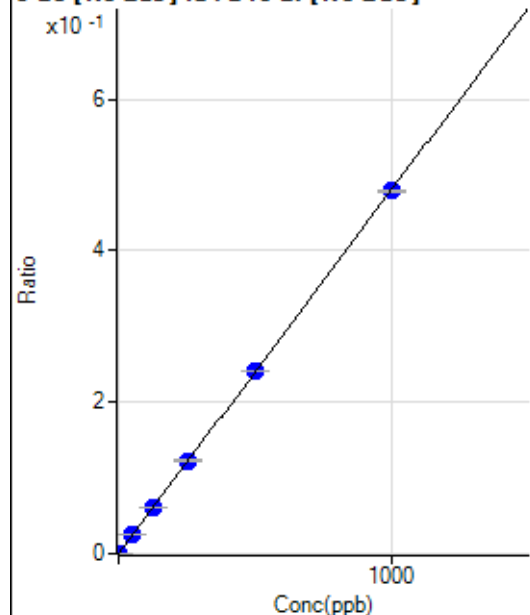


Batch Folder: D:\ICP-MS Data\P7101619 MS.b\
Analysis File: P7101619 MS.batch.bin
DA Date-Time: 2019-10-16 13:22:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-10-16 12:12:37
2	004CALS.d	S01	2019-10-16 12:16:11
3	005CALS.d	S02	2019-10-16 12:20:30
4	006CALS.d	S03	2019-10-16 12:24:24
5	007CALS.d	S04	2019-10-16 12:28:19
6	008CALS.d	S05	2019-10-16 12:32:09
7	009CALS.d	S06	2019-10-16 12:35:59
8	010CALS.d	S07	2019-10-16 12:39:46
9	011CALS.d	S08	2019-10-16 12:43:32

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0000	P	16.3
2	☐	0.100	0.073	151.86	0.0001	P	4.9
3	☐	1.000	1.000	1437.14	0.0005	P	8.2
4	☐	50.000	52.050	70667.87	0.0250	P	0.7
5	☐	125.000	128.116	160908.22	0.0615	P	1.0
6	☐	250.000	255.753	291267.70	0.1228	P	0.8
7	☐	500.000	501.877	552910.94	0.2410	P	0.8
8	☐	1000.000	997.131	1037104.97	0.4789	P	0.6
9	☐			357.42	0.0002	P	7.4

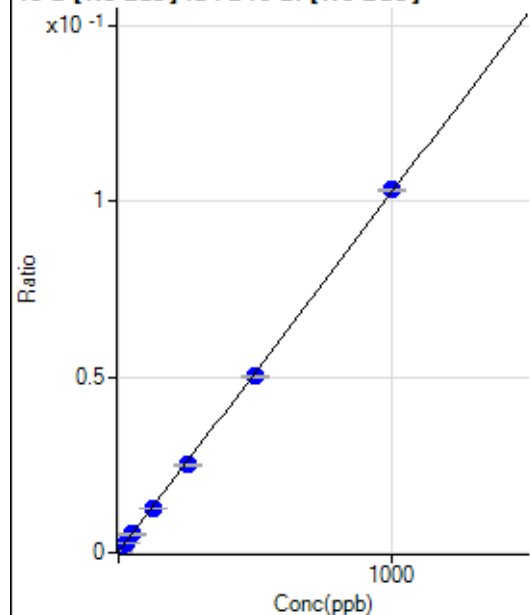
$$y = 4.8022\text{E-}004 * x + 1.8052\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01843$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	438.92	0.0002	P	4.9
2	☐	2.500	2.173	1072.30	0.0004	P	3.6
3	☐	25.000	23.428	7349.29	0.0025	P	1.9
4	☐	50.000	49.589	14760.47	0.0052	P	2.4
5	☐	125.000	121.994	33014.66	0.0126	P	3.2
6	☐	250.000	243.179	59330.95	0.0250	P	2.3
7	☐	500.000	488.592	114981.37	0.0501	P	1.5
8	☐	1000.000	1007.846	223574.04	0.1032	P	0.2
9	☐			9856.36	0.0044	P	7.6

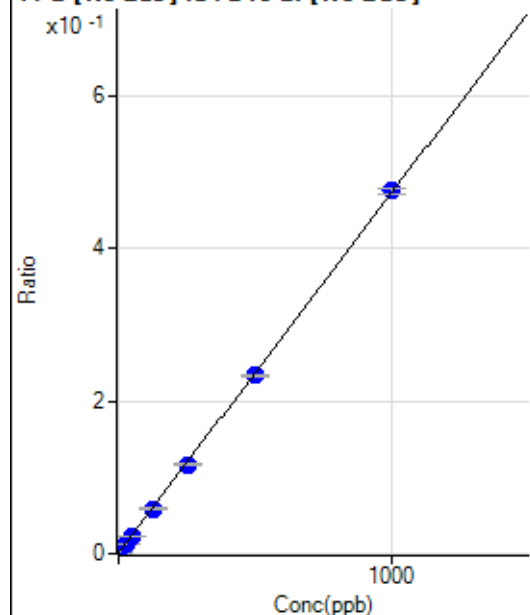
$$y = 1.0228\text{E-}004 * x + 1.5281\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2177$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1905.75	0.0007	P	1.5
2	☐	2.500	2.425	5173.29	0.0018	P	5.4
3	☐	25.000	23.548	34005.94	0.0118	P	2.8
4	☐	50.000	48.262	66323.86	0.0235	P	2.1
5	☐	125.000	122.627	153248.11	0.0586	P	3.2
6	☐	250.000	245.382	276571.70	0.1167	P	2.1
7	☐	500.000	492.719	535751.37	0.2336	P	1.2
8	☐	1000.000	1005.215	1030451.52	0.4758	P	1.3
9	☐			44992.73	0.0200	P	6.0

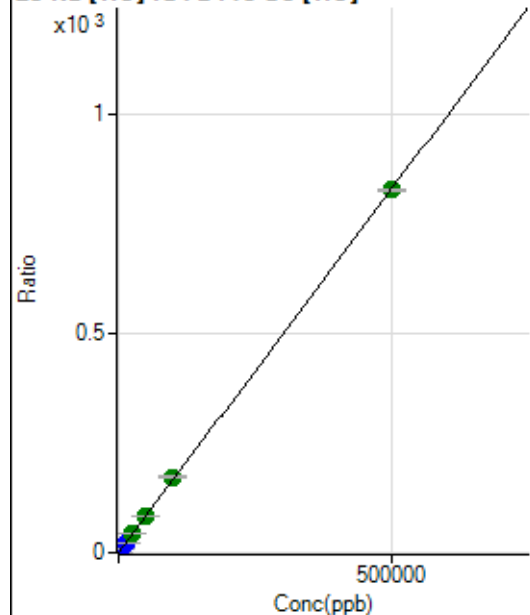
$$y = 4.7268\text{E-}004 * x + 6.6348\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.06281$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4334.13	0.0274	P	6.7
2	☐	50.000	47.272	16821.06	0.1057	P	5.2
3	☐	500.000	505.559	137908.76	0.8645	P	0.6
4	☐	5000.000	5104.979	1288308.27	8.4800	P	0.4
5	☐	12500.000	12828.147	2941623.28	21.2676	P	0.5
6	☐	25000.000	25949.946	5499326.08	42.9939	A	0.5
7	☐	50000.000	51441.916	10792795.29	85.2020	A	0.2
8	☐	100000.00	104285.03	20843562.44	172.6966	A	1.0
9	☐	500000.00	498942.04	128670784.8	826.1468	A	0.8

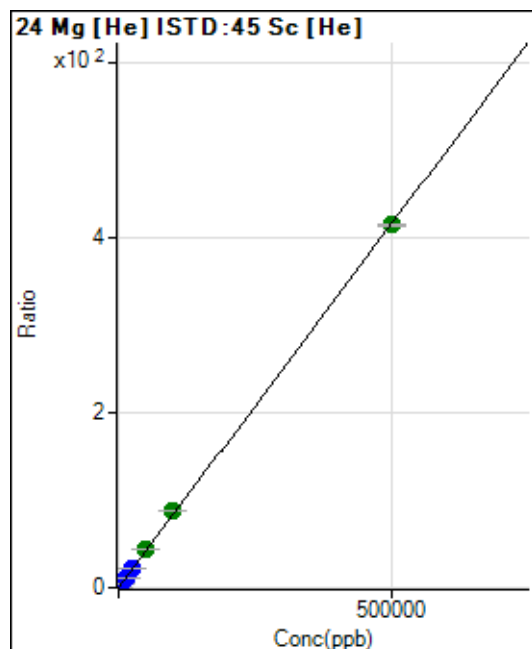
$$y = 0.0017 * x + 0.0274$$

$$R = 1.0000$$

$$DL = 3.311$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	680.60	0.0043	P	6.4
2	☐	50.000	49.282	7210.36	0.0453	P	3.4
3	☐	500.000	534.300	71612.61	0.4489	P	1.9
4	☐	5000.000	5245.202	663766.13	4.3691	P	0.4
5	☐	12500.000	13062.205	1504041.96	10.8740	P	0.2
6	☐	25000.000	26219.890	2791408.48	21.8231	P	0.5
7	☐	50000.000	52261.927	5509523.30	43.4939	A	0.0
8	☐	100000.00	105155.97	10562139.30	87.5096	A	0.6
9	☐	500000.00	498665.07	64630895.19	414.9671	A	0.4

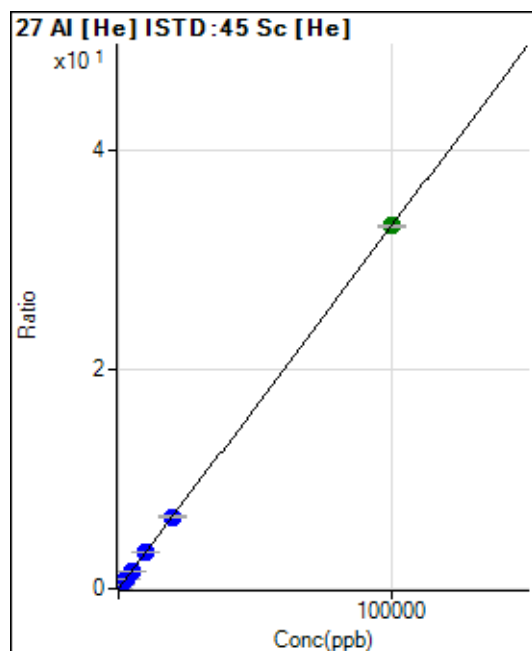
$$y = 8.3215\text{E-}004 * x + 0.0043$$

$$R = 0.9999$$

$$DL = 1.001$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0003	P	16.1
2	☐	2.000	1.790	144.45	0.0009	P	42.6
3	☐	20.000	20.534	1133.42	0.0071	P	5.4
4	☐	1000.000	1011.960	50879.00	0.3349	P	1.3
5	☐	2500.000	2511.109	114877.47	0.8305	P	1.0
6	☐	5000.000	4994.424	211255.12	1.6516	P	0.9
7	☐	10000.000	9936.911	416210.16	3.2857	P	0.8
8	☐	20000.000	19859.237	792518.98	6.5662	P	0.7
9	☐	100000.00	100034.34	5151268.56	33.0738	A	0.5

$$y = 3.3062\text{E-}004 * x + 3.1639\text{E-}004$$

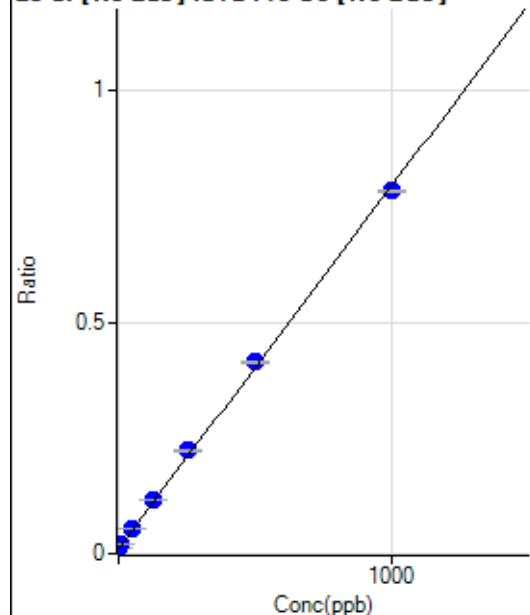
$$R = 1.0000$$

$$DL = 0.4626$$

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	45673.43	0.0112	P	1.8
2	☐	1.000	0.867	48604.80	0.0119	P	1.5
3	☐	10.000	9.963	78095.59	0.0190	P	1.0
4	☐	50.000	53.072	211235.22	0.0528	P	0.6
5	☐	125.000	134.328	433891.10	0.1164	P	2.4
6	☐	250.000	269.832	744944.79	0.2225	P	0.5
7	☐	500.000	513.996	1339076.11	0.4136	P	1.0
8	☐	1000.000	986.725	2418413.79	0.7838	P	0.5
9	☐			138613.12	0.0407	P	0.4

$$y = 7.8291\text{E-}004 * x + 0.0112$$

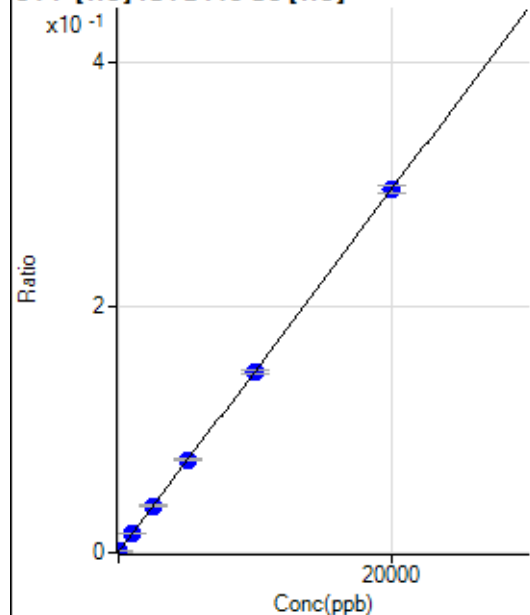
$$R = 0.9996$$

$$DL = 0.7796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-25.134	13.89	0.0001	P	70.0
2	☐	0.000	-12.207	44.45	0.0003	P	38.7
3	☐	0.000	37.342	161.12	0.0010	P	34.0
4	☐	1000.000	1021.433	2361.39	0.0155	P	1.3
5	☐	2500.000	2551.673	5276.17	0.0381	P	4.4
6	☐	5000.000	5091.268	9675.72	0.0756	P	2.0
7	☐	10000.000	9977.955	18723.48	0.1478	P	2.1
8	☐	20000.000	19980.675	35665.91	0.2955	P	2.3
9	☐			55.56	0.0004	P	58.1

$$y = 1.4768\text{E-}005 * x + 4.5935\text{E-}004$$

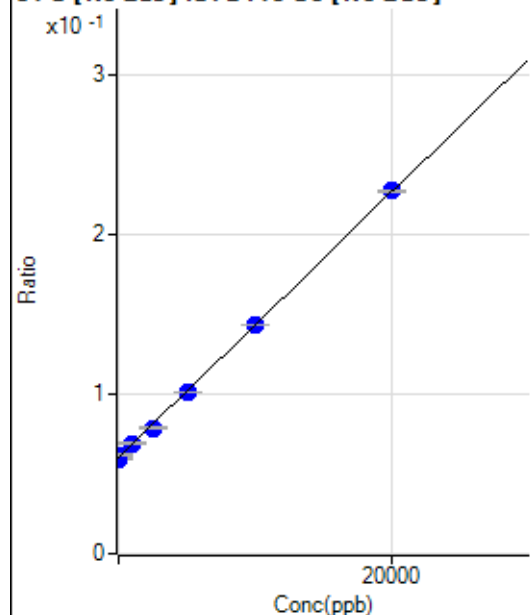
$$R = 1.0000$$

$$DL = 34.75$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-150.057	240077.84	0.0590	P	0.3
2	☐	0.000	-62.172	243911.20	0.0598	P	0.1
3	☐	0.000	212.229	254641.33	0.0621	P	1.3
4	☐	1000.000	1072.899	277099.68	0.0692	P	0.8
5	☐	2500.000	2224.686	293915.94	0.0788	P	2.0
6	☐	5000.000	4874.178	337939.16	0.1009	P	0.2
7	☐	10000.000	9985.051	464658.78	0.1435	P	0.5
8	☐	20000.000	20069.699	702290.52	0.2276	P	0.6
9	☐			235555.16	0.0692	P	0.7

$$y = 8.3357\text{E-}006 * x + 0.0603$$

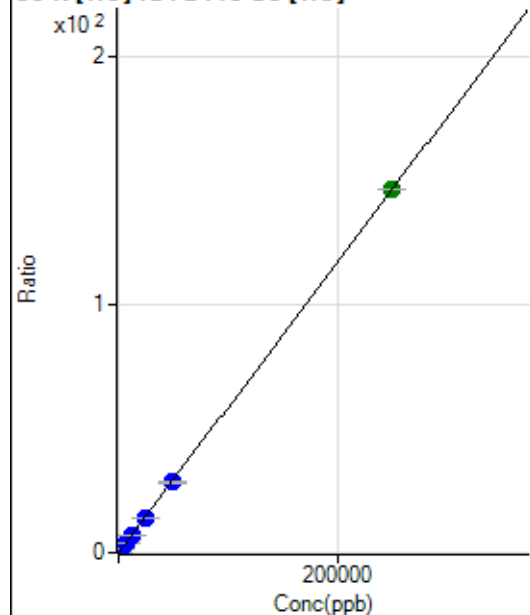
$$R = 0.9998$$

$$DL = 121.9$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4559.23	0.0289	P	4.7
2	☐	50.000	47.437	8991.97	0.0565	P	3.5
3	☐	500.000	493.054	50453.29	0.3163	P	1.3
4	☐	2500.000	2471.009	223223.65	1.4693	P	0.4
5	☐	6250.000	6194.988	503496.71	3.6402	P	0.2
6	☐	12500.000	12376.418	926558.05	7.2436	P	0.6
7	☐	25000.000	24327.545	1800090.58	14.2105	P	0.5
8	☐	50000.000	48413.832	3409957.06	28.2515	P	0.4
9	☐	250000.00	250392.33	22738462.49	145.9941	A	0.1

