1358710	1355250	1349934	1354631	0.33	cps
Scandium	45-2	58498	58412	58753	58554	0.30	cps
Selenium	77-2	2724	2824	3144	2897	7.57	cps
Selenium	78-2	9537	9511	9249	9432	1.68	cps
Selenium	82-1	66228	64749	65494	65491	1.13	cps
Silicon	28-1	4550175	4584530	4645721	4593475	1.05	cps
Silver	109-1	3528601	3576332	3540762	3548565	0.70	cps
Silver	107-1	3698305	3703460	3740287	3714017	0.62	cps
Sodium	23-2	99279531	99500540	99736429	99505500	0.23	cps
Strontium	86-1	1014438	1006396	1002475	1007770	0.61	cps
Strontium	88-1	8651211	8537890	8701546	8630215	0.97	cps
Sulfur	34-1	489927	484918	487847	487564	0.52	cps
Terbium	159-1	1990767	1972332	1993723	1985607	0.58	cps
Terbium	159-2	904147	909143	922238	911843	1.02	cps
Thallium	203-1	2341882	2313701	2343037	2332873	0.71	cps
Thallium	205-1	5589184	5518132	5525525	5544280	0.70	cps
Thorium	232-1	1038318	1035658	1046491	1040156	0.54	cps
Tin	118-1	2352729	2369463	2411758	2377983	1.28	cps
Titanium	47-1	2698578	2657856	2642806	2666414	1.08	cps
Uranium	238-1	7665758	7625017	7550464	7613746	0.77	cps
Vanadium	51-2	849848	847833	845707	847796	0.24	cps
Yttrium	89-1	1852707	1853747	1832500	1846318	0.65	cps
Yttrium	89-2	243461	245120	247061	245214	0.73	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P7
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:23:45	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	352003	354508	350847	352452	0.53	cps
Zirconium	90-1	5377876	5396476	5371387	5381913	0.24	cps
Zirconium	91-1	1214859	1193299	1190585	1199581	1.11	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P7
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:27:21 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	250	233	256	9.96	cps
Antimony	121-1	1784	1834	1950	1856	4.61	cps
Arsenic	75-2	9	7	13	10	28.61	cps
Barium	135-1	133	192	217	181	23.68	cps
Barium	137-1	208	342	258	269	25.00	cps
Beryllium	9-1	294	194	217	235	22.33	cps
Bismuth	209-1	1180909	1155684	1147293	1161295	1.51	cps
Bismuth	209-2	669465	672706	667384	669852	0.40	cps
Boron	10-1	7352	7335	6810	7166	4.30	cps
Boron	11-1	33054	32996	29313	31787	6.74	cps
Cadmium	111-1	586	591	535	571	5.50	cps
Cadmium	106-1	692	708	675	692	2.41	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	375	417	375	389	6.19	cps
Calcium	44-1	11855	11280	12047	11727	3.40	cps
Chromium	52-2	523	637	590	583	9.76	cps
Cobalt	59-2	83	97	103	94	10.79	cps
Copper	63-2	1247	1087	1070	1135	8.60	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	57	50	43	50	13.34	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	40	33	53	42	24.12	cps
Holmium	165-1	1928194	1925992	1901515	1918567	0.77	cps
Holmium	165-2	921622	923966	914475	920021	0.54	cps
Indium	115-1	1652123	1642619	1620788	1638510	0.98	cps
Indium	115-2	301934	300526	296550	299670	0.93	cps
Iron	56-2	16248	16793	17010	16684	2.35	cps
Iron	57-2	756	644	650	683	9.16	cps
Krypton	83-1	1057	1017	943	1006	5.72	cps
Lead	206-1	1128	1245	1256	1209	5.85	cps
Lead	207-1	1083	1250	1072	1135	8.77	cps