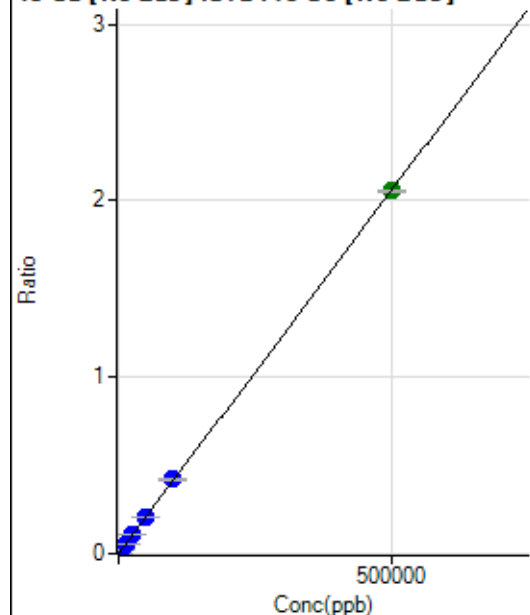
$$y = 5.8295\text{E-}004 * x + 0.0289$$

$$R = 1.0000$$

$$DL = 6.937$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	8.0
2	☐	50.000	51.955	972.30	0.0002	P	3.1
3	☐	500.000	518.372	8850.23	0.0022	P	2.7
4	☐	5000.000	5140.724	84719.74	0.0212	P	1.1
5	☐	12500.000	12589.063	193126.19	0.0518	P	2.1
6	☐	25000.000	25382.576	349679.69	0.1044	P	0.6
7	☐	50000.000	50792.345	676458.95	0.2090	P	0.7
8	☐	100000.00	102047.37	1295338.51	0.4198	P	0.6
9	☐	500000.00	499488.50	6992832.97	2.0546	A	0.4

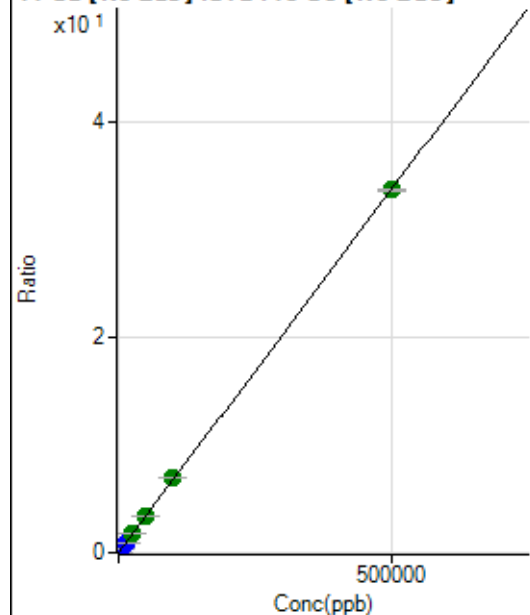
$$y = 4.1134\text{E-}006 * x + 2.4592\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.429$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3244.94	0.0008	P	7.4
2	☐	50.000	51.012	17277.35	0.0042	P	3.3
3	☐	500.000	499.063	141226.62	0.0344	P	0.7
4	☐	5000.000	5037.344	1361361.36	0.3402	P	0.9
5	☐	12500.000	12311.567	3095132.73	0.8303	P	1.9
6	☐	25000.000	25253.177	5699521.65	1.7022	A	0.1
7	☐	50000.000	50744.613	11070780.54	3.4197	A	0.2
8	☐	100000.00	102840.38	21382774.44	6.9296	A	0.1
9	☐	500000.00	499349.14	114523459.5	33.6443	A	0.2

$$y = 6.7375\text{E-}005 * x + 7.9808\text{E-}004$$

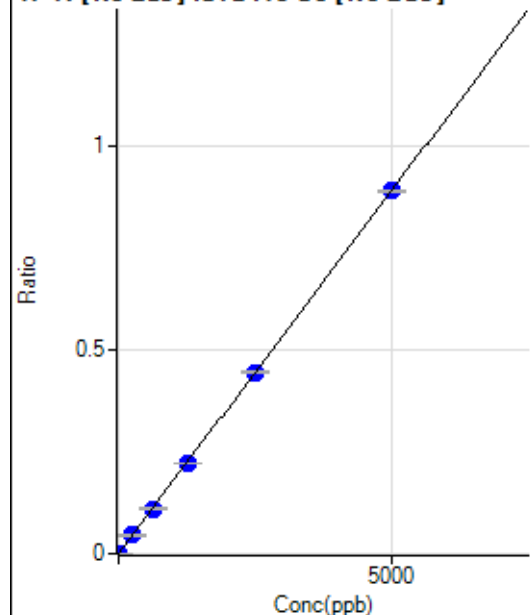
$$R = 1.0000$$

$$DL = 2.613$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	16.4
2	☐	0.500	0.504	444.47	0.0001	P	22.2
3	☐	5.000	5.557	4136.85	0.0010	P	2.5
4	☐	250.000	252.633	180021.72	0.0450	P	1.4
5	☐	625.000	620.788	411955.19	0.1105	P	2.2
6	☐	1250.000	1249.520	744732.35	0.2224	P	0.1
7	☐	2500.000	2501.433	1441450.54	0.4453	P	0.4
8	☐	5000.000	4999.798	2746074.65	0.8899	P	0.3
9	☐			1777.95	0.0005	P	1.1

$$y = 1.7799\text{E-}004 * x + 1.9131\text{E-}005$$

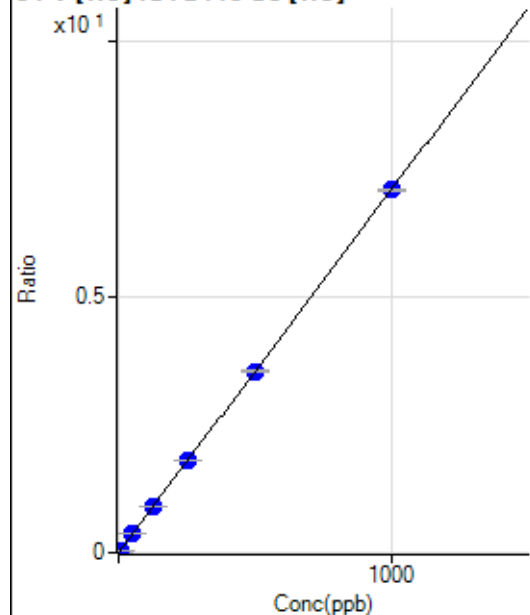
$$R = 1.0000$$

$$DL = 0.05274$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0001	P	74.8
2	☐	0.500	0.535	617.80	0.0039	P	8.3
3	☐	5.000	5.398	6132.48	0.0384	P	1.2
4	☐	50.000	51.106	55186.25	0.3632	P	1.9
5	☐	125.000	126.360	124209.06	0.8980	P	0.3
6	☐	250.000	252.509	229526.35	1.7944	P	0.1
7	☐	500.000	500.029	450113.17	3.5533	P	0.2
8	☐	1000.000	999.131	856940.64	7.1000	P	0.8
9	☐			336.68	0.0022	P	7.3

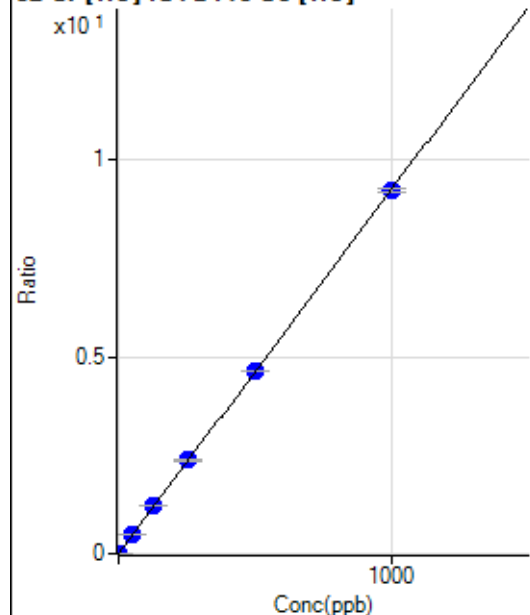
$$y = 0.0071 * x + 8.4149\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02656$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.00	0.0017	P	4.6
2	☐	0.200	0.194	557.80	0.0035	P	5.5
3	☐	2.000	2.081	3341.53	0.0209	P	4.4
4	☐	50.000	51.971	73253.09	0.4822	P	1.2
5	☐	125.000	129.504	165834.18	1.1990	P	0.3
6	☐	250.000	256.282	303268.29	2.3710	P	0.4
7	☐	500.000	503.222	589530.42	4.6539	P	0.2
8	☐	1000.000	996.157	1111733.31	9.2111	P	1.2
9	☐			51432.73	0.3302	P	0.4

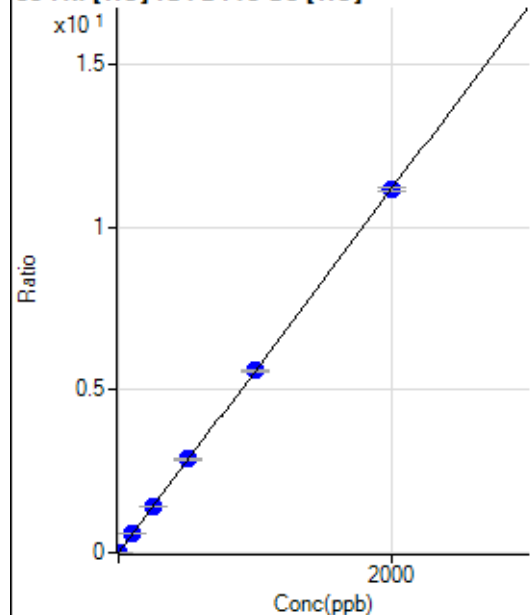
$$y = 0.0092 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 0.02529$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.66	0.0003	P	25.0
2	☐	0.100	0.087	124.45	0.0008	P	7.9
3	☐	1.000	1.114	1041.16	0.0065	P	3.1
4	☐	100.000	102.927	87503.78	0.5760	P	0.4
5	☐	250.000	255.784	197920.43	1.4309	P	0.3
6	☐	500.000	513.693	367526.99	2.8734	P	0.6
7	☐	1000.000	1000.458	708857.90	5.5959	P	0.2
8	☐	2000.000	1995.478	1347091.21	11.1612	P	1.1
9	☐			6166.95	0.0396	P	3.4

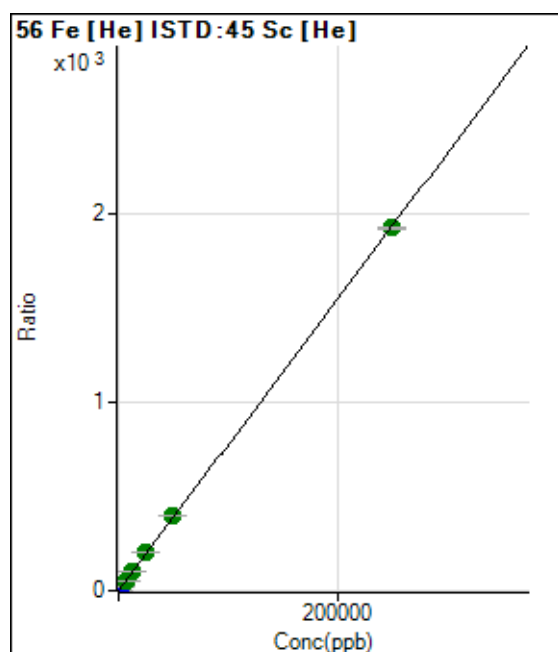
$$y = 0.0056 * x + 2.9557E-004$$

$$R = 1.0000$$

$$DL = 0.03957$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3189.33	0.0202	P	2.9
2	☐	5.000	3.930	8026.48	0.0505	P	0.4
3	☐	50.000	55.935	71923.98	0.4509	P	1.1
4	☐	2500.000	2689.542	3149226.75	20.7291	P	0.6
5	☐	6250.000	6646.467	7081149.35	51.1966	A	0.6
6	☐	12500.000	13327.006	13127469.16	102.6354	A	0.9
7	☐	25000.000	26115.907	25474914.69	201.1072	A	0.2
8	☐	50000.000	51966.527	48296664.97	400.1516	A	0.9
9	☐	250000.00	249441.94	299146358.5	1,920.671	A	0.6

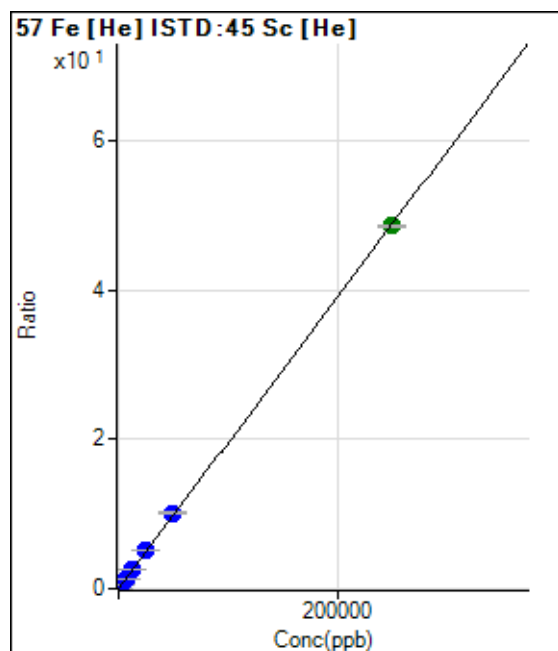
$$y = 0.0077 * x + 0.0202$$

$$R = 1.0000$$

$$DL = 0.2319$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.60	0.0006	P	38.9
2	☐	5.000	3.624	205.56	0.0013	P	9.5
3	☐	50.000	54.932	1800.16	0.0113	P	6.5
4	☐	2500.000	2699.606	79961.37	0.5263	P	0.6
5	☐	6250.000	6745.830	181790.81	1.3143	P	0.2
6	☐	12500.000	13475.207	335730.47	2.6249	P	0.9
7	☐	25000.000	26362.640	650427.17	5.1347	P	0.3
8	☐	50000.000	52200.520	1227078.54	10.1666	P	0.7
9	☐	250000.00	249360.47	7563347.57	48.5631	A	0.4

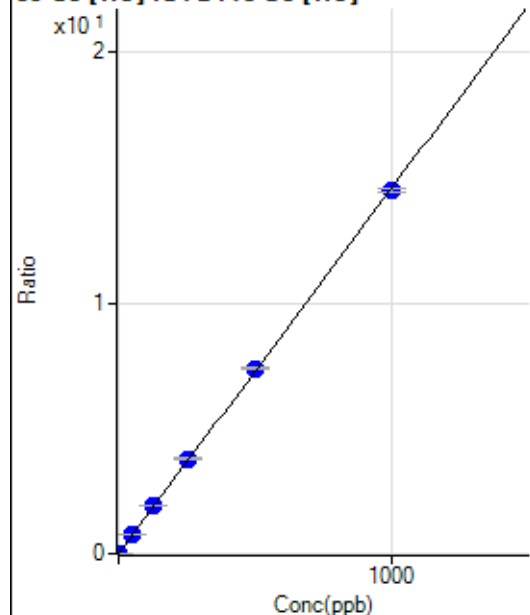
$$y = 1.9475E-004 * x + 5.8619E-004$$

$$R = 0.9999$$

$$DL = 3.508$$

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	43.33	0.0003	P	15.9
2	☐	0.100	0.087	244.45	0.0015	P	10.6
3	☐	1.000	1.032	2442.47	0.0153	P	3.6
4	☐	50.000	53.253	117936.78	0.7763	P	1.1
5	☐	125.000	131.776	265637.99	1.9205	P	0.5
6	☐	250.000	260.428	485440.15	3.7953	P	0.7
7	☐	500.000	506.577	935140.64	7.3822	P	0.6
8	☐	1000.000	993.095	1746672.42	14.4719	P	1.2
9	☐			27424.72	0.1761	P	1.3

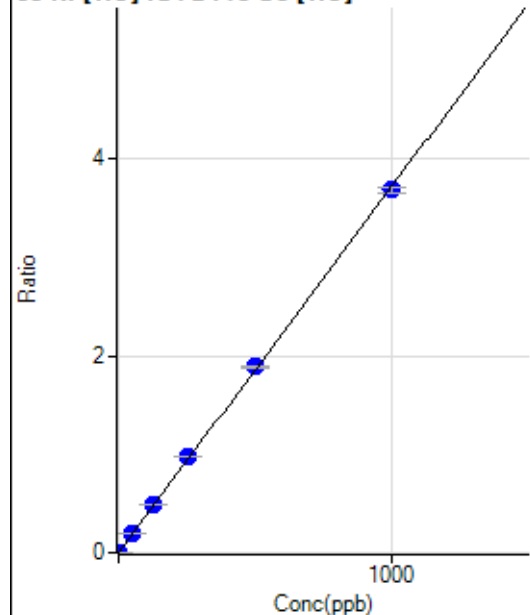
$$y = 0.0146 * x + 2.7451E-004$$

$$R = 0.9999$$

$$DL = 0.008999$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0005	P	4.0
2	☐	0.100	0.116	142.23	0.0009	P	9.4
3	☐	1.000	1.138	748.92	0.0047	P	4.0
4	☐	50.000	54.608	30908.36	0.2034	P	1.3
5	☐	125.000	133.017	68452.09	0.4949	P	0.4
6	☐	250.000	262.384	124810.69	0.9758	P	0.3
7	☐	500.000	507.874	239197.15	1.8883	P	0.4
8	☐	1000.000	991.734	444978.74	3.6869	P	1.4
9	☐			18314.97	0.1176	P	0.6

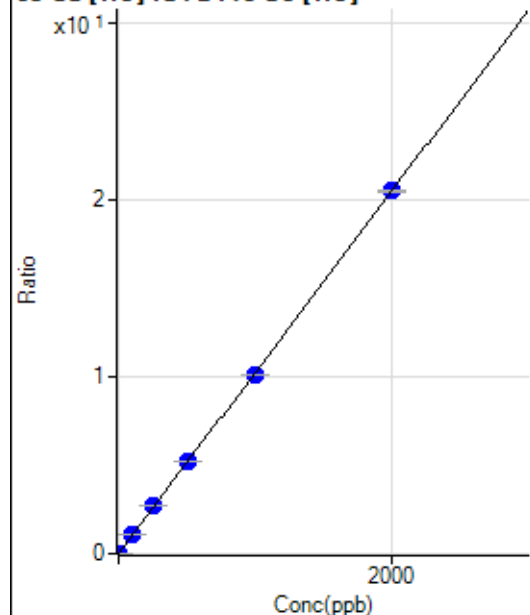
$$y = 0.0037 * x + 4.6423E-004$$

$$R = 0.9999$$

$$DL = 0.01488$$

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	475.57	0.0030	P	9.6
2	☐	0.200	0.216	830.04	0.0052	P	2.8
3	☐	2.000	2.127	3953.93	0.0248	P	3.7
4	☐	100.000	105.664	164799.12	1.0847	P	0.9
5	☐	250.000	260.467	369240.16	2.6695	P	0.2
6	☐	500.000	512.169	671029.71	5.2463	P	0.9
7	☐	1000.000	984.258	1276786.76	10.0793	P	0.3
8	☐	2000.000	2003.237	2475636.07	20.5111	P	0.8
9	☐			6204.74	0.0398	P	3.4

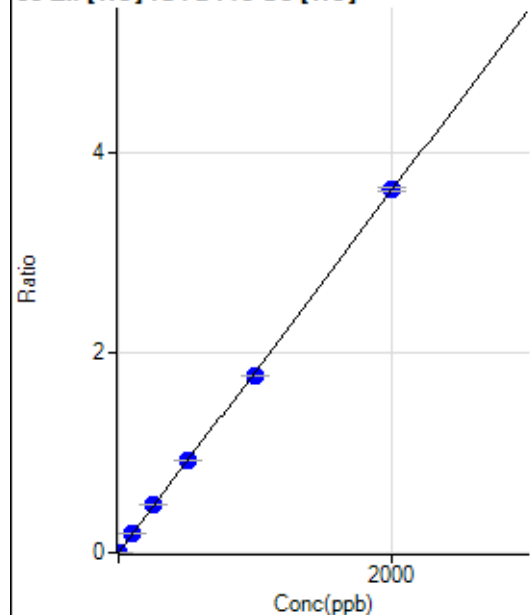
$$y = 0.0102 * x + 0.0030$$

$$R = 0.9999$$

$$DL = 0.08509$$

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	218.89	0.0014	P	6.8
2	☐	0.200	0.176	271.12	0.0017	P	1.6
3	☐	2.000	2.316	887.82	0.0056	P	3.5
4	☐	100.000	103.813	28676.07	0.1887	P	2.0
5	☐	250.000	261.728	65526.31	0.4738	P	1.1
6	☐	500.000	512.462	118473.47	0.9263	P	0.9
7	☐	1000.000	979.083	224013.99	1.7684	P	0.6
8	☐	2000.000	2005.686	437066.32	3.6212	P	1.2
9	☐			6544.89	0.0420	P	0.7

$$y = 0.0018 * x + 0.0014$$

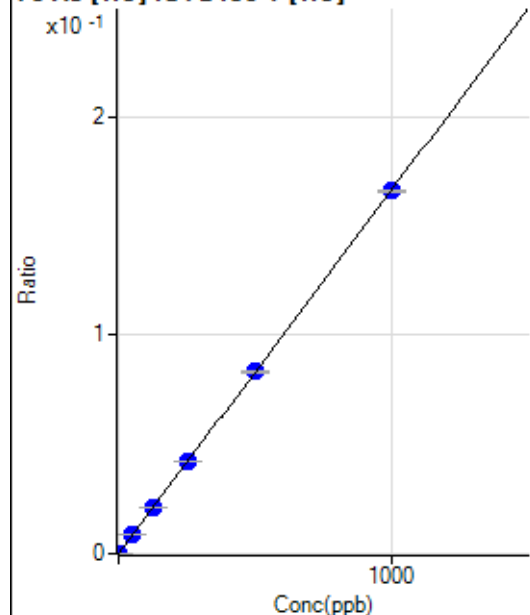
$$R = 0.9999$$

$$DL = 0.1566$$

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	3.08	0.0000	P	35.0
2	☐	0.100	0.077	13.58	0.0000	P	29.1
3	☐	1.000	1.077	150.00	0.0002	P	5.7
4	☐	50.000	51.882	6751.62	0.0086	P	0.6
5	☐	125.000	128.360	15426.16	0.0214	P	1.1
6	☐	250.000	254.056	28437.02	0.0423	P	0.2
7	☐	500.000	500.925	54785.93	0.0834	P	1.2
8	☐	1000.000	998.009	103463.19	0.1661	P	0.4
9	☐			181.49	0.0002	P	5.4

$$y = 1.6647\text{E-}004 * x + 3.8153\text{E-}006$$

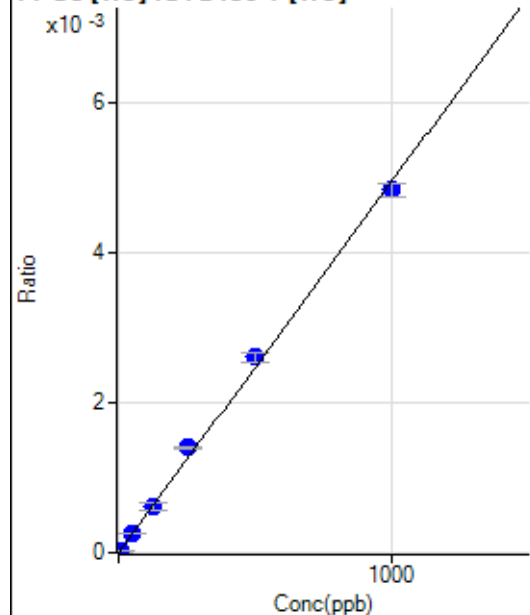
$$R = 1.0000$$

$$DL = 0.02405$$

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	0.553	2.22	0.0000	P	173.2
3	☐	5.000	5.482	22.22	0.0000	P	23.1
4	☐	50.000	52.569	203.34	0.0003	P	7.1
5	☐	125.000	125.070	446.68	0.0006	P	15.0
6	☐	250.000	282.807	941.16	0.0014	P	2.5
7	☐	500.000	526.598	1712.35	0.0026	P	4.3
8	☐	1000.000	978.360	3015.92	0.0048	P	3.8
9	☐			3.33	0.0000	P	1.2

$$y = 4.9501\text{E-}006 * x + 0.0000\text{E+}000$$

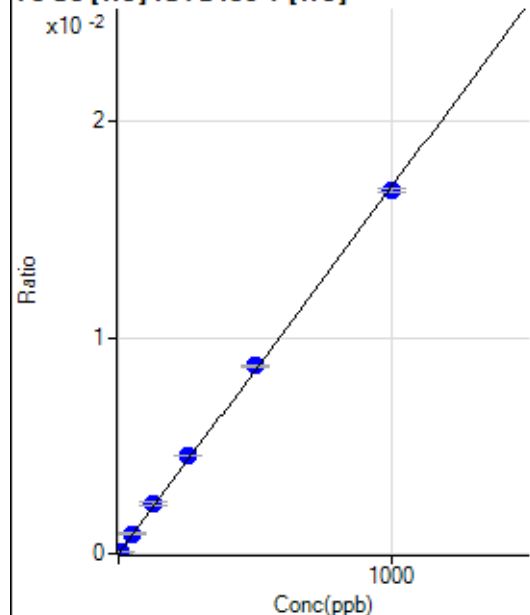
$$R = 0.9989$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	58.4
2	☐	0.500	0.850	17.28	0.0000	P	45.3
3	☐	5.000	6.039	89.51	0.0001	P	2.9
4	☐	50.000	53.560	714.84	0.0009	P	6.3
5	☐	125.000	135.539	1663.69	0.0023	P	6.5
6	☐	250.000	264.961	3024.41	0.0045	P	0.4
7	☐	500.000	511.397	5699.92	0.0087	P	0.3
8	☐	1000.000	989.060	10445.19	0.0168	P	1.2
9	☐			14.81	0.0000	P	49.2

$$y = 1.6951\text{E-}005 * x + 6.8781\text{E-}006$$

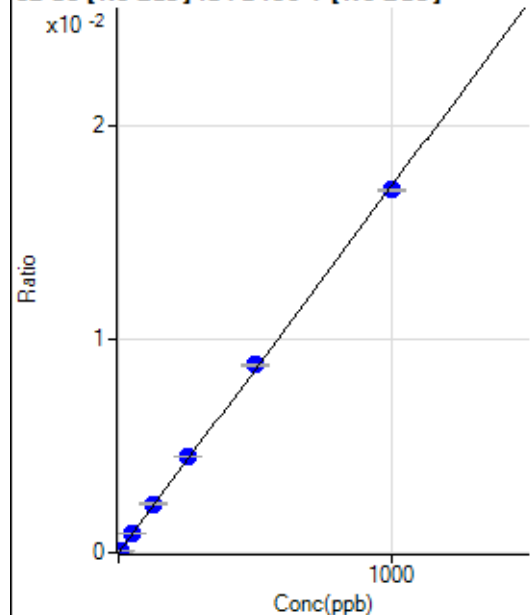
$$R = 0.9998$$

$$DL = 0.7107$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-20.95	0.0000	P	-134.
2	☒	0.500					
3	☐	5.000	5.568	663.41	0.0001	P	11.2
4	☐	50.000	53.311	6391.53	0.0009	P	3.3
5	☐	125.000	132.605	15012.91	0.0023	P	2.1
6	☐	250.000	262.299	27309.90	0.0045	P	0.7
7	☐	500.000	511.797	51833.19	0.0088	P	0.9
8	☐	1000.000	989.908	96241.82	0.0170	P	0.5
9	☐			34.89	0.0000	P	177.6

$$y = 1.7185\text{E-}005 * x - 2.8837\text{E-}006$$

$$R = 0.9998$$

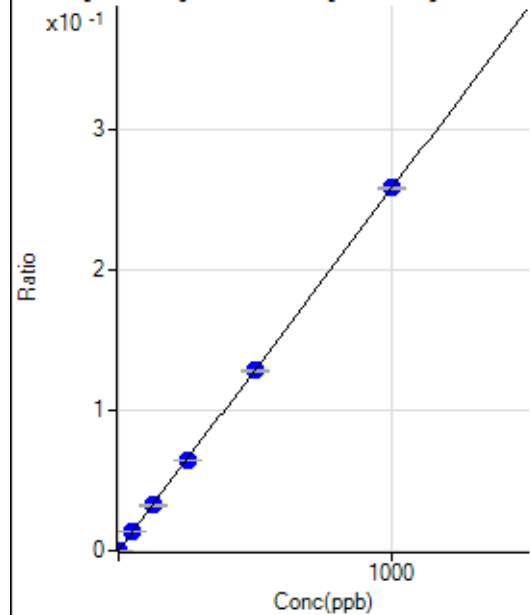
$$DL = 0.6773$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			563.35		P	2.6
2	☐			553.35		P	4.5
3	☐			611.14		P	1.4
4	☐			590.02		P	10.4
5	☐			518.91		P	0.7
6	☐			457.79		P	10.2
7	☐			436.68		P	12.8
8	☐			465.57		P	9.5
9	☐			528.91		P	15.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	991.74	0.0001	P	7.9
2	☐	0.100	0.071	1100.09	0.0002	P	3.5
3	☐	1.000	0.990	2800.39	0.0004	P	6.5
4	☐	50.000	50.504	92052.67	0.0132	P	0.7
5	☐	125.000	124.577	212659.59	0.0322	P	2.8
6	☐	250.000	247.978	388297.19	0.0640	P	0.6
7	☐	500.000	496.500	755178.31	0.1281	P	0.6
8	☐	1000.000	1002.283	1462401.04	0.2584	P	0.5
9	☐			7329.98	0.0012	P	4.7

$$y = 2.5772\text{E-}004 * x + 1.3621\text{E-}004$$

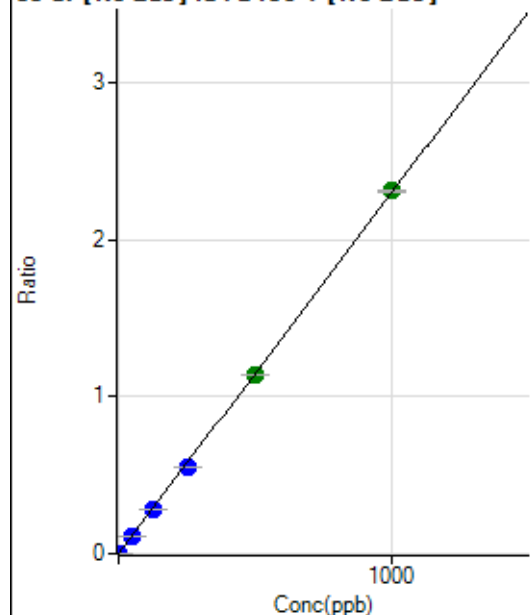
$$R = 1.0000$$

$$DL = 0.1254$$

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	169.46	0.0000	P	12.5
2	☐	0.100	0.095	1722.40	0.0002	P	6.8
3	☐	1.000	0.962	15967.78	0.0022	P	2.1
4	☐	50.000	49.311	792795.94	0.1133	P	0.9
5	☐	125.000	121.419	1839465.19	0.2789	P	2.6
6	☐	250.000	240.840	3353548.29	0.5531	P	0.6
7	☐	500.000	495.272	6706186.87	1.1375	A	0.4
8	☐	1000.000	1005.136	13062410.19	2.3084	A	0.5
9	☐			58020.88	0.0096	P	2.0

$$y = 0.0023 * x + 2.3279E-005$$

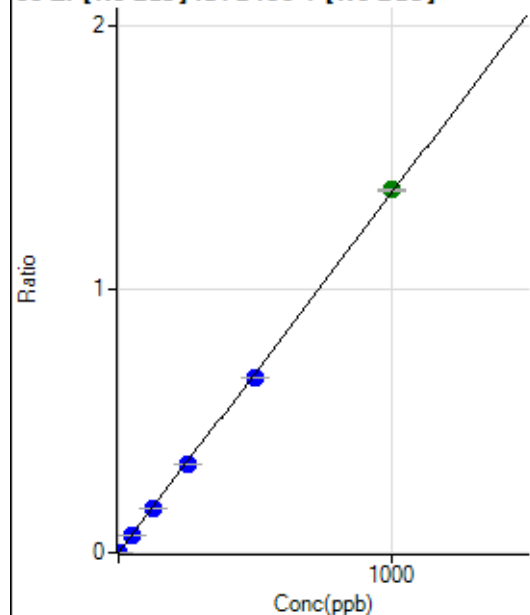
$$R = 0.9999$$

$$DL = 0.00381$$

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	550.03	0.0001	P	8.2
2	☐	0.100	0.080	1319.57	0.0002	P	4.0
3	☐	1.000	0.910	9414.54	0.0013	P	3.5
4	☐	50.000	50.111	479038.36	0.0684	P	0.8
5	☐	125.000	122.617	1104045.90	0.1674	P	1.9
6	☐	250.000	245.259	2029102.06	0.3347	P	0.4
7	☐	500.000	484.848	3900272.22	0.6616	P	0.3
8	☐	1000.000	1009.054	7790232.29	1.3767	A	0.3
9	☐			3667.29	0.0006	P	3.2

$$y = 0.0014 * x + 7.5563E-005$$

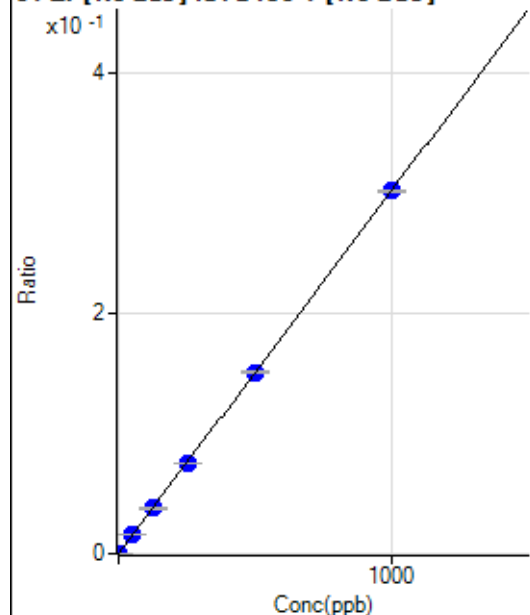
$$R = 0.9998$$

$$DL = 0.0136$$

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	136.12	0.0000	P	20.0
2	☐	0.100	0.061	263.90	0.0000	P	5.2
3	☐	1.000	0.858	1983.56	0.0003	P	5.8
4	☐	50.000	50.886	107501.01	0.0154	P	1.0
5	☐	125.000	124.997	248744.24	0.0377	P	1.2
6	☐	250.000	250.908	458704.89	0.0757	P	0.6
7	☐	500.000	499.834	888473.64	0.1507	P	0.6
8	☐	1000.000	999.812	1705694.87	0.3014	P	0.5
9	☐			877.84	0.0001	P	6.5

$$y = 3.0147\text{E-}004 * x + 1.8703\text{E-}005$$

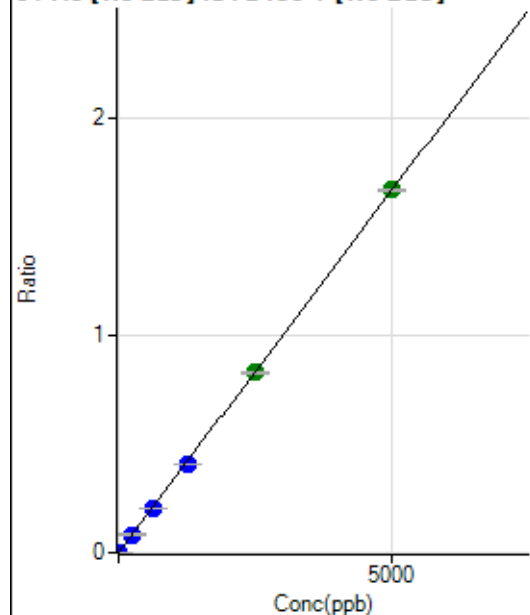
$$R = 1.0000$$

$$DL = 0.03718$$

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	261.12	0.0000	P	18.0
2	☐	0.500	0.467	1361.23	0.0002	P	5.3
3	☐	5.000	4.931	11980.41	0.0017	P	4.5
4	☐	250.000	251.603	585685.99	0.0837	P	0.7
5	☐	625.000	614.046	1346838.60	0.2042	P	2.1
6	☐	1250.000	1219.954	2458964.68	0.4056	P	1.2
7	☐	2500.000	2487.717	4875937.00	0.8271	A	0.5
8	☐	5000.000	5014.942	9433994.57	1.6672	A	0.4
9	☐			9481.34	0.0016	P	1.3