Lead	208-1	4362	4567	4645	4524	3.24	cps
Lithium	6-1	931312	928363	929996	929890	0.16	cps
Magnesium	24-2	2525	2617	2567	2570	1.79	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:27:21	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	220	173	208	14.56	cps
Molybdenum	94-1	967	908	958	945	3.34	cps
Molybdenum	95-1	1025	1250	1325	1200	13.01	cps
Molybdenum	96-1	1450	1425	1500	1458	2.62	cps
Molybdenum	97-1	850	725	742	772	8.79	cps
Molybdenum	98-1	2142	2325	1925	2131	9.40	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	47	37	30	38	22.21	cps
Phosphorus	31-2	83	83	142	103	32.76	cps
Potassium	39-2	25297	26157	25323	25592	1.91	cps
Rhodium	103-1	1566772	1566242	1561772	1564929	0.18	cps
Rhodium	103-2	695272	679983	688327	687861	1.11	cps
Scandium	45-1	1376643	1369217	1355598	1367153	0.78	cps
Scandium	45-2	57829	57836	57097	57587	0.74	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	69	67	57	64	9.27	cps
Selenium	82-1	-9	28	62	27	130.15	cps
Silicon	28-1	215556	214278	211144	213659	1.06	cps
Silver	109-1	408	542	425	458	15.85	cps
Silver	107-1	533	542	517	531	2.40	cps
Sodium	23-2	19422	19221	19296	19313	0.52	cps
Strontium	86-1	1625	1508	1650	1595	4.74	cps
Strontium	88-1	442	475	325	414	19.03	cps
Sulfur	34-1	389149	390664	396745	392186	1.02	cps
Terbium	159-1	2015704	2005588	1988286	2003192	0.69	cps
Terbium	159-2	910555	920169	903176	911300	0.94	cps
Thallium	203-1	1317	1567	1308	1397	10.51	cps
Thallium	205-1	3126	2850	2575	2850	9.65	cps
Thorium	232-1	1583	1778	1633	1665	6.07	cps
Tin	118-1	850	1083	1000	978	12.09	cps
Titanium	47-1	242	283	258	261	8.03	cps
Uranium	238-1	2567	2525	2559	2550	0.86	cps
Vanadium	51-2	33	30	27	30	11.10	cps
Yttrium	89-1	1850074	1853518	1856962	1853518	0.19	cps
Yttrium	89-2	246359	244756	243633	244916	0.56	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P7
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:27:21	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	137	167	120	141	16.76	cps
Zirconium	90-1	433	492	683	536	24.40	cps
Zirconium	91-1	117	125	100	114	11.18	cps

LB Number : LB106112 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-11-05 15:31:34 DataFile Name : 022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1683	1800	1658	1714	4.41	cps
Antimony	121-1	11514	11780	11622	11639	1.15	cps
Arsenic	75-2	196	244	230	223	11.04	cps
Barium	135-1	13974	14692	14333	14333	2.50	cps
Barium	137-1	24464	25299	24180	24648	2.36	cps
Beryllium	9-1	2778	3084	2639	2834	8.03	cps
Bismuth	209-1	1180913	1170970	1161197	1171026	0.84	cps
Bismuth	209-2	674636	671913	666992	671180	0.58	cps
Boron	10-1	13915	13548	13890	13785	1.49	cps
Boron	11-1	62171	61208	62246	61875	0.94	cps
Cadmium	111-1	2156	2100	2244	2167	3.36	cps
Cadmium	106-1	783	733	825	781	5.88	cps
Cadmium	108-1	150	121	125	132	11.95	cps
Calcium	43-1	12497	12039	11622	12053	3.63	cps
Calcium	44-1	198841	198040	196191	197691	0.69	cps
Chromium	52-2	4811	4691	4771	4758	1.28	cps
Cobalt	59-2	3280	3180	3240	3234	1.56	cps