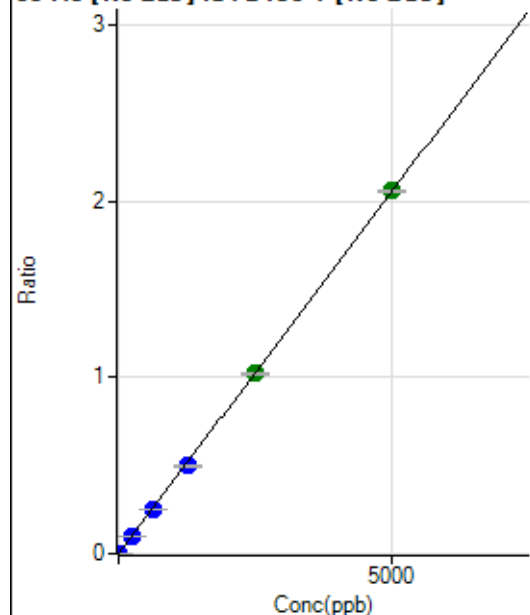
$$y = 3.3245\text{E-}004 * x + 3.5857\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05811$$

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	97.23	0.0000	P	42.5
2	☐	0.500	0.464	1450.14	0.0002	P	10.2
3	☐	5.000	5.036	14858.28	0.0021	P	3.7
4	☐	250.000	248.585	713322.37	0.1019	P	0.9
5	☐	625.000	612.894	1657594.47	0.2513	P	1.6
6	☐	1250.000	1210.112	3007628.71	0.4961	P	0.1
7	☐	2500.000	2489.321	6016163.55	1.0205	A	0.5
8	☐	5000.000	5016.895	11637293.84	2.0566	A	0.6
9	☐			14418.89	0.0024	P	4.2

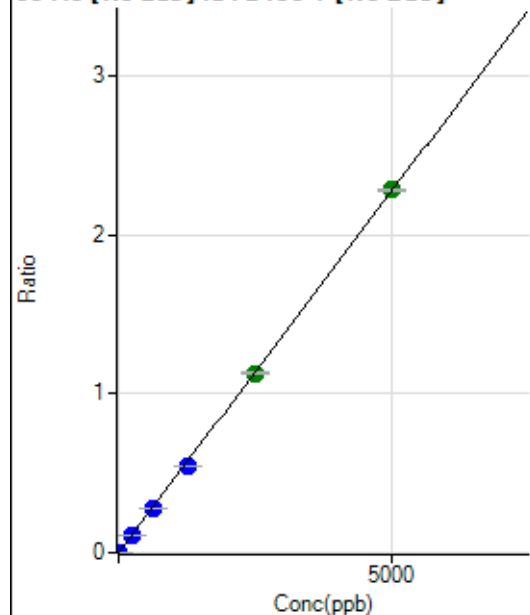
$$y = 4.0994\text{E-}004 * x + 1.3366\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04154$$

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	161.12	0.0000	P	15.6
2	☐	0.500	0.453	1622.39	0.0002	P	3.9
3	☐	5.000	5.050	16571.38	0.0023	P	3.7
4	☐	250.000	249.737	794409.19	0.1135	P	1.0
5	☐	625.000	610.594	1830430.16	0.2775	P	1.9
6	☐	1250.000	1207.697	3327277.76	0.5488	P	0.2
7	☐	2500.000	2487.174	6663067.29	1.1302	A	0.4
8	☐	5000.000	5018.803	12904706.36	2.2806	A	0.3
9	☐			15531.21	0.0026	P	1.0

$$y = 4.5440\text{E-}004 * x + 2.2126\text{E-}005$$

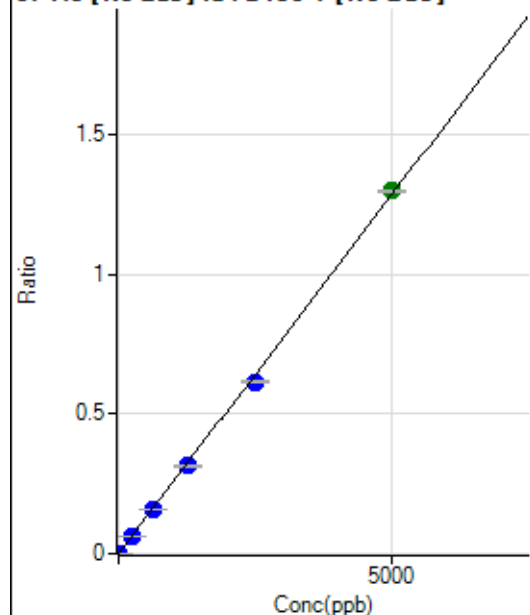
$$R = 1.0000$$

$$DL = 0.02282$$

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	83.34	0.0000	P	26.4
2	☐	0.500	0.474	947.30	0.0001	P	3.5
3	☐	5.000	5.131	9492.40	0.0013	P	2.1
4	☐	250.000	251.543	451579.00	0.0645	P	0.5
5	☐	625.000	617.652	1044829.22	0.1584	P	2.8
6	☐	1250.000	1221.097	1898656.86	0.3132	P	0.2
7	☐	2500.000	2399.130	3627269.61	0.6153	P	0.7
8	☐	5000.000	5058.502	7340603.72	1.2973	A	0.2
9	☐			8942.04	0.0015	P	3.1

$$y = 2.5645\text{E-}004 * x + 1.1446\text{E-}005$$

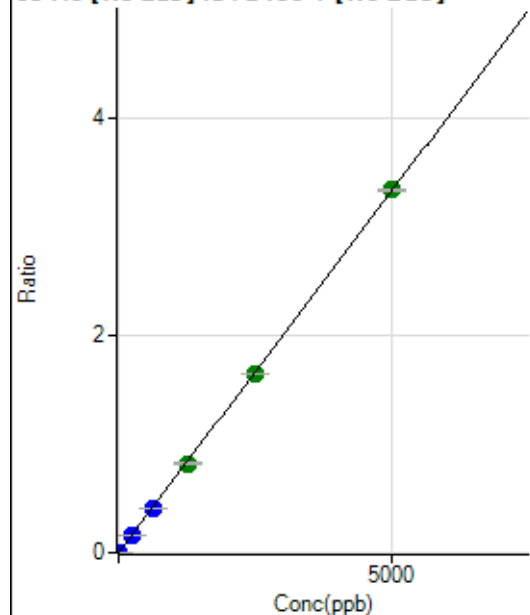
$$R = 0.9997$$

$$DL = 0.03541$$

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	202.79	0.0000	P	5.9
2	☐	0.500	0.469	2422.55	0.0003	P	5.4
3	☐	5.000	5.043	24215.72	0.0034	P	1.5
4	☐	250.000	251.054	1170237.29	0.1672	P	0.8
5	☐	625.000	612.299	2689685.56	0.4077	P	2.2
6	☐	1250.000	1233.210	4978930.93	0.8212	A	0.8
7	☐	2500.000	2475.317	9717460.63	1.6483	A	0.4
8	☐	5000.000	5018.074	18907845.56	3.3415	A	0.4
9	☐			22507.37	0.0037	P	3.9

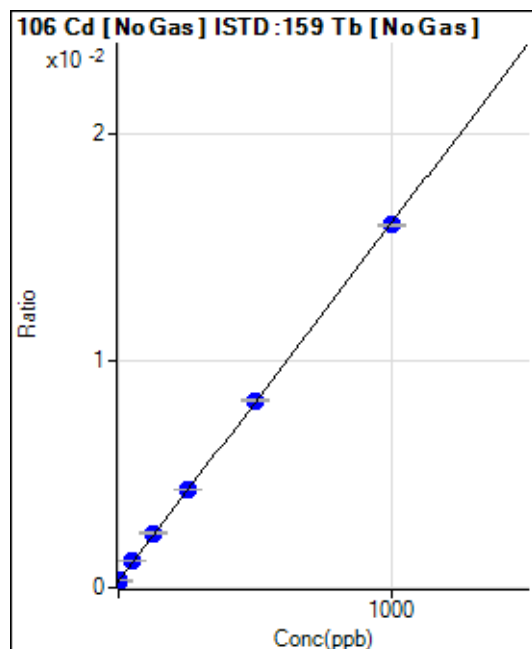
$$y = 6.6588\text{E-}004 * x + 2.7851\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.007422$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3531.16	0.0003	P	4.2
2	☐	0.100	1.627	3731.21	0.0003	P	9.6
3	☐	1.000	1.625	3736.78	0.0003	P	3.5
4	☐	50.000	55.880	14135.34	0.0012	P	2.9
5	☐	125.000	134.350	28326.37	0.0024	P	2.9
6	☐	250.000	257.499	48087.94	0.0043	P	0.4
7	☐	500.000	504.225	90278.66	0.0082	P	0.8
8	☐	1000.000	994.549	170129.40	0.0160	P	0.2
9	☐			3236.63	0.0003	P	5.5

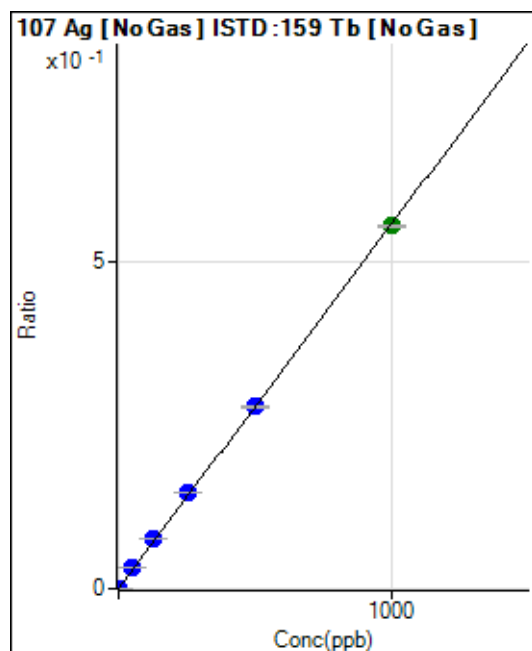
$$y = 1.5765\text{E-}005 * x + 2.8060\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.249$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	5.2
2	☐	0.100	0.123	980.63	0.0001	P	1.4
3	☐	1.000	1.252	8636.33	0.0007	P	0.4
4	☐	50.000	57.480	388965.83	0.0320	P	1.7
5	☐	125.000	136.473	895963.36	0.0759	P	2.3
6	☐	250.000	262.226	1615052.97	0.1458	P	0.5
7	☐	500.000	499.473	3045609.66	0.2776	P	0.5
8	☐	1000.000	995.398	5897912.46	0.5533	A	0.7
9	☐			1583.49	0.0001	P	5.3

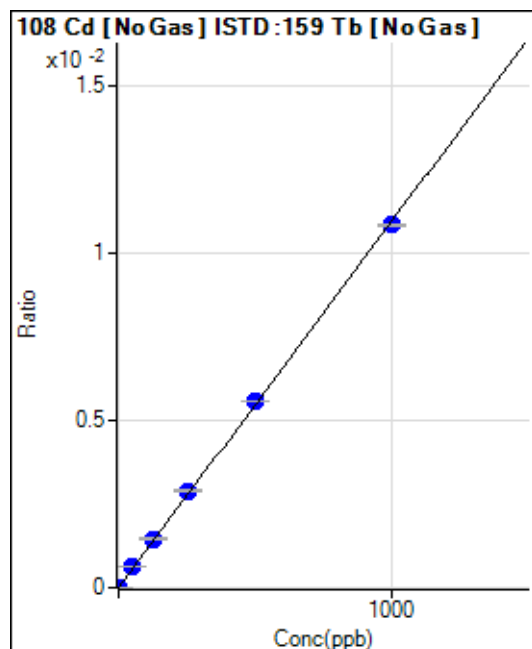
$$y = 5.5583\text{E-}004 * x + 1.1918\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.003373$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	64.9
2	☐	0.100	0.107	23.61	0.0000	P	10.5
3	☐	1.000	1.024	145.84	0.0000	P	10.3
4	☐	50.000	56.046	7457.67	0.0006	P	1.2
5	☐	125.000	133.545	17230.17	0.0015	P	2.6
6	☐	250.000	264.304	31986.34	0.0029	P	0.7
7	☐	500.000	507.932	60852.35	0.0055	P	0.4
8	☐	1000.000	991.088	115371.51	0.0108	P	0.7
9	☐			48.61	0.0000	P	37.5

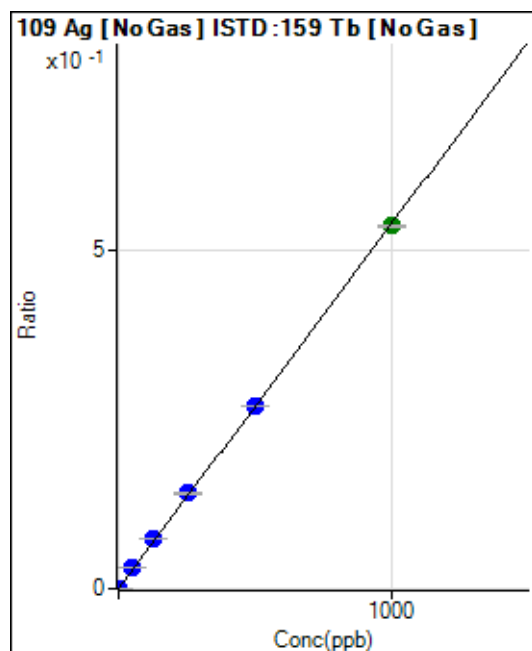
$$y = 1.0919\text{E-}005 * x + 7.7057\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.1375$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	5.6
2	☐	0.100	0.128	911.18	0.0001	P	10.5
3	☐	1.000	1.231	8149.92	0.0007	P	3.7
4	☐	50.000	57.536	376592.12	0.0309	P	1.5
5	☐	125.000	136.636	867761.73	0.0735	P	2.1
6	☐	250.000	261.831	1560010.94	0.1408	P	1.0
7	☐	500.000	501.464	2958063.78	0.2697	P	0.2
8	☐	1000.000	994.479	5700367.27	0.5348	A	0.8
9	☐			1586.27	0.0001	P	5.4

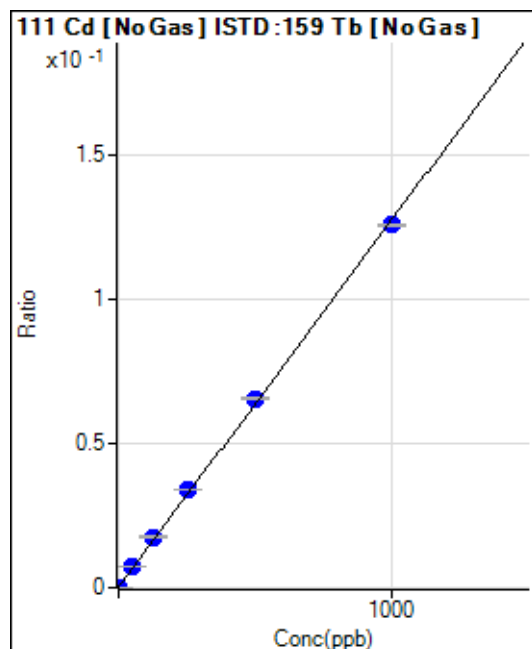
$$y = 5.3771\text{E-}004 * x + 6.1789\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.001944$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1778.91	0.0001	P	3.6
2	☒	0.100					
3	☐	1.000	1.164	3529.66	0.0003	P	2.4
4	☐	50.000	56.352	88855.78	0.0073	P	1.6
5	☐	125.000	136.348	206244.73	0.0175	P	2.3
6	☐	250.000	265.511	375321.75	0.0339	P	0.7
7	☐	500.000	514.350	718432.40	0.0655	P	0.5
8	☐	1000.000	987.211	1338542.29	0.1256	P	0.5
9	☐			2026.67	0.0002	P	5.3