Copper	63-2	5211	4734	4964	4970	4.80	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	40	43	37	40	8.32	cps
Gadolinium	160-1	8	17	50	25	88.19	cps
Gadolinium	160-2	20	80	70	57	56.73	cps
Holmium	165-1	1976208	1945267	1911927	1944467	1.65	cps
Holmium	165-2	935159	920727	917967	924617	1.00	cps
Indium	115-1	1657773	1657584	1623217	1646191	1.21	cps
Indium	115-2	300263	296271	301283	299272	0.89	cps
Iron	56-2	92932	94968	94682	94194	1.17	cps
Iron	57-2	2650	2806	2517	2658	5.44	cps
Krypton	83-1	1120	920	1013	1018	9.83	cps
Lead	206-1	5335	4940	4868	5047	4.98	cps
Lead	207-1	4445	4468	4323	4412	1.76	cps
Lead	208-1	20201	19617	19150	19656	2.68	cps
Lithium	6-1	933046	942233	926974	934084	0.82	cps
Magnesium	24-2	100084	103120	102954	102053	1.67	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:31:34	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1243	1353	1443	1347	7.44	cps
Molybdenum	94-1	13081	12948	13115	13048	0.68	cps
Molybdenum	95-1	16360	16861	15768	16329	3.35	cps
Molybdenum	96-1	17620	17069	17528	17406	1.69	cps
Molybdenum	97-1	9854	9946	10254	10018	2.09	cps
Molybdenum	98-1	25816	26901	25791	26169	2.42	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	903	893	867	888	2.13	cps
Phosphorus	31-2	342	350	267	319	14.37	cps
Potassium	39-2	105566	107622	106616	106601	0.96	cps
Rhodium	103-1	1561379	1560512	1546645	1556179	0.53	cps
Rhodium	103-2	683543	682329	683717	683196	0.11	cps
Scandium	45-1	1366974	1338031	1360938	1355314	1.13	cps
Scandium	45-2	55654	58512	57461	57209	2.53	cps
Selenium	77-2	27	30	37	31	16.37	cps
Selenium	78-2	167	178	170	172	3.30	cps
Selenium	82-1	704	915	869	829	13.41	cps
Silicon	28-1	263175	261862	260657	261898	0.48	cps
Silver	109-1	6669	6844	7277	6930	4.52	cps
Silver	107-1	7152	7702	7552	7469	3.81	cps
Sodium	23-2	208540	205805	204506	206284	1.00	cps
Strontium	86-1	3717	3692	3951	3787	3.76	cps
Strontium	88-1	18162	17453	17795	17803	1.99	cps
Sulfur	34-1	416365	414847	415837	415683	0.19	cps
Terbium	159-1	2029577	2019602	1991056	2013412	0.99	cps
Terbium	159-2	899783	912618	913948	908783	0.86	cps
Thallium	203-1	5526	5460	5510	5499	0.63	cps
Thallium	205-1	12932	13307	12990	13077	1.54	cps
Thorium	232-1	17251	17151	17512	17304	1.08	cps
Tin	118-1	25908	25950	25624	25827	0.69	cps
Titanium	47-1	5660	5526	5685	5624	1.51	cps
Uranium	238-1	17421	16695	16895	17003	2.21	cps
Vanadium	51-2	9273	9073	8759	9035	2.87	cps
Yttrium	89-1	1883037	1878447	1849297	1870260	0.98	cps
Yttrium	89-2	242713	242641	245641	243665	0.70	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:31:34	DataFile Name :	022LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	900	937	877	904	3.34	cps
Zirconium	90-1	10788	10988	10563	10779	1.97	cps
Zirconium	91-1	2425	2392	2500	2439	2.27	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	517	517	536	6.28	cps
Antimony	121-1	2267	2592	2925	2595	12.69	cps
Arsenic	75-2	756	787	819	787	4.00	cps
Barium	135-1	36557	36925	37493	36992	1.27	cps
Barium	137-1	62735	65079	64711	64175	1.96	cps
Beryllium	9-1	106	117	144	122	16.39	cps
Bismuth	209-1	1175713	1188100	1190394	1184736	0.67	cps
Bismuth	209-2	677264	678557	674465	676762	0.31	cps
Boron	10-1	7285	6685	6552	6841	5.71	cps
Boron	11-1	31668	30683	31901	31417	2.06	cps
Cadmium	111-1	683	673	674	677	0.84	cps
Cadmium	106-1	650	633	625	636	2.00	cps
Cadmium	108-1	25	17	38	26	39.73	cps
Calcium	43-1	956425	964243	988270	969646	1.71	cps
Calcium	44-1	15396072	15715596	15721310	15610992	1.19	cps
Chromium	52-2	2734	2637	2814	2728	3.24	cps
Cobalt	59-2	507	507	487	500	2.31	cps
Copper	63-2	15922	15749	15889	15853	0.58	cps
Dysprosium	156-1	142	108	150	133	16.54	cps
Dysprosium	156-2	33	63	60	52	31.49	cps
Erbium	164-1	125	167	175	156	17.22	cps
Erbium	164-2	90	87	93	90	3.71	cps
Gadolinium	160-1	133	108	50	97	43.99	cps
Gadolinium	160-2	73	103	117	98	22.70	cps
Holmium	165-1	1893610	1932428	1934535	1920191	1.20	cps
Holmium	165-2	912756	922482	917401	917546	0.53	cps
Indium	115-1	1624408	1638487	1644652	1635849	0.63	cps
Indium	115-2	296132	292433	296977	295181	0.82	cps
Iron	56-2	10646103	10516383	10625364	10595950	0.66	cps
Iron	57-2	272662	264830	271333	269608	1.55	cps
Krypton	83-1	1043	1000	1103	1049	4.95	cps
Lead	206-1	3962	4029	4090	4027	1.59	cps
Lead	207-1	3601	3423	3395	3473	3.21	cps
Lead	208-1	15159	15132	14720	15004	1.64	cps
Lithium	6-1	991217	1020084	1035242	1015514	2.20	cps
Magnesium	24-2	1524726	1525694	1541013	1530478	0.60	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2442056	2428042	2435606	2435235	0.29	cps
Molybdenum	94-1	1142	1408	1442	1331	12.36	cps
Molybdenum	95-1	675	850	867	797	13.32	cps
Molybdenum	96-1	1000	1083	1200	1095	9.18	cps
Molybdenum	97-1	350	367	408	375	8.01	cps
Molybdenum	98-1	2567	2542	2500	2536	1.33	cps
Neodymium	150-1	93	120	107	107	12.50	cps
Neodymium	150-2	53	27	40	40	33.33	cps
Nickel	60-2	193	190	193	192	1.00	cps
Phosphorus	31-2	108	133	133	125	11.55	cps
Potassium	39-2	111408	110149	109443	110334	0.90	cps
Rhodium	103-1	1523887	1506455	1536253	1522198	0.98	cps
Rhodium	103-2	675400	677322	677160	676628	0.16	cps
Scandium	45-1	1340407	1399080	1377747	1372412	2.16	cps
Scandium	45-2	58177	58218	59010	58468	0.80	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	61	59	52	57	8.54	cps
Selenium	82-1	100	146	41	96	54.87	cps
Silicon	28-1	19982990	20252905	20700266	20312054	1.78	cps
Silver	109-1	3109	3651	3317	3359	8.14	cps
Silver	107-1	3309	3701	3409	3473	5.86	cps
Sodium	23-2	1204251	1214870	1210958	1210027	0.44	cps
Strontium	86-1	659073	662321	663601	661665	0.35	cps
Strontium	88-1	5514212	5584156	5688592	5595653	1.57	cps
Sulfur	34-1	447651	447126	452086	448954	0.61	cps
Terbium	159-1	1949792	1979236	1988163	1972397	1.02	cps
Terbium	159-2	905018	912077	896586	904560	0.86	cps
Thallium	203-1	3342	3467	3359	3389	2.00	cps
Thallium	205-1	7369	7669	7928	7655	3.65	cps
Thorium	232-1	1683	1639	2045	1789	12.44	cps
Tin	118-1	2767	2975	3167	2970	6.74	cps
Titanium	47-1	517	458	542	506	8.46	cps