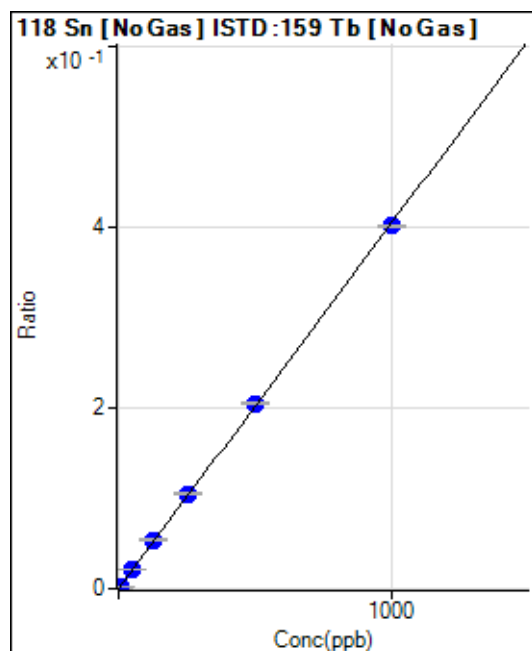
$$y = 1.2705\text{E-}004 * x + 1.4136\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1216$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.58	0.0000	P	4.1
2	☐	0.500	0.583	3339.44	0.0003	P	3.8
3	☐	5.000	5.704	28621.74	0.0023	P	2.5
4	☐	50.000	54.394	268234.28	0.0220	P	1.2
5	☐	125.000	132.588	633793.20	0.0537	P	2.3
6	☐	250.000	259.933	1165349.71	0.1052	P	0.9
7	☐	500.000	507.428	2252013.68	0.2053	P	0.7
8	☐	1000.000	992.631	4280385.25	0.4015	P	0.4
9	☐			3069.90	0.0003	P	7.7

$$y = 4.0449\text{E-}004 * x + 3.8190\text{E-}005$$

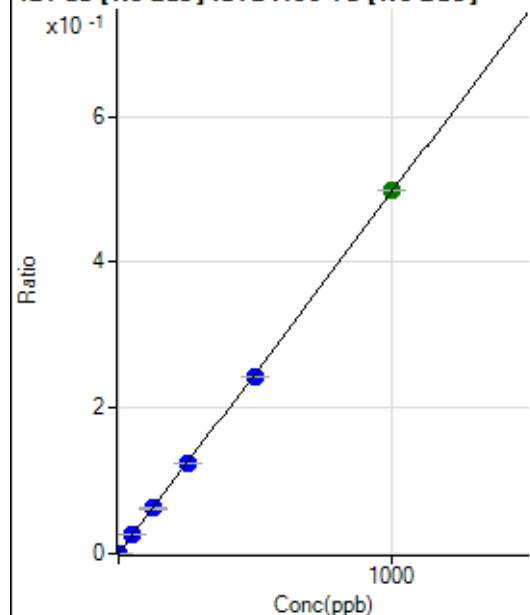
$$R = 0.9999$$

$$DL = 0.01153$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.3
2	☐	0.200	0.205	1289.00	0.0001	P	10.0
3	☐	2.000	2.045	12411.54	0.0010	P	3.5
4	☐	50.000	52.318	315566.42	0.0259	P	1.1
5	☐	125.000	126.521	740437.75	0.0627	P	2.3
6	☐	250.000	251.689	1381899.53	0.1247	P	0.9
7	☐	500.000	489.334	2660034.63	0.2425	P	0.4
8	☐	1000.000	1004.605	5306642.57	0.4978	A	0.1
9	☐			8917.07	0.0008	P	4.2

$$y = 4.9553\text{E-}004 * x + 3.9718\text{E-}006$$

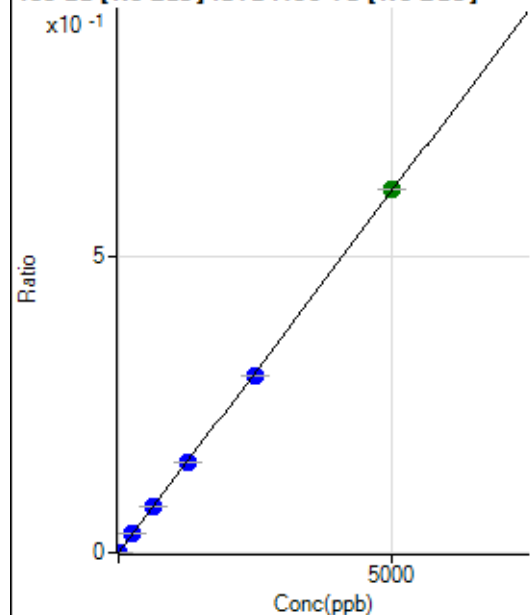
$$R = 0.9999$$

$$DL = 0.003922$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	15.1
2	☐	1.000	0.993	1583.50	0.0001	P	13.0
3	☐	10.000	10.529	15784.50	0.0013	P	3.3
4	☐	250.000	261.877	389017.22	0.0320	P	0.8
5	☐	625.000	635.284	915543.84	0.0775	P	2.3
6	☐	1250.000	1258.182	1701081.44	0.1535	P	0.8
7	☐	2500.000	2447.031	3275580.65	0.2986	P	0.0
8	☐	5000.000	5022.559	6533036.69	0.6129	A	0.2
9	☐			1880.75	0.0002	P	8.0

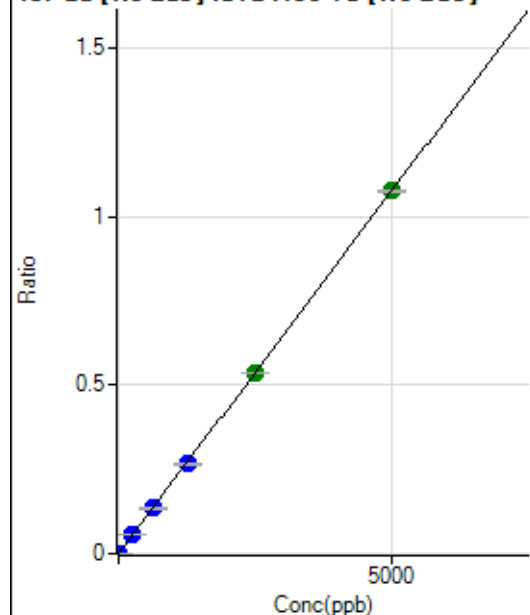
$$y = 1.2202\text{E-}004 * x + 8.8239\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0327$$

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	91.67	0.0000	P	35.8
2	☐	1.000	1.025	2778.18	0.0002	P	4.8
3	☐	10.000	10.713	28254.57	0.0023	P	1.4
4	☐	250.000	259.162	679627.70	0.0558	P	0.3
5	☐	625.000	626.919	1595108.22	0.1351	P	2.3
6	☐	1250.000	1239.115	2957869.86	0.2670	P	1.0
7	☐	2500.000	2497.432	5902465.37	0.5380	A	0.6
8	☐	5000.000	5003.306	11490287.41	1.0779	A	0.5
9	☐			3281.08	0.0003	P	10.0

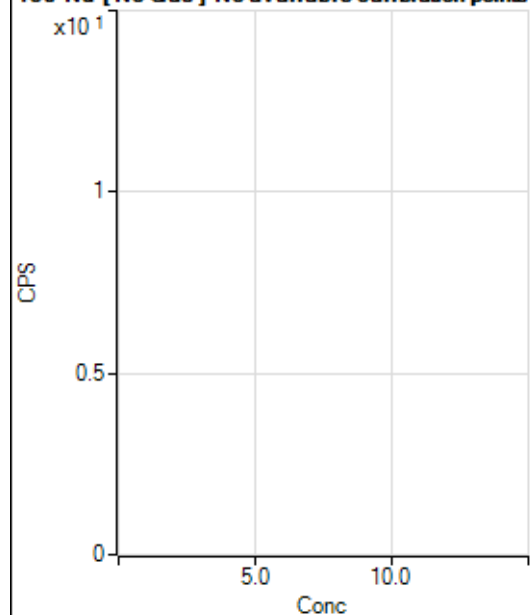
$$y = 2.1544\text{E-}004 * x + 7.2735\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03626$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			8.89		P	114.5
3	☐			11.11		P	34.6
4	☐			46.67		P	24.7
5	☐			75.56		P	35.7
6	☐			186.67		P	12.4
7	☐			324.46		P	6.3
8	☐			577.81		P	6.4
9	☐			93.34		P	53.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	53.3
2	☐			11.11		P	34.6
3	☐			7.78		P	65.5
4	☐			10.00		P	0.0
5	☐			17.78		P	43.3
6	☐			13.33		P	66.1
7	☐			34.44		P	5.6
8	☐			36.67		P	39.6
9	☐			41.11		P	49.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐			30.55		P	68.6
3	☐			5.55		P	86.6
4	☐			44.45		P	65.8
5	☐			33.33		P	25.0
6	☐			75.00		P	33.3
7	☐			75.01		P	19.2
8	☐			111.12		P	42.6
9	☐			30.55		P	15.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	22.9
2	☐			23.33		P	14.3
3	☐			16.67		P	34.6
4	☐			12.22		P	41.7
5	☐			28.89		P	17.6
6	☐			43.33		P	46.2
7	☐			56.67		P	32.8
8	☐			84.45		P	18.7
9	☐			24.45		P	28.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	29.0
2	☐			63.89		P	37.7
3	☐			52.78		P	32.9
4	☐			58.34		P	0.0
5	☐			94.45		P	27.0
6	☐			80.56		P	11.9
7	☐			88.89		P	14.3
8	☐			72.23		P	26.7
9	☐			94.45		P	28.4

160 Gd [He] No available calibration points

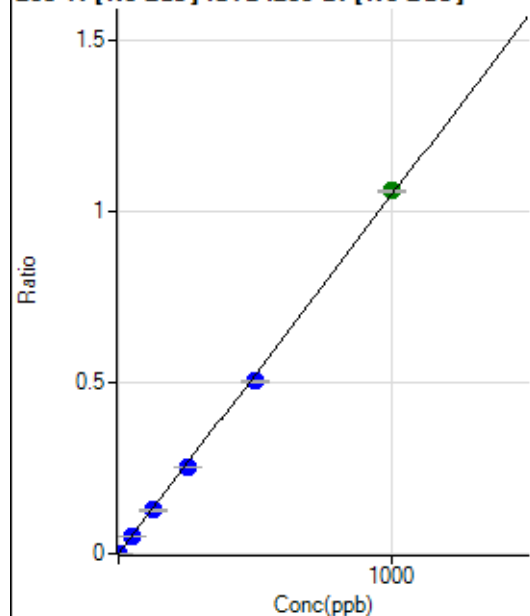
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153.34		P	11.5
2	☐			108.89		P	4.7
3	☐			131.12		P	10.3
4	☐			96.67		P	15.0
5	☐			110.00		P	3.0
6	☐			88.89		P	22.9
7	☐			101.11		P	13.7
8	☐			110.00		P	12.1
9	☐			124.45		P	8.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	57.3
2	☐			63.89		P	39.8
3	☐			75.00		P	33.3
4	☐			86.11		P	14.8
5	☐			63.89		P	19.9
6	☐			55.56		P	17.3
7	☐			66.67		P	21.7
8	☐			66.67		P	21.6
9	☐			61.12		P	34.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	25.5
2	☐			64.44		P	7.9
3	☐			47.78		P	17.6
4	☐			50.00		P	6.7
5	☐			44.45		P	37.7
6	☐			47.78		P	8.1
7	☐			67.78		P	15.8
8	☐			66.67		P	27.8
9	☐			46.67		P	12.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	786.17	0.0001	P	8.2
2	☐	0.100	0.075	1427.91	0.0002	P	5.5
3	☐	1.000	0.940	9228.59	0.0011	P	4.6
4	☐	50.000	48.787	436470.61	0.0511	P	0.9
5	☐	125.000	120.869	1048585.24	0.1265	P	2.0
6	☐	250.000	242.038	1968884.33	0.2532	P	0.4
7	☐	500.000	480.917	3785651.08	0.5031	P	0.9
8	☐	1000.000	1012.109	7613262.76	1.0586	A	0.5
9	☐			3497.82	0.0005	P	1.1

$$y = 0.0010 * x + 8.7899E-005$$

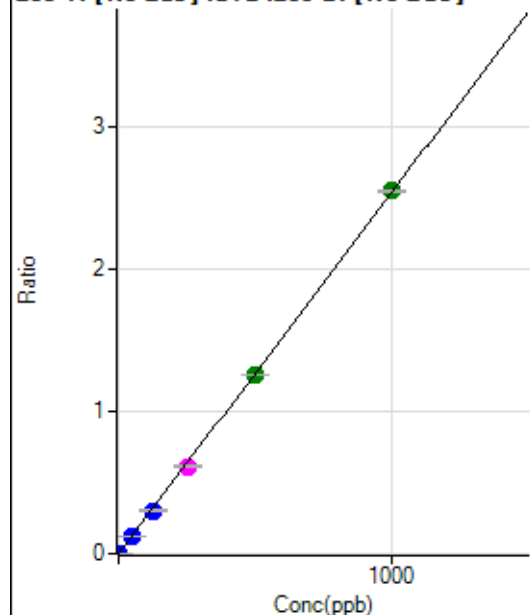
$$R = 0.9997$$

$$DL = 0.0206$$

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	1002.86	0.0001	P	6.4
2	☐	0.100	0.091	2956.01	0.0003	P	3.0
3	☐	1.000	0.943	21582.07	0.0025	P	1.2
4	☐	50.000	48.298	1047292.44	0.1226	P	1.0
5	☐	125.000	119.261	2508815.57	0.3027	P	2.3
6	☐	250.000	241.261	4759965.56	0.6122	M	2.5
7	☐	500.000	495.800	9466071.48	1.2580	A	0.9
8	☐	1000.000	1005.087	18339068.29	2.5501	A	0.2
9	☐			7986.05	0.0012	P	5.8

$$y = 0.0025 * x + 1.1212E-004$$

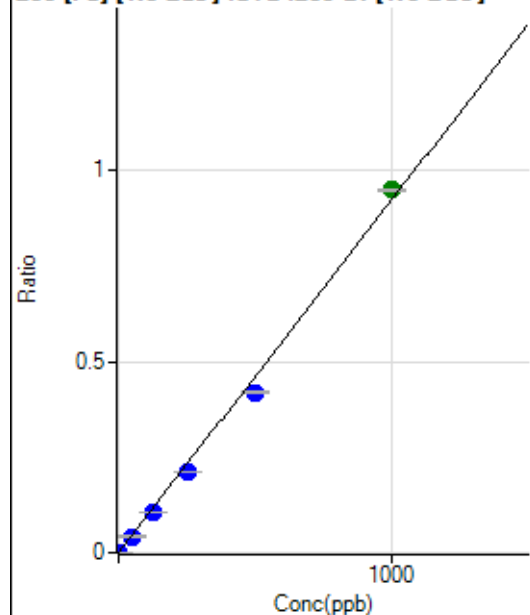
$$R = 0.9999$$

$$DL = 0.008543$$

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	825.98	0.0001	P	7.7
2	☐	0.100	0.073	1370.48	0.0002	P	6.3
3	☐	1.000	0.889	7869.22	0.0009	P	1.0
4	☐	50.000	46.079	364051.76	0.0426	P	1.3
5	☐	125.000	114.526	877215.36	0.1058	P	1.9
6	☐	250.000	228.764	1642854.32	0.2113	P	0.1
7	☐	500.000	455.405	3164529.09	0.4205	P	0.4
8	☐	1000.000	1029.112	6833473.19	0.9502	A	0.4
9	☐			8567.82	0.0013	P	0.7

$$y = 9.2325E-004 * x + 9.2362E-005$$

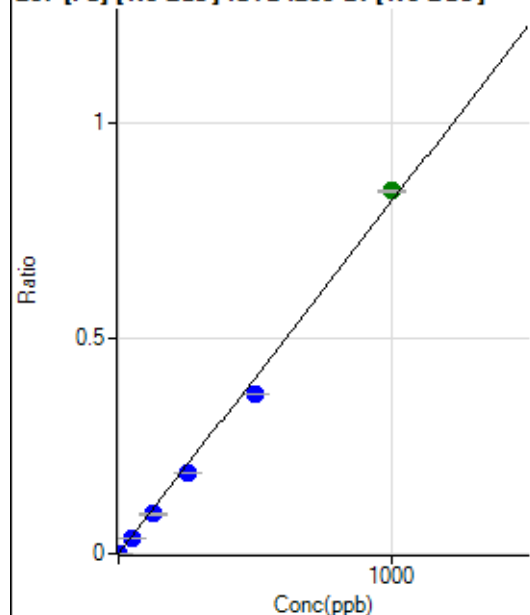
$$R = 0.9984$$

$$DL = 0.02298$$

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	803.75	0.0001	P	13.0
2	☐	0.100	0.081	1346.40	0.0002	P	5.0
3	☐	1.000	0.870	6911.26	0.0008	P	1.6
4	☐	50.000	45.778	320599.85	0.0375	P	0.7
5	☐	125.000	113.143	767983.35	0.0927	P	2.6
6	☐	250.000	227.509	1447953.68	0.1862	P	0.5
7	☐	500.000	454.088	2796265.11	0.3716	P	0.7
8	☐	1000.000	1030.272	6062633.06	0.8430	A	0.5
9	☐			7830.28	0.0012	P	0.5

$$y = 8.1818\text{E-}004 * x + 8.9898\text{E-}005$$

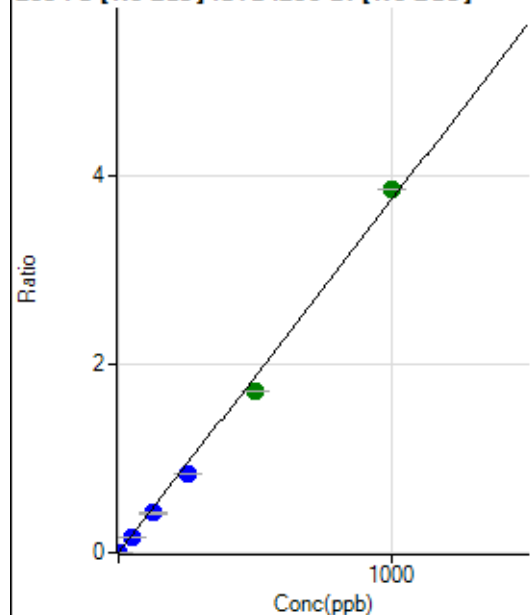
$$R = 0.9983$$

$$DL = 0.04276$$

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	2792.78	0.0003	P	7.0
2	☐	0.100	0.081	5296.84	0.0006	P	4.9
3	☐	1.000	0.878	31033.43	0.0036	P	0.9
4	☐	50.000	45.504	1458341.73	0.1708	P	0.8
5	☐	125.000	112.300	3489704.21	0.4210	P	2.2
6	☐	250.000	224.960	6554994.30	0.8431	P	0.1
7	☐	500.000	459.269	12949193.60	1.7209	A	0.5
8	☐	1000.000	1028.438	27709874.75	3.8532	A	0.2
9	☐			34306.85	0.0052	P	0.7

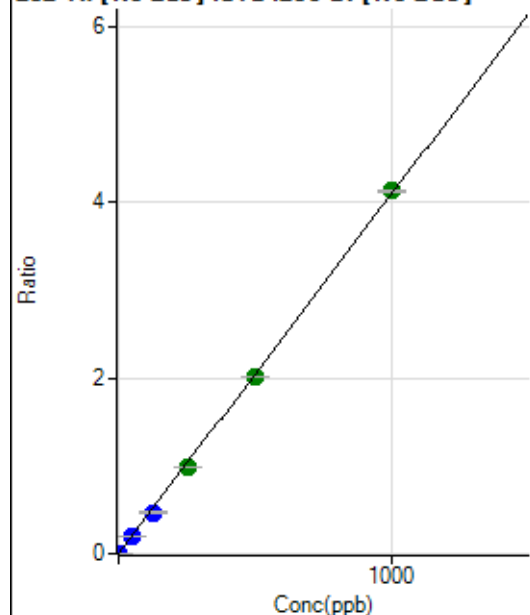
$$y = 0.0037 * x + 3.1230\text{E-}004$$

$$R = 0.9985$$

$$DL = 0.01756$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2270.64	0.0003	P	3.6
2	☐	0.100	0.072	4726.91	0.0005	P	3.1
3	☐	1.000	0.818	31022.61	0.0036	P	1.6
4	☐	50.000	45.762	1599821.48	0.1874	P	0.6
5	☐	125.000	113.561	3850419.61	0.4646	P	2.4
6	☐	250.000	239.662	7620234.14	0.9801	A	0.4
7	☐	500.000	491.028	15108874.88	2.0078	A	0.1
8	☐	1000.000	1008.712	29660487.47	4.1244	A	0.2
9	☐			11197.71	0.0017	P	5.4