Uranium	238-1	4501	4776	4509	4595	3.41	cps
Vanadium	51-2	347	377	310	344	9.69	cps
Yttrium	89-1	1825424	1863117	1852400	1846980	1.05	cps
Yttrium	89-2	243104	242264	243770	243046	0.31	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5451-07	Instrumnet Name :	P7
Client Sample ID :	FA19-JMW7332	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:35:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1683	1703	1507	1631	6.64	cps
Zirconium	90-1	2434	2625	2509	2523	3.83	cps
Zirconium	91-1	575	550	475	533	9.76	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5452-13	Instrumnet Name :	P7
Client Sample ID :	FA19-JBW7812B	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	442	617	486	23.66	cps
Antimony	121-1	6302	6077	7319	6566	10.08	cps
Arsenic	75-2	96	130	115	114	14.70	cps
Barium	135-1	110968	114759	116697	114141	2.55	cps
Barium	137-1	195295	197827	199114	197412	0.98	cps
Beryllium	9-1	89	100	67	85	19.92	cps
Bismuth	209-1	1171179	1170238	1169756	1170391	0.06	cps
Bismuth	209-2	655351	655779	640269	650466	1.36	cps
Boron	10-1	7527	6685	6919	7044	6.17	cps
Boron	11-1	32227	33063	33438	32909	1.88	cps
Cadmium	111-1	634	708	690	677	5.68	cps
Cadmium	106-1	583	600	550	578	4.41	cps
Cadmium	108-1	29	42	29	33	21.65	cps
Calcium	43-1	1890345	1901075	1933340	1908253	1.17	cps
Calcium	44-1	30756517	31127677	31117551	31000582	0.68	cps
Chromium	52-2	4034	3931	3577	3847	6.23	cps
Cobalt	59-2	537	600	527	554	7.17	cps
Copper	63-2	21039	20551	20458	20683	1.51	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	58	42	150	83	70.00	cps
Erbium	164-2	63	40	33	46	34.58	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	57	53	50	53	6.25	cps
Holmium	165-1	1836041	1855452	1880324	1857272	1.20	cps
Holmium	165-2	895986	886538	876235	886253	1.11	cps
Indium	115-1	1587577	1599736	1614642	1600652	0.85	cps
Indium	115-2	291729	290274	288901	290301	0.49	cps
Iron	56-2	37688	37488	35956	37044	2.56	cps
Iron	57-2	12556	13623	12617	12932	4.64	cps
Krypton	83-1	1027	1057	973	1019	4.14	cps
Lead	206-1	11611	11839	12100	11850	2.07	cps
Lead	207-1	10160	9704	10149	10004	2.60	cps
Lead	208-1	45749	45365	46316	45810	1.04	cps
Lithium	6-1	1129431	1169500	1183162	1160698	2.41	cps
Magnesium	24-2	4934426	4919520	4801520	4885155	1.49	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5452-13	Instrumnet Name :	P7
Client Sample ID :	FA19-JBW7812B	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11671	11054	10831	11186	3.89	cps
Molybdenum	94-1	517	533	650	567	12.82	cps
Molybdenum	95-1	458	417	525	467	11.71	cps
Molybdenum	96-1	558	567	650	592	8.57	cps
Molybdenum	97-1	342	350	333	342	2.44	cps
Molybdenum	98-1	2300	2342	2417	2353	2.51	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	13	33	27	24	41.66	cps
Nickel	60-2	1090	1063	1177	1110	5.34	cps
Phosphorus	31-2	142	83	133	119	26.41	cps
Potassium	39-2	105658	103510	102083	103750	1.73	cps
Rhodium	103-1	1449362	1455393	1450325	1451693	0.22	cps
Rhodium	103-2	643816	634356	639121	639098	0.74	cps
Scandium	45-1	1314296	1323177	1349193	1328889	1.36	cps
Scandium	45-2	56916	55966	53995	55625	2.68	cps
Selenium	77-2	10	10	17	12	31.50	cps
Selenium	78-2	72	57	50	60	18.89	cps
Selenium	82-1	134	43	164	114	55.17	cps
Silicon	28-1	26491646	26754030	26798867	26681514	0.62	cps
Silver	109-1	2875	3050	2792	2906	4.54	cps
Silver	107-1	2984	2975	2859	2939	2.38	cps
Sodium	23-2	1771472	1740370	1698019	1736620	2.12	cps
Strontium	86-1	2356654	2373828	2401953	2377478	0.96	cps
Strontium	88-1	20725065	21049444	21398283	21057597	1.60	cps
Sulfur	34-1	690634	693686	693678	692666	0.25	cps
Terbium	159-1	1900951	1920854	1952155	1924653	1.34	cps
Terbium	159-2	866380	876326	856470	866392	1.15	cps
Thallium	203-1	2417	2084	1984	2161	10.50	cps
Thallium	205-1	4651	4368	4042	4354	6.99	cps
Thorium	232-1	1684	1678	1889	1750	6.88	cps
Tin	118-1	6752	6860	6210	6607	5.27	cps
Titanium	47-1	783	858	892	845	6.57	cps
Uranium	238-1	6860	7536	7502	7300	5.21	cps
Vanadium	51-2	500	533	543	526	4.32	cps
Yttrium	89-1	1768495	1777267	1800074	1781945	0.91	cps
Yttrium	89-2	230645	229709	224987	228447	1.33	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	K5452-13	Instrumnet Name :	P7
Client Sample ID :	FA19-JBW7812B	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:38:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4134	4077	4217	4143	1.70	cps
Zirconium	90-1	625	658	850	711	17.08	cps
Zirconium	91-1	108	192	158	153	27.45	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4302898	4265015	4285328	4284414	0.44	cps
Antimony	121-1	2633327	2672398	2621857	2642528	1.00	cps
Arsenic	75-2	100021	99943	99555	99839	0.25	cps
Barium	135-1	3553653	3519387	3507212	3526751	0.68	cps
Barium	137-1	6280003	6260636	5907792	6149477	3.41	cps
Beryllium	9-1	1241228	1223990	1220905	1228708	0.89	cps
Bismuth	209-1	1082159	1072765	1067992	1074305	0.67	cps
Bismuth	209-2	605200	607453	605205	605952	0.21	cps
Boron	10-1	201853	199466	203921	201747	1.11	cps
Boron	11-1	925299	924167	960489	936652	2.20	cps
Cadmium	111-1	834708	818071	813396	822058	1.36	cps
Cadmium	106-1	94677	94633	95430	94914	0.47	cps
Cadmium	108-1	62583	64505	63056	63382	1.58	cps
Calcium	43-1	6079927	6085936	6008818	6058227	0.71	cps
Calcium	44-1	97287383	97453631	96776029	97172348	0.36	cps
Chromium	52-2	1029880	1028969	1013823	1024224	0.88	cps
Cobalt	59-2	1512204	1497975	1503171	1504450	0.48	cps
Copper	63-2	2271264	2256671	2263232	2263723	0.32	cps
Dysprosium	156-1	142	92	83	106	29.89	cps
Dysprosium	156-2	103	100	107	103	3.23	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	27	40	53	40	33.33	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	47	53	50	50	6.66	cps
Holmium	165-1	2001492	1988637	1989421	1993183	0.36	cps
Holmium	165-2	940525	922326	919953	927601	1.21	cps
Indium	115-1	1531575	1550763	1528516	1536951	0.78	cps
Indium	115-2	270817	272362	272589	271923	0.35	cps
Iron	56-2	203856255	202393571	200578621	202276149	0.81	cps
Iron	57-2	5024336	5032941	5002440	5019906	0.31	cps