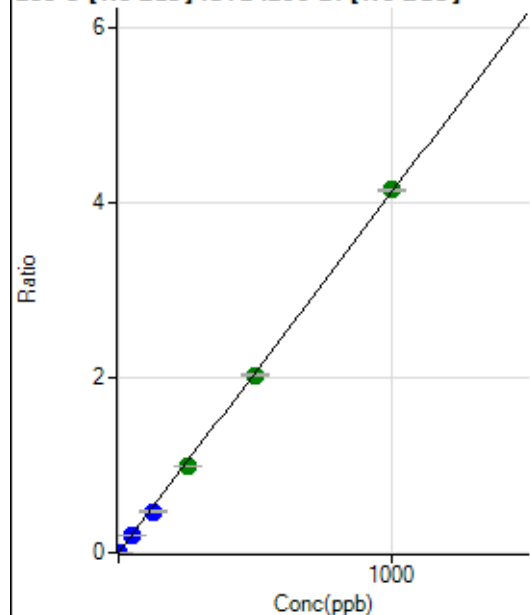
$$y = 0.0041 * x + 2.5385E-004$$

$$R = 0.9998$$

$$DL = 0.006747$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2833.79	0.0003	P	3.8
2	☐	0.100	0.082	5623.69	0.0007	P	3.9
3	☐	1.000	0.902	34747.55	0.0040	P	1.1
4	☐	50.000	46.445	1635743.91	0.1916	P	1.0
5	☐	125.000	114.042	3894324.18	0.4699	P	3.0
6	☐	250.000	240.693	7708002.43	0.9914	A	0.5
7	☐	500.000	493.168	15282628.29	2.0310	A	0.6
8	☐	1000.000	1007.290	29829661.78	4.1480	A	0.7
9	☐			8989.63	0.0014	P	4.0

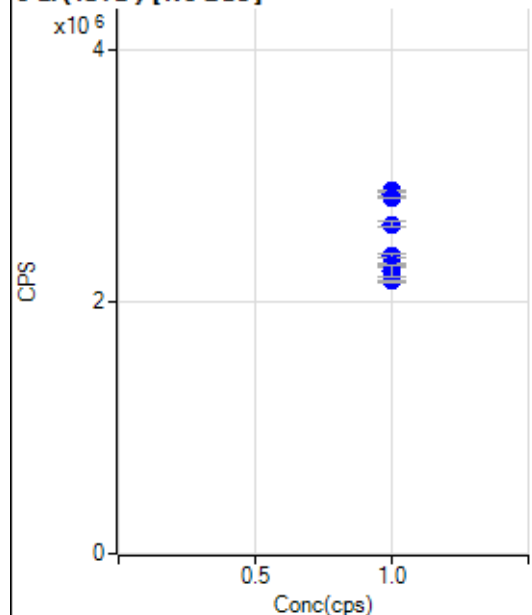
$$y = 0.0041 * x + 3.1680E-004$$

$$R = 0.9999$$

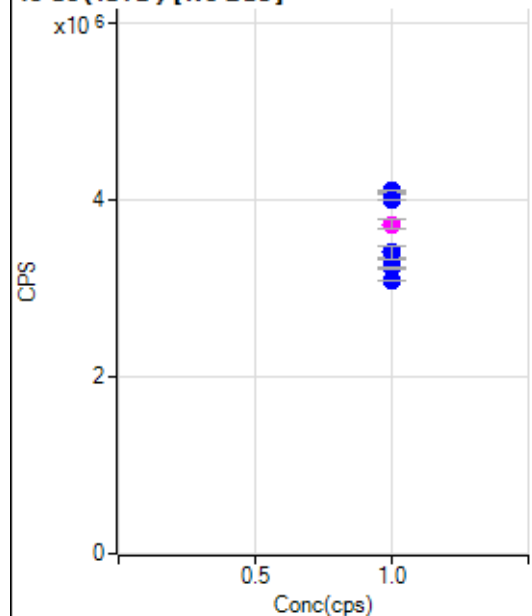
$$DL = 0.008742$$

Weight: <None>

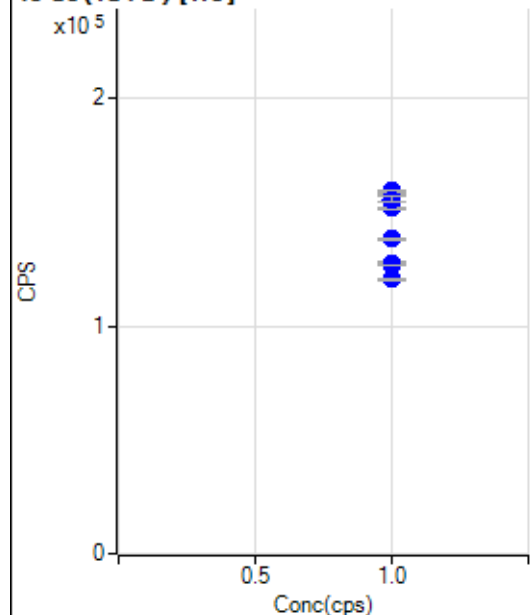
Min Conc: 0

6 Li (ISTD) [No Gas]

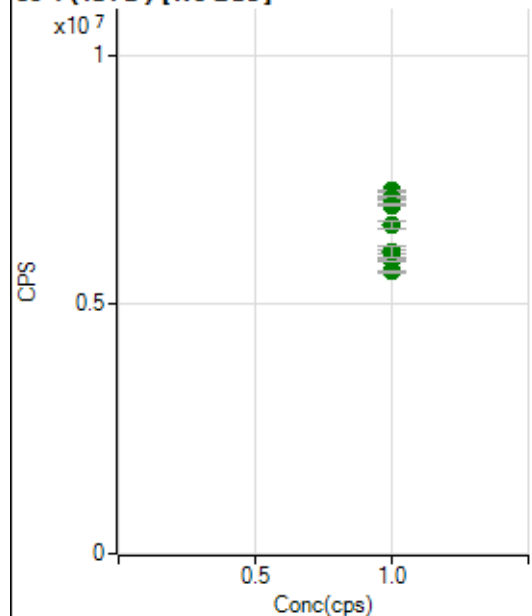
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2872365.51		P	0.1
2	☐	1.000		2859451.38		P	0.8
3	☐	1.000		2883266.42		P	0.4
4	☐	1.000		2825185.90		P	0.2
5	☐	1.000		2614918.12		P	1.8
6	☐	1.000		2371347.51		P	1.3
7	☐	1.000		2293989.90		P	0.8
8	☐	1.000		2165775.75		P	0.5
9	☐	1.000		2250226.60		P	4.2

45 Sc (ISTD) [No Gas]

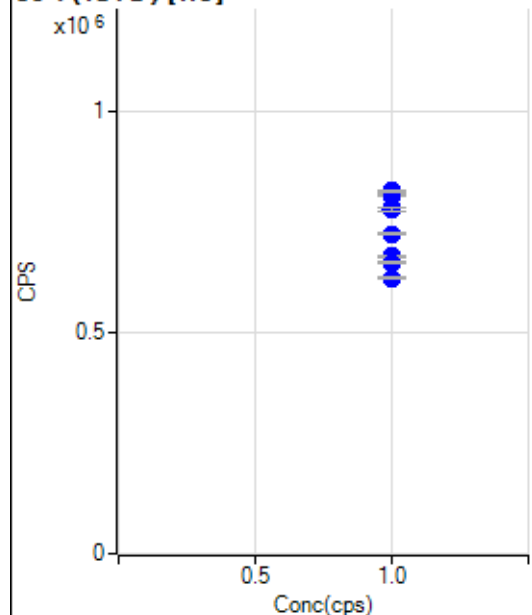
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4065702.78		P	0.4
2	☐	1.000		4079994.01		P	0.4
3	☐	1.000		4102768.32		P	0.7
4	☐	1.000		4001863.28		P	0.3
5	☐	1.000		3728997.26		M	2.5
6	☐	1.000		3348275.42		P	0.7
7	☐	1.000		3237332.56		P	0.6
8	☐	1.000		3085695.12		P	0.2
9	☐	1.000		3403773.67		P	4.6

45 Sc (ISTD) [He]

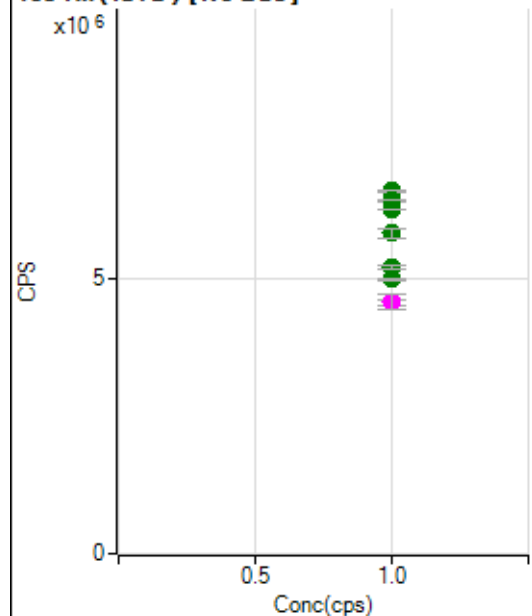
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		157945.37		P	0.6
2	☐	1.000		159089.89		P	0.4
3	☐	1.000		159522.01		P	0.3
4	☐	1.000		151922.79		P	0.3
5	☐	1.000		138316.06		P	0.6
6	☐	1.000		127909.53		P	0.8
7	☐	1.000		126673.35		P	0.2
8	☐	1.000		120700.92		P	0.8
9	☐	1.000		155748.03		P	1.4

89 Y (ISTD) [No Gas]

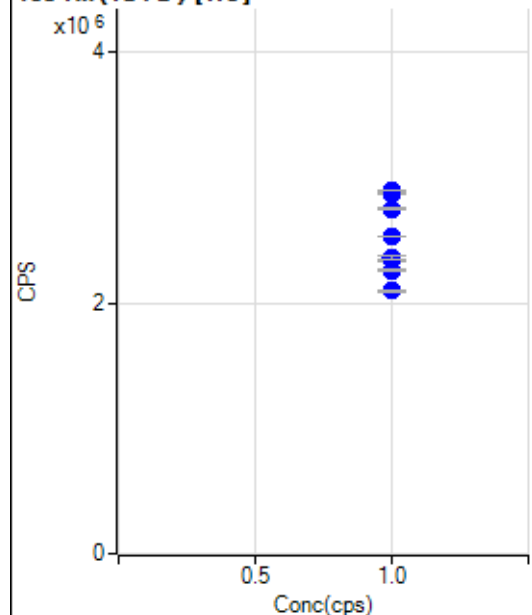
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7280343.43		A	0.4
2	☐	1.000		7120423.92		A	0.4
3	☐	1.000		7152299.96		A	0.6
4	☐	1.000		6999168.78		A	0.4
5	☐	1.000		6598860.66		A	2.6
6	☐	1.000		6062792.83		A	0.9
7	☐	1.000		5895558.94		A	0.7
8	☐	1.000		5658536.72		A	0.5
9	☐	1.000		6050343.38		A	4.2

89 Y(ISTD) [He]

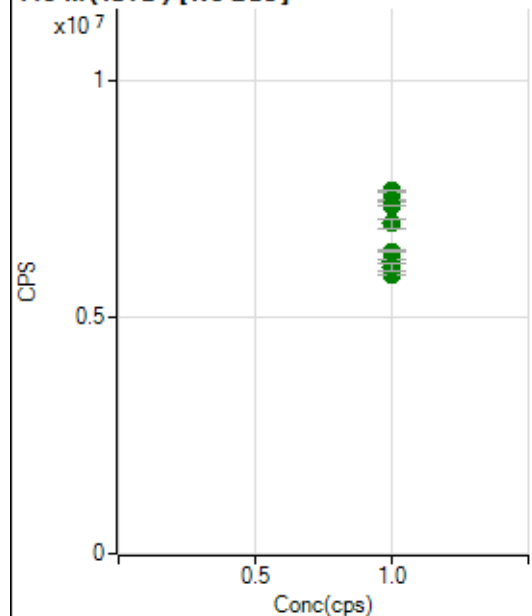
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		809033.85		P	0.6
2	☐	1.000		814015.10		P	0.8
3	☐	1.000		819294.38		P	0.4
4	☐	1.000		781394.34		P	0.1
5	☐	1.000		721792.86		P	0.5
6	☐	1.000		672344.16		P	0.5
7	☐	1.000		656990.36		P	0.8
8	☐	1.000		622756.04		P	0.2
9	☐	1.000		775557.24		P	1.2

103 Rh(ISTD) [No Gas]

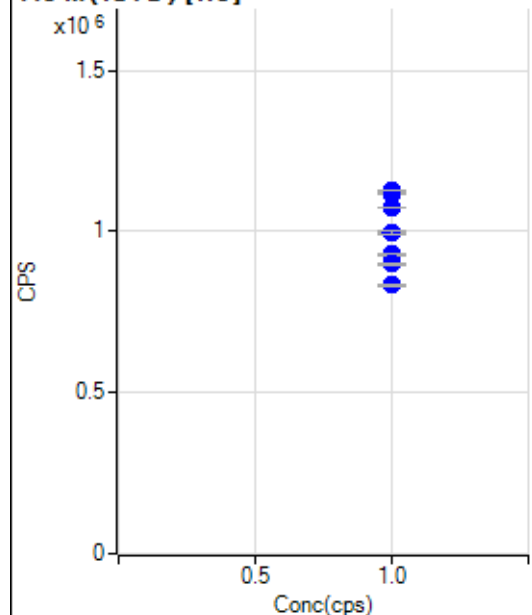
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6581657.83		A	0.2
2	☐	1.000		6393681.70		A	0.4
3	☐	1.000		6421083.87		A	0.2
4	☐	1.000		6252071.58		A	0.2
5	☐	1.000		5814085.46		A	2.8
6	☐	1.000		5209776.25		A	1.1
7	☐	1.000		4972112.57		A	0.6
8	☐	1.000		4561010.13		M	2.5
9	☐	1.000		4578732.48		M	6.2

103 Rh (ISTD) [He]

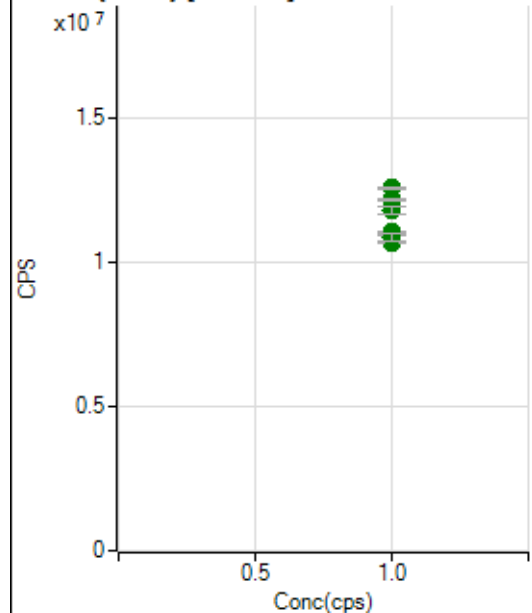
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2885316.97		P	0.7
2	☐	1.000		2876598.81		P	0.6
3	☐	1.000		2896249.71		P	0.2
4	☐	1.000		2752193.40		P	0.7
5	☐	1.000		2532716.23		P	0.2
6	☐	1.000		2344612.43		P	0.4
7	☐	1.000		2257568.30		P	0.6
8	☐	1.000		2099728.94		P	0.6
9	☐	1.000		2364012.83		P	1.1

115 In (ISTD) [No Gas]

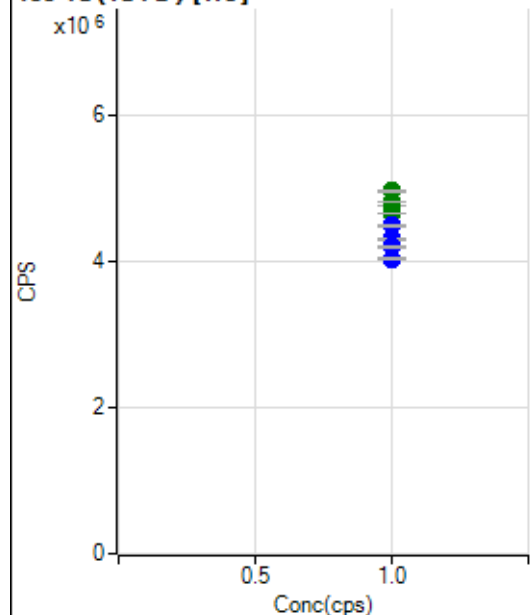
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7666029.73		A	0.4
2	☐	1.000		7452177.95		A	0.2
3	☐	1.000		7486643.90		A	0.3
4	☐	1.000		7354488.81		A	0.2
5	☐	1.000		6969292.46		A	2.8
6	☐	1.000		6394272.39		A	0.6
7	☐	1.000		6185198.11		A	1.0
8	☐	1.000		5880912.44		A	0.2
9	☐	1.000		6060339.28		A	3.0

115 In (ISTD) [He]

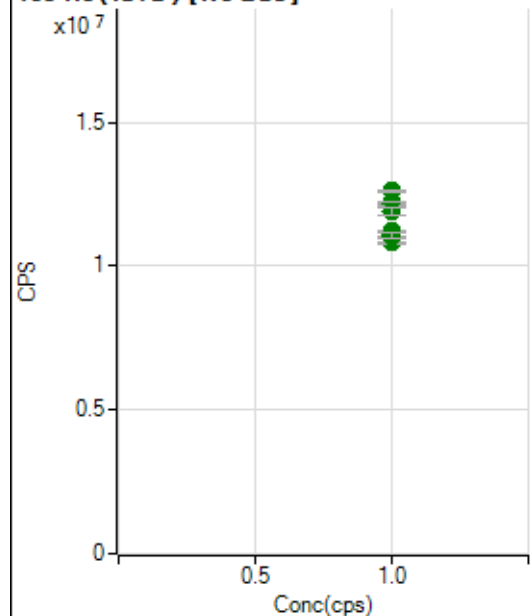
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1118401.11		P	0.7
2	☐	1.000		1120322.98		P	0.4
3	☐	1.000		1125794.32		P	0.1
4	☐	1.000		1074101.59		P	0.5
5	☐	1.000		996257.53		P	0.6
6	☐	1.000		929725.21		P	0.6
7	☐	1.000		898221.84		P	0.4
8	☐	1.000		832519.63		P	0.3
9	☐	1.000		995349.97		P	1.0

159 Tb (ISTD) [No Gas]

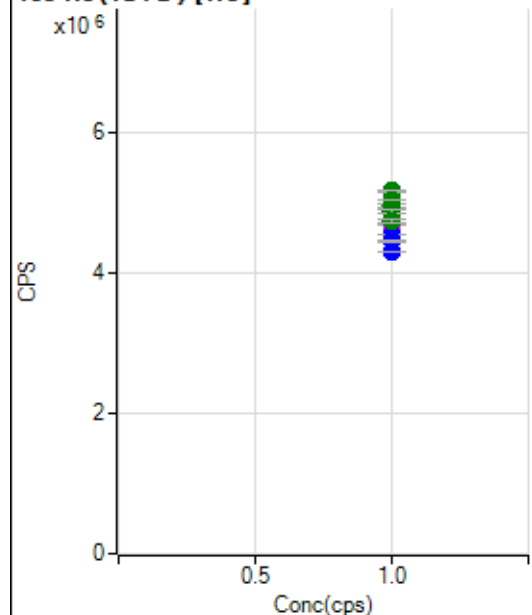
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12585445.23		A	0.6
2	☐	1.000		12185167.59		A	0.4
3	☐	1.000		12203095.51		A	0.2
4	☐	1.000		12171089.26		A	0.8
5	☐	1.000		11814183.30		A	2.6
6	☐	1.000		11079861.08		A	0.4
7	☐	1.000		10969950.81		A	0.5
8	☐	1.000		10659923.59		A	0.3
9	☐	1.000		10880045.11		A	2.3

159 Tb (ISTD) [He]

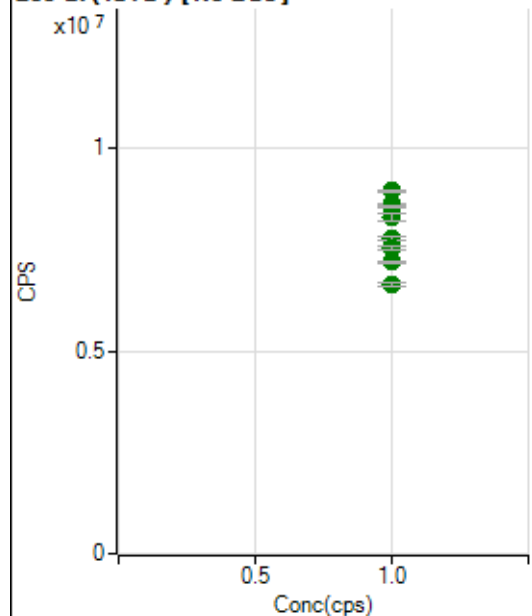
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4964211.31		A	0.4
2	☐	1.000		4763923.57		A	0.5
3	☐	1.000		4812122.05		A	0.1
4	☐	1.000		4660381.01		A	0.4
5	☐	1.000		4497519.52		P	0.4
6	☐	1.000		4313354.00		P	0.5
7	☐	1.000		4207937.19		P	0.6
8	☐	1.000		4033427.79		P	0.5
9	☐	1.000		4497130.94		P	0.6

165 Ho (ISTD) [No Gas]

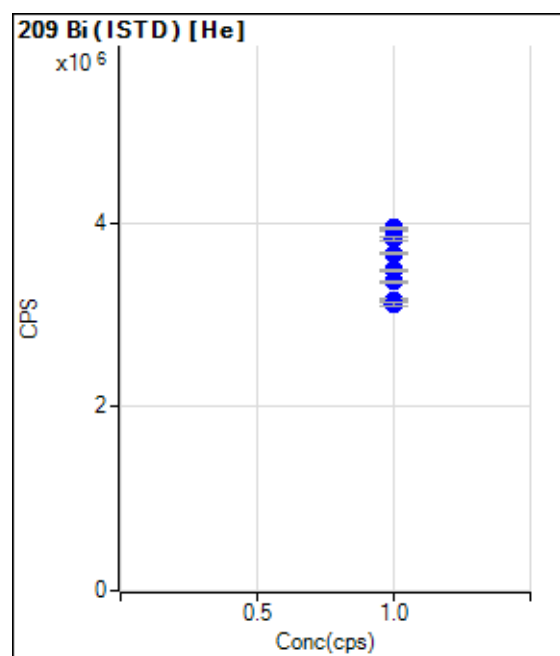
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12617964.00		A	0.4
2	☐	1.000		12179485.86		A	0.1
3	☐	1.000		12231847.58		A	0.2
4	☐	1.000		12180293.07		A	0.9
5	☐	1.000		11923398.79		A	2.5
6	☐	1.000		11218137.58		A	0.5
7	☐	1.000		11084943.74		A	1.0
8	☐	1.000		10822023.50		A	0.6
9	☐	1.000		11052167.87		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5171174.23		A	0.4
2	☐	1.000		4953065.38		A	1.2
3	☐	1.000		5044244.30		A	0.3
4	☐	1.000		4880710.31		A	1.1
5	☐	1.000		4696918.65		M	0.9
6	☐	1.000		4540396.08		P	0.2
7	☐	1.000		4461752.82		P	0.8
8	☐	1.000		4302785.18		P	0.2
9	☐	1.000		4732799.55		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8944869.24		A	0.5
2	☐	1.000		8603923.21		A	0.5
3	☐	1.000		8620471.19		A	0.5
4	☐	1.000		8539279.32		A	0.5
5	☐	1.000		8291689.18		A	2.5
6	☐	1.000		7775010.09		A	0.9
7	☐	1.000		7525002.32		A	1.0
8	☐	1.000		7191480.87		A	0.3
9	☐	1.000		6625736.22		A	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3943386.33		P	0.8
2	☐	1.000		3933323.97		P	1.0
3	☐	1.000		3949292.06		P	0.5
4	☐	1.000		3831419.73		P	0.8
5	☐	1.000		3667353.56		P	0.8
6	☐	1.000		3487805.02		P	0.8
7	☐	1.000		3365212.97		P	0.8
8	☐	1.000		3165790.13		P	0.8
9	☐	1.000		3119806.00		P	0.8

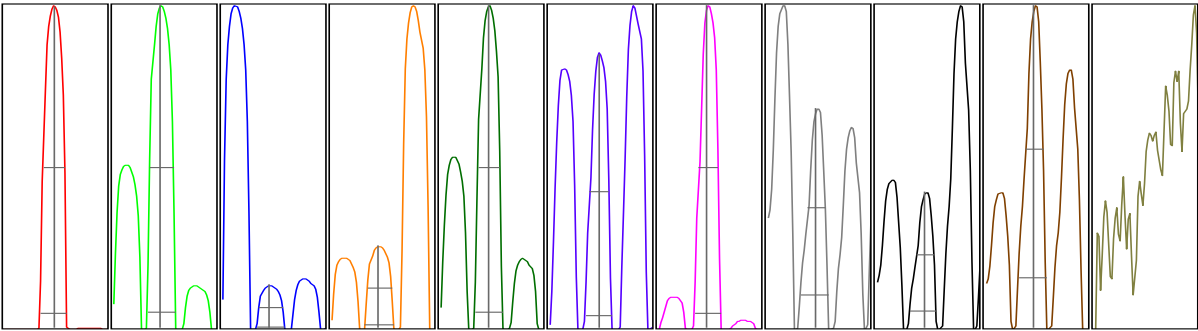
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7101619 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	6599	2.92	5.00	
24	70786	2.79	5.00	
25	9528	2.94	5.00	
26	11195	2.99	5.00	
59	44926	2.95	5.00	
113	7535	2.23	5.00	
115	87256	2.44	5.00	
206	29761	1.64	5.00	
207	28569	1.80	5.00	
208	64714	2.10	5.00	
220	97	2.69		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	6773	6678	6647	6628	6268
24	72574	71452	71607	70865	67433
25	9797	9633	9579	9575	9054
26	11493	11344	11272	11245	10621
59	46062	45510	45271	45142	42643
113	7645	7580	7576	7632	7240
115	88667	87974	87762	88384	83495
206	29807	29900	30103	30077	28917
207	28616	28698	28925	28922	27682
208	65151	64951	65223	65886	62360
220	100	99	97	94	95

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	10784	9.00	8.9 - 9.1		0.780	0.900	
24	109372	23.90	23.9 - 24.1		0.830	0.900	
25	14676	24.90	24.9 - 25.1		0.823	0.900	
26	17017	25.90	25.9 - 26.1		0.834	0.900	
59	74128	58.95	58.9 - 59.1		0.820	0.900	
113	13665	113.00	112.9 - 113.1		0.779	0.900	
115	159760	114.95	114.9 - 115.1		0.773	0.900	
206	54682	205.95	205.9 - 206.1		0.799	0.900	
207	50149	206.95	206.9 - 207.1		0.757	0.900	
208	118440	207.95	207.9 - 208.1		0.796	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	5.5	V	Deflect	11.8	V
Extract 2	-90.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	10943	0.82	
89	9651	1.03	
205	23160	0.66	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	11067	10937	10973	10916	10821
89	9811	9650	9659	9578	9558
205	23394	22986	23203	23119	23099