Krypton	83-1	1080	1017	1043	1047	3.04	cps
Lead	206-1	1970291	1969814	1987954	1976020	0.52	cps
Lead	207-1	1714770	1739681	1715991	1723481	0.81	cps
Lead	208-1	7799778	7844665	7781615	7808686	0.42	cps
Lithium	6-1	936275	926337	917876	926829	0.99	cps
Magnesium	24-2	48791099	47468353	47829052	48029501	1.42	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1143451	1142307	1134600	1140119	0.42	cps
Molybdenum	94-1	6749842	6597331	6535678	6627617	1.66	cps
Molybdenum	95-1	8263409	8206767	8126526	8198901	0.84	cps
Molybdenum	96-1	9266219	8957746	9006977	9076981	1.83	cps
Molybdenum	97-1	4941629	4919032	4990254	4950305	0.74	cps
Molybdenum	98-1	13053877	13179258	13241043	13158059	0.72	cps
Neodymium	150-1	353	240	260	284	21.27	cps
Neodymium	150-2	50	33	50	44	21.66	cps
Nickel	60-2	390256	391282	389645	390394	0.21	cps
Phosphorus	31-2	10613	10671	9837	10373	4.49	cps
Potassium	39-2	21231286	21104439	21069837	21135188	0.40	cps
Rhodium	103-1	1437202	1449531	1434541	1440425	0.56	cps
Rhodium	103-2	623384	625194	623816	624131	0.15	cps
Scandium	45-1	1365893	1368974	1370269	1368379	0.16	cps
Scandium	45-2	57501	57277	58298	57692	0.93	cps
Selenium	77-2	2874	2910	2690	2825	4.17	cps
Selenium	78-2	9249	9390	9068	9236	1.75	cps
Selenium	82-1	66372	65985	65184	65847	0.92	cps
Silicon	28-1	4576555	4606906	4617474	4600312	0.46	cps
Silver	109-1	3629397	3584753	3605272	3606474	0.62	cps
Silver	107-1	3817226	3742742	3771144	3777037	1.00	cps
Sodium	23-2	98750811	98018325	97454963	98074699	0.66	cps
Strontium	86-1	1029827	1006828	1004439	1013698	1.38	cps
Strontium	88-1	8879039	8782480	8757909	8806476	0.73	cps
Sulfur	34-1	512368	507325	504602	508099	0.78	cps
Terbium	159-1	2061779	2059021	2028255	2049685	0.91	cps
Terbium	159-2	905063	915526	913157	911249	0.60	cps
Thallium	203-1	2423146	2419699	2413800	2418882	0.20	cps
Thallium	205-1	5762501	5703057	5658398	5707985	0.91	cps
Thorium	232-1	1062662	1065049	1064009	1063907	0.11	cps
Tin	118-1	2437176	2444404	2393461	2425014	1.14	cps
Titanium	47-1	2737564	2716408	2690145	2714706	0.88	cps
Uranium	238-1	7869166	7831698	7808992	7836618	0.39	cps
Vanadium	51-2	849272	848150	838245	845222	0.72	cps
Yttrium	89-1	1875622	1846213	1897992	1873276	1.39	cps
Yttrium	89-2	242465	245418	247140	245008	0.97	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P7
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:42:47	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	347719	352997	347825	349513	0.86	cps
Zirconium	90-1	5399660	5483903	5514900	5466154	1.09	cps
Zirconium	91-1	1243872	1221253	1206192	1223773	1.55	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	92	108	20.35	cps
Antimony	121-1	1167	1442	1417	1342	11.33	cps
Arsenic	75-2	17	15	4	12	59.81	cps
Barium	135-1	108	92	108	103	9.36	cps
Barium	137-1	192	192	175	186	5.17	cps
Beryllium	9-1	244	122	183	183	33.33	cps
Bismuth	209-1	1172936	1169758	1170866	1171187	0.14	cps
Bismuth	209-2	663527	662893	656463	660961	0.59	cps
Boron	10-1	6468	6143	5768	6126	5.72	cps
Boron	11-1	31233	28436	28094	29254	5.89	cps
Cadmium	111-1	613	457	482	517	16.23	cps
Cadmium	106-1	733	542	583	619	16.27	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	225	308	250	261	16.38	cps
Calcium	44-1	8886	8853	8811	8850	0.42	cps
Chromium	52-2	673	677	560	637	10.43	cps
Cobalt	59-2	60	47	53	53	12.50	cps
Copper	63-2	1710	1630	1607	1649	3.29	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	33	0	50	28	91.65	cps
Erbium	164-2	43	37	37	39	9.89	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	43	37	57	46	22.36	cps
Holmium	165-1	1947282	1986759	1947397	1960479	1.16	cps
Holmium	165-2	918773	906136	908545	911151	0.74	cps
Indium	115-1	1625401	1656410	1619750	1633854	1.21	cps
Indium	115-2	294177	292300	293146	293208	0.32	cps
Iron	56-2	9687	9653	10209	9850	3.17	cps
Iron	57-2	522	539	506	522	3.19	cps
Krypton	83-1	947	1063	987	999	5.94	cps
Lead	206-1	2067	1917	1661	1882	10.90	cps
Lead	207-1	1789	1928	1845	1854	3.77	cps
Lead	208-1	7423	7707	7095	7408	4.13	cps
Lithium	6-1	951175	942151	936101	943142	0.80	cps
Magnesium	24-2	1408	1408	1583	1467	6.89	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	183	167	167	10.00	cps
Molybdenum	94-1	583	650	675	636	7.45	cps
Molybdenum	95-1	692	692	717	700	2.06	cps
Molybdenum	96-1	783	967	858	870	10.60	cps
Molybdenum	97-1	475	375	375	408	14.14	cps
Molybdenum	98-1	1200	1150	1300	1217	6.28	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	27	33	23	28	18.33	cps
Phosphorus	31-2	108	75	67	83	26.46	cps
Potassium	39-2	26274	25314	25656	25748	1.89	cps
Rhodium	103-1	1538141	1565712	1535736	1546530	1.08	cps
Rhodium	103-2	688300	678613	673417	680110	1.11	cps
Scandium	45-1	1340990	1334006	1345368	1340121	0.43	cps
Scandium	45-2	55045	55380	55788	55405	0.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	50	41	51	21.79	cps
Selenium	82-1	87	-35	75	42	158.83	cps
Silicon	28-1	199589	201083	199648	200107	0.42	cps
Silver	109-1	825	750	792	789	4.76	cps
Silver	107-1	833	933	892	886	5.67	cps
Sodium	23-2	30883	31150	29981	30671	2.00	cps
Strontium	86-1	1592	1658	1825	1692	7.11	cps
Strontium	88-1	358	383	358	367	3.94	cps
Sulfur	34-1	394411	397769	393852	395344	0.54	cps
Terbium	159-1	2006626	2036467	1991679	2011591	1.13	cps
Terbium	159-2	916500	900474	908869	908614	0.88	cps
Thallium	203-1	908	808	875	864	5.89	cps
Thallium	205-1	1817	1884	1634	1778	7.28	cps
Thorium	232-1	1795	2128	1695	1872	12.12	cps
Tin	118-1	767	608	700	692	11.49	cps
Titanium	47-1	125	192	192	169	22.71	cps
Uranium	238-1	2625	2492	2375	2498	5.01	cps
Vanadium	51-2	23	23	40	29	33.32	cps
Yttrium	89-1	1834557	1824971	1828626	1829385	0.26	cps
Yttrium	89-2	239237	238187	240489	239304	0.48	cps

LB Number :	LB106112	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P7
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2019-11-05 15:47:18	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	143	173	170	162	10.13	cps
Zirconium	90-1	450	458	442	450	1.85	cps
Zirconium	91-1	67	58	92	72	24.02	cps