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	5.9	V	Deflect	1.0	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	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 :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.16	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.07	0.01	0.00	N/A	ppb
Boron	11-1	0.00	-0.02	0.02	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.04	0.00	0.00	N/A	ppb
Cadmium	106-1	0.73	-0.77	0.03	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Calcium	43-1	-0.01	-0.47	0.48	0.00	N/A	ppb
Calcium	44-1	-0.85	-0.05	0.89	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.03	0.03	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	0.04	-0.09	0.05	0.00	N/A	ppb
Iron	57-2	0.08	1.13	-1.21	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.38	-0.26	-0.12	0.00	N/A	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-20.31	-27.55	-27.54	-25.13		ppb
Potassium	39-2	-1.36	2.67	-1.31	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	0.27	-0.14	-0.14	0.00	N/A	ppb
Selenium	82-1	0.20	0.05	-0.25	0.00	N/A	ppb
Silicon	28-1	-0.06	0.28	-0.23	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.27	-0.68	-0.59	0.00	N/A	ppb
Strontium	86-1	0.04	-0.01	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-172.34	-140.73	-137.10	-150.06		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.68	2.23	0.47	1.79	65.32	ppb
Antimony	121-1	0.18	0.22	0.21	0.21	10.34	ppb
Arsenic	75-2	0.09	0.10	0.04	0.08	37.68	ppb
Barium	135-1	1.15	0.95	0.88	0.99	13.92	ppb
Barium	137-1	1.08	0.98	1.02	1.02	4.98	ppb
Beryllium	9-1	0.08	0.07	0.08	0.07	7.43	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	2.10	2.10	2.33	2.17	6.13	ppb
Boron	11-1	2.52	2.19	2.56	2.42	8.50	ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Cadmium	106-1	3.71	0.13	1.04	1.63	114.33	ppb
Cadmium	108-1	0.12	0.09	0.12	0.11	17.47	ppb
Calcium	43-1	54.00	50.49	51.38	51.95	3.51	ppb
Calcium	44-1	49.28	50.42	53.33	51.01	4.09	ppb
Chromium	52-2	0.21	0.17	0.20	0.19	10.71	ppb
Cobalt	59-2	0.09	0.08	0.10	0.09	12.87	ppb
Copper	63-2	0.20	0.21	0.23	0.22	6.64	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				97		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	3.90	3.94	3.95	3.93	0.68	ppb
Iron	57-2	4.32	3.12	3.43	3.62	17.30	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	14.89	ppb
Lead	207-1	0.09	0.08	0.07	0.08	11.76	ppb
Lead	208-1	0.09	0.07	0.08	0.08	9.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	51.42	47.97	48.46	49.28	3.78	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.09	0.07	0.09	12.77	ppb
Molybdenum	94-1	0.43	0.49	0.48	0.47	6.47	ppb
Molybdenum	95-1	0.41	0.49	0.50	0.46	10.94	ppb
Molybdenum	96-1	0.45	0.47	0.44	0.45	4.31	ppb
Molybdenum	97-1	0.45	0.48	0.49	0.47	3.84	ppb
Molybdenum	98-1	0.45	0.50	0.46	0.47	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.09	0.13	0.12	19.49	ppb
Phosphorus	31-2	-9.87	-20.41	-6.34	-12.21		ppb
Potassium	39-2	49.58	43.53	49.20	47.44	7.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	1.66	0.00	0.00	0.55	173.21	ppb
Selenium	78-2	0.67	1.49	0.39	0.85	66.96	ppb
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Silicon	28-1	0.68	0.81	1.11	0.87	25.58	ppb
Silver	109-1	0.11	0.14	0.14	0.13	11.40	ppb
Silver	107-1	0.12	0.13	0.12	0.12	1.66	ppb
Sodium	23-2	48.03	43.64	50.14	47.27	7.02	ppb
Strontium	86-1	0.05	0.06	0.09	0.07	29.70	ppb
Strontium	88-1	0.10	0.09	0.09	0.10	7.54	ppb
Sulfur	34-1	-56.23	-65.01	-65.27	-62.17		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.08	0.06	0.07	11.75	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	4.44	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	5.76	ppb
Tin	118-1	0.57	0.61	0.57	0.58	4.45	ppb
Titanium	47-1	0.51	0.64	0.37	0.50	26.94	ppb
Uranium	238-1	0.09	0.08	0.08	0.08	7.61	ppb
Vanadium	51-2	0.53	0.49	0.58	0.53	8.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.17	0.19	0.18	8.43	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	6.69	ppb
Zirconium	91-1	0.06	0.05	0.07	0.06	10.46	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:20:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.27	20.77	21.56	20.53	5.65	ppb
Antimony	121-1	2.13	1.99	2.02	2.04	3.55	ppb
Arsenic	75-2	1.11	1.12	1.01	1.08	5.79	ppb
Barium	135-1	10.92	10.41	10.25	10.53	3.32	ppb
Barium	137-1	10.78	10.82	10.54	10.71	1.42	ppb
Beryllium	9-1	0.93	0.98	1.09	1.00	8.51	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	23.07	23.96	23.26	23.43	1.99	ppb
Boron	11-1	23.64	22.80	24.21	23.55	3.00	ppb
Cadmium	111-1	1.23	1.13	1.14	1.16	4.65	ppb
Cadmium	106-1	2.21	1.80	0.87	1.62	42.03	ppb
Cadmium	108-1	1.06	1.12	0.90	1.02	10.97	ppb
Calcium	43-1	526.84	502.32	525.95	518.37	2.68	ppb
Calcium	44-1	496.11	498.25	502.83	499.06	0.69	ppb
Chromium	52-2	1.98	2.18	2.09	2.08	4.80	ppb
Cobalt	59-2	0.99	1.04	1.07	1.03	3.68	ppb
Copper	63-2	2.19	2.02	2.17	2.13	4.26	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				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	55.66	55.47	56.68	55.94	1.16	ppb
Iron	57-2	50.83	58.30	55.67	54.93	6.89	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.90	0.88	0.89	1.16	ppb
Lead	207-1	0.88	0.85	0.88	0.87	1.79	ppb
Lead	208-1	0.89	0.87	0.88	0.88	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	523.56	535.48	543.86	534.30	1.91	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:20:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.12	1.15	1.11	3.22	ppb
Molybdenum	94-1	5.15	4.95	4.70	4.93	4.56	ppb
Molybdenum	95-1	5.24	5.00	4.87	5.04	3.72	ppb
Molybdenum	96-1	5.26	4.90	4.99	5.05	3.77	ppb
Molybdenum	97-1	5.02	5.24	5.13	5.13	2.12	ppb
Molybdenum	98-1	4.97	5.13	5.03	5.04	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.15	1.18	1.14	4.43	ppb
Phosphorus	31-2	36.12	14.72	61.18	37.34	62.27	ppb
Potassium	39-2	489.11	488.63	501.42	493.05	1.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.77	6.58	4.10	5.48	23.09	ppb
Selenium	78-2	6.02	5.86	6.24	6.04	3.13	ppb
Selenium	82-1	6.04	5.78	4.89	5.57	10.82	ppb
Silicon	28-1	9.96	9.72	10.20	9.96	2.41	ppb
Silver	109-1	1.28	1.19	1.23	1.23	3.78	ppb
Silver	107-1	1.25	1.26	1.25	1.25	0.43	ppb
Sodium	23-2	505.93	502.40	508.35	505.56	0.59	ppb
Strontium	86-1	0.97	0.90	1.10	0.99	9.90	ppb
Strontium	88-1	0.98	0.96	0.95	0.96	2.09	ppb
Sulfur	34-1	122.70	315.92	198.06	212.23	45.89	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.95	0.98	0.89	0.94	5.03	ppb
Thallium	205-1	0.96	0.93	0.94	0.94	1.24	ppb
Thorium	232-1	0.83	0.81	0.81	0.82	1.70	ppb
Tin	118-1	5.63	5.61	5.87	5.70	2.52	ppb
Titanium	47-1	5.70	5.55	5.42	5.56	2.57	ppb
Uranium	238-1	0.91	0.89	0.91	0.90	1.18	ppb
Vanadium	51-2	5.46	5.33	5.40	5.40	1.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:20:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.24	2.44	2.26	2.32	4.66	ppb
Zirconium	90-1	0.91	0.95	0.88	0.91	3.77	ppb
Zirconium	91-1	0.80	0.90	0.87	0.86	6.27	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:24:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.80	1026.82	1001.26	1011.96	1.31	ppb
Antimony	121-1	52.90	51.74	52.32	52.32	1.11	ppb
Arsenic	75-2	51.49	52.09	52.06	51.88	0.65	ppb
Barium	135-1	262.36	259.67	263.61	261.88	0.77	ppb
Barium	137-1	260.15	258.58	258.76	259.16	0.33	ppb
Beryllium	9-1	52.45	51.86	51.83	52.05	0.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	49.38	48.47	50.92	49.59	2.50	ppb
Boron	11-1	47.63	47.68	49.48	48.26	2.19	ppb
Cadmium	111-1	57.30	56.28	55.48	56.35	1.62	ppb
Cadmium	106-1	58.34	54.44	54.86	55.88	3.83	ppb
Cadmium	108-1	56.71	56.02	55.41	56.05	1.17	ppb
Calcium	43-1	5193.31	5149.64	5079.22	5140.72	1.12	ppb
Calcium	44-1	5080.33	5038.78	4992.92	5037.34	0.87	ppb
Chromium	52-2	52.67	51.54	51.70	51.97	1.17	ppb
Cobalt	59-2	53.89	53.14	52.73	53.25	1.10	ppb
Copper	63-2	106.42	106.02	104.55	105.66	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				97		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	2708.20	2683.02	2677.41	2689.54	0.61	ppb
Iron	57-2	2680.23	2704.92	2713.67	2699.61	0.64	ppb
Krypton	83-1						cps
Lead	206-1	46.22	46.61	45.41	46.08	1.33	ppb
Lead	207-1	46.15	45.54	45.65	45.78	0.71	ppb
Lead	208-1	45.86	45.50	45.16	45.50	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	5265.62	5243.45	5226.53	5245.20	0.37	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:24:24 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.39	102.69	102.70	102.93	0.39	ppb
Molybdenum	94-1	253.08	251.90	249.84	251.60	0.65	ppb
Molybdenum	95-1	250.25	249.59	245.91	248.59	0.94	ppb
Molybdenum	96-1	251.65	250.53	247.04	249.74	0.96	ppb
Molybdenum	97-1	252.01	252.58	250.04	251.54	0.53	ppb
Molybdenum	98-1	251.89	252.64	248.63	251.05	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.40	54.40	54.02	54.61	1.31	ppb
Phosphorus	31-2	1005.65	1028.11	1030.54	1021.43	1.34	ppb
Potassium	39-2	2482.63	2462.15	2468.24	2471.01	0.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	49.97	56.83	50.91	52.57	7.07	ppb
Selenium	78-2	51.17	57.42	52.09	53.56	6.30	ppb
Selenium	82-1	52.82	55.26	51.85	53.31	3.29	ppb
Silicon	28-1	53.39	53.22	52.60	53.07	0.78	ppb
Silver	109-1	58.35	56.62	57.64	57.54	1.51	ppb
Silver	107-1	58.58	56.75	57.10	57.48	1.69	ppb
Sodium	23-2	5121.39	5111.43	5082.11	5104.98	0.40	ppb
Strontium	86-1	50.91	50.33	50.28	50.50	0.69	ppb
Strontium	88-1	49.78	49.24	48.92	49.31	0.88	ppb
Sulfur	34-1	1138.08	1075.84	1004.78	1072.90	6.22	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	49.25	48.75	48.36	48.79	0.91	ppb
Thallium	205-1	48.64	48.48	47.77	48.30	0.96	ppb
Thorium	232-1	45.92	45.94	45.43	45.76	0.64	ppb
Tin	118-1	55.05	53.80	54.34	54.39	1.16	ppb
Titanium	47-1	256.55	251.47	249.88	252.63	1.38	ppb
Uranium	238-1	46.59	46.82	45.93	46.45	1.00	ppb
Vanadium	51-2	52.14	50.99	50.19	51.11	1.92	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:24:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.03	105.77	101.65	103.81	1.99	ppb
Zirconium	90-1	50.58	49.91	49.84	50.11	0.82	ppb
Zirconium	91-1	51.13	51.25	50.28	50.89	1.04	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2517.08	2483.78	2532.47	2511.11	0.99	ppb
Antimony	121-1	123.38	129.13	127.06	126.52	2.30	ppb
Arsenic	75-2	126.85	128.54	129.69	128.36	1.11	ppb
Barium	135-1	619.26	648.16	638.44	635.28	2.31	ppb
Barium	137-1	611.31	639.04	630.41	626.92	2.26	ppb
Beryllium	9-1	126.86	129.46	128.02	128.12	1.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	117.93	122.24	125.81	121.99	3.24	ppb
Boron	11-1	118.42	126.33	123.13	122.63	3.24	ppb
Cadmium	111-1	132.80	139.11	137.13	136.35	2.37	ppb
Cadmium	106-1	130.74	139.28	133.03	134.35	3.29	ppb
Cadmium	108-1	130.30	137.22	133.12	133.55	2.60	ppb
Calcium	43-1	12286.76	12692.18	12788.25	12589.06	2.11	ppb
Calcium	44-1	12038.54	12477.20	12418.96	12311.57	1.94	ppb
Chromium	52-2	129.64	129.77	129.10	129.50	0.28	ppb
Cobalt	59-2	132.42	131.72	131.19	131.78	0.47	ppb
Copper	63-2	260.47	259.97	260.96	260.47	0.19	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				91		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	6688.57	6646.58	6604.25	6646.47	0.63	ppb
Iron	57-2	6763.33	6737.61	6736.55	6745.83	0.22	ppb
Krypton	83-1						cps
Lead	206-1	112.15	116.58	114.85	114.53	1.95	ppb
Lead	207-1	110.06	115.93	113.44	113.14	2.60	ppb
Lead	208-1	109.58	114.52	112.80	112.30	2.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	13068.15	13090.80	13027.66	13062.20	0.24	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.00	256.58	255.78	255.78	0.31	ppb
Molybdenum	94-1	599.57	624.52	618.05	614.05	2.11	ppb
Molybdenum	95-1	601.82	618.65	618.22	612.89	1.57	ppb
Molybdenum	96-1	597.02	619.23	615.53	610.59	1.95	ppb
Molybdenum	97-1	598.17	630.38	624.40	617.65	2.77	ppb
Molybdenum	98-1	597.27	622.26	617.36	612.30	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.59	132.66	132.80	133.02	0.38	ppb
Phosphorus	31-2	2482.44	2489.95	2682.64	2551.67	4.45	ppb
Potassium	39-2	6206.52	6179.85	6198.60	6194.99	0.22	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	142.06	128.32	104.84	125.07	15.05	ppb
Selenium	78-2	131.96	129.06	145.59	135.54	6.51	ppb
Selenium	82-1	129.37	134.08	134.36	132.60	2.11	ppb
Silicon	28-1	130.33	136.92	135.73	134.33	2.61	ppb
Silver	109-1	133.39	138.46	138.07	136.64	2.06	ppb
Silver	107-1	133.08	139.35	136.99	136.47	2.32	ppb
Sodium	23-2	12839.76	12884.32	12760.36	12828.15	0.49	ppb
Strontium	86-1	120.63	127.27	125.83	124.58	2.80	ppb
Strontium	88-1	117.84	123.40	123.02	121.42	2.56	ppb
Sulfur	34-1	2013.27	2376.14	2284.65	2224.69	8.48	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	118.16	122.72	121.73	120.87	1.99	ppb
Thallium	205-1	116.18	121.54	120.06	119.26	2.32	ppb
Thorium	232-1	110.43	115.19	115.07	113.56	2.39	ppb
Tin	118-1	129.12	134.48	134.15	132.59	2.27	ppb
Titanium	47-1	605.19	630.79	626.38	620.79	2.20	ppb
Uranium	238-1	110.15	116.58	115.40	114.04	3.00	ppb
Vanadium	51-2	126.17	126.83	126.09	126.36	0.32	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	263.67	258.30	263.22	261.73	1.14	ppb
Zirconium	90-1	119.97	124.36	123.52	122.62	1.90	ppb
Zirconium	91-1	123.41	126.44	125.14	125.00	1.21	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:32:09 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5046.60	4976.76	4959.91	4994.42	0.92	ppb
Antimony	121-1	254.17	251.44	249.45	251.69	0.94	ppb
Arsenic	75-2	254.08	254.51	253.58	254.06	0.18	ppb
Barium	135-1	1261.87	1266.13	1246.55	1258.18	0.82	ppb
Barium	137-1	1253.17	1234.43	1229.74	1239.11	1.00	ppb
Beryllium	9-1	254.45	254.65	258.15	255.75	0.81	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	239.21	240.71	249.62	243.18	2.31	ppb
Boron	11-1	240.80	244.28	251.06	245.38	2.13	ppb
Cadmium	111-1	266.40	266.67	263.46	265.51	0.67	ppb
Cadmium	106-1	258.80	256.45	257.26	257.50	0.46	ppb
Cadmium	108-1	265.28	262.13	265.50	264.30	0.71	ppb
Calcium	43-1	25549.13	25234.03	25364.57	25382.58	0.62	ppb
Calcium	44-1	25263.64	25230.01	25265.88	25253.18	0.08	ppb
Chromium	52-2	255.79	257.49	255.56	256.28	0.41	ppb
Cobalt	59-2	258.52	262.19	260.57	260.43	0.71	ppb
Copper	63-2	507.70	516.93	511.88	512.17	0.90	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				89		%
Holmium	165-2				88		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	13336.75	13447.95	13196.31	13327.01	0.95	ppb
Iron	57-2	13360.52	13608.60	13456.50	13475.21	0.93	ppb
Krypton	83-1						cps
Lead	206-1	228.97	228.60	228.72	228.76	0.08	ppb
Lead	207-1	227.68	226.34	228.51	227.51	0.48	ppb
Lead	208-1	225.16	224.67	225.05	224.96	0.11	ppb
Lithium	6-1				83		%
Magnesium	24-2	26359.01	26157.31	26143.35	26219.89	0.46	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:32:09 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.06	517.01	511.01	513.69	0.59	ppb
Molybdenum	94-1	1211.06	1212.09	1236.71	1219.95	1.19	ppb
Molybdenum	95-1	1208.83	1209.90	1211.60	1210.11	0.12	ppb
Molybdenum	96-1	1206.97	1210.05	1206.07	1207.70	0.17	ppb
Molybdenum	97-1	1223.69	1217.80	1221.79	1221.10	0.25	ppb
Molybdenum	98-1	1243.79	1223.42	1232.42	1233.21	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.10	262.38	261.68	262.38	0.27	ppb
Phosphorus	31-2	4986.13	5099.03	5188.64	5091.27	1.99	ppb
Potassium	39-2	12383.91	12300.60	12444.74	12376.42	0.58	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	77-2	280.81	290.62	276.99	282.81	2.49	ppb
Selenium	78-2	264.16	266.02	264.70	264.96	0.36	ppb
Selenium	82-1	261.37	261.08	264.45	262.30	0.71	ppb
Silicon	28-1	269.08	269.06	271.36	269.83	0.49	ppb
Silver	109-1	264.89	260.26	260.35	261.83	1.01	ppb
Silver	107-1	263.68	262.00	260.99	262.23	0.52	ppb
Sodium	23-2	26079.13	25933.73	25836.98	25949.95	0.47	ppb
Strontium	86-1	249.68	246.58	247.68	247.98	0.63	ppb
Strontium	88-1	241.00	239.32	242.20	240.84	0.60	ppb
Sulfur	34-1	4845.34	4879.04	4898.15	4874.18	0.55	ppb
Terbium	159-1				88		%
Terbium	159-2				87		%
Thallium	203-1	241.93	241.04	243.14	242.04	0.44	ppb
Thallium	205-1	243.17	234.59	246.02	241.26	2.47	ppb
Thorium	232-1	238.47	240.18	240.34	239.66	0.43	ppb
Tin	118-1	262.45	259.32	258.03	259.93	0.88	ppb
Titanium	47-1	1248.22	1251.11	1249.24	1249.52	0.12	ppb
Uranium	238-1	239.90	240.16	242.02	240.69	0.48	ppb
Vanadium	51-2	252.40	252.25	252.88	252.51	0.13	ppb
Yttrium	89-1				83		%
Yttrium	89-2				83		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:32:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	509.68	518.04	509.66	512.46	0.94	ppb
Zirconium	90-1	245.13	244.42	246.23	245.26	0.37	ppb
Zirconium	91-1	249.69	250.57	252.46	250.91	0.56	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:35:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9922.75	9864.16	10023.83	9936.91	0.81	ppb
Antimony	121-1	490.10	490.77	487.13	489.33	0.40	ppb
Arsenic	75-2	498.63	507.55	496.59	500.92	1.16	ppb
Barium	135-1	2447.33	2447.90	2445.87	2447.03	0.04	ppb
Barium	137-1	2515.14	2490.09	2487.07	2497.43	0.62	ppb
Beryllium	9-1	500.67	506.37	498.58	501.88	0.80	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Boron	10-1	486.00	497.09	482.69	488.59	1.54	ppb
Boron	11-1	486.08	495.54	496.54	492.72	1.17	ppb
Cadmium	111-1	516.57	514.65	511.83	514.35	0.46	ppb
Cadmium	106-1	500.17	508.25	504.26	504.22	0.80	ppb
Cadmium	108-1	510.11	506.78	506.91	507.93	0.37	ppb
Calcium	43-1	50583.64	51183.65	50609.75	50792.35	0.67	ppb
Calcium	44-1	50757.07	50831.02	50645.74	50744.61	0.18	ppb
Chromium	52-2	503.57	502.22	503.87	503.22	0.18	ppb
Cobalt	59-2	503.31	506.82	509.61	506.58	0.62	ppb
Copper	63-2	981.46	985.17	986.14	984.26	0.25	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				88		%
Holmium	165-2				86		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	26157.87	26051.68	26138.17	26115.91	0.22	ppb
Iron	57-2	26358.31	26277.92	26451.68	26362.64	0.33	ppb
Krypton	83-1						cps
Lead	206-1	453.33	456.57	456.32	455.41	0.40	ppb
Lead	207-1	450.55	454.88	456.83	454.09	0.71	ppb
Lead	208-1	456.78	459.83	461.20	459.27	0.49	ppb
Lithium	6-1				80		%
Magnesium	24-2	52244.69	52279.30	52261.79	52261.93	0.03	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:35:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.64	1001.47	1002.26	1000.46	0.25	ppb
Molybdenum	94-1	2474.21	2491.87	2497.08	2487.72	0.48	ppb
Molybdenum	95-1	2477.05	2490.90	2500.02	2489.32	0.46	ppb
Molybdenum	96-1	2486.14	2477.87	2497.50	2487.17	0.40	ppb
Molybdenum	97-1	2394.85	2384.52	2418.01	2399.13	0.71	ppb
Molybdenum	98-1	2463.00	2478.28	2484.67	2475.32	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.12	506.32	510.18	507.87	0.40	ppb
Phosphorus	31-2	9846.23	10221.86	9865.77	9977.96	2.12	ppb
Potassium	39-2	24423.11	24180.80	24378.73	24327.54	0.53	ppb
Rhodium	103-1				76		%
Rhodium	103-2				78		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	77-2	551.40	506.95	521.44	526.60	4.30	ppb
Selenium	78-2	509.92	512.93	511.34	511.40	0.30	ppb
Selenium	82-1	510.69	507.85	516.85	511.80	0.90	ppb
Silicon	28-1	508.22	515.58	518.19	514.00	1.01	ppb
Silver	109-1	502.41	501.31	500.67	501.46	0.18	ppb
Silver	107-1	497.11	501.71	499.60	499.47	0.46	ppb
Sodium	23-2	51548.15	51405.05	51372.55	51441.92	0.18	ppb
Strontium	86-1	499.07	493.17	497.26	496.50	0.61	ppb
Strontium	88-1	497.56	495.01	493.25	495.27	0.44	ppb
Sulfur	34-1	9889.57	10043.66	10021.92	9985.05	0.84	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	479.09	485.65	478.01	480.92	0.86	ppb
Thallium	205-1	491.29	500.38	495.73	495.80	0.92	ppb
Thorium	232-1	490.35	491.30	491.43	491.03	0.12	ppb
Tin	118-1	509.04	509.72	503.53	507.43	0.67	ppb
Titanium	47-1	2506.62	2506.55	2491.13	2501.43	0.36	ppb
Uranium	238-1	489.93	493.53	496.04	493.17	0.62	ppb
Vanadium	51-2	499.63	501.14	499.32	500.03	0.19	ppb
Yttrium	89-1				81		%
Yttrium	89-2				81		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:35:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.04	972.92	985.28	979.08	0.63	ppb
Zirconium	90-1	484.21	486.76	483.57	484.85	0.35	ppb
Zirconium	91-1	496.71	500.28	502.50	499.83	0.58	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:39:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19799.97	20016.76	19760.98	19859.24	0.69	ppb
Antimony	121-1	1003.75	1003.96	1006.11	1004.60	0.13	ppb
Arsenic	75-2	1001.03	999.52	993.48	998.01	0.40	ppb
Barium	135-1	5015.12	5032.04	5020.52	5022.56	0.17	ppb
Barium	137-1	4987.70	5034.85	4987.36	5003.31	0.55	ppb
Beryllium	9-1	999.49	1001.26	990.64	997.13	0.57	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Boron	10-1	1007.52	1010.00	1006.02	1007.85	0.20	ppb
Boron	11-1	990.31	1016.30	1009.03	1005.22	1.33	ppb
Cadmium	111-1	993.21	984.37	984.06	987.21	0.53	ppb
Cadmium	106-1	991.69	996.02	995.93	994.55	0.25	ppb
Cadmium	108-1	998.67	990.37	984.22	991.09	0.73	ppb
Calcium	43-1	101382.07	102340.21	102419.85	102047.37	0.57	ppb
Calcium	44-1	102711.76	102884.81	102924.58	102840.38	0.11	ppb
Chromium	52-2	984.14	1007.94	996.39	996.16	1.19	ppb
Cobalt	59-2	985.25	1006.31	987.72	993.10	1.16	ppb
Copper	63-2	1986.80	2018.80	2004.12	2003.24	0.80	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				86		%
Holmium	165-2				83		%
Indium	115-1				77		%
Indium	115-2				74		%
Iron	56-2	52035.87	52403.96	51459.75	51966.53	0.92	ppb
Iron	57-2	52298.81	52480.89	51821.86	52200.52	0.65	ppb
Krypton	83-1						cps
Lead	206-1	1032.33	1025.03	1029.98	1029.11	0.36	ppb
Lead	207-1	1033.26	1024.20	1033.36	1030.27	0.51	ppb
Lead	208-1	1028.59	1026.68	1030.05	1028.44	0.16	ppb
Lithium	6-1				75		%
Magnesium	24-2	104854.73	105931.25	104681.96	105155.98	0.64	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:39:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1979.19	2020.27	1986.98	1995.48	1.09	ppb
Molybdenum	94-1	5007.69	4999.47	5037.66	5014.94	0.40	ppb
Molybdenum	95-1	5014.63	4988.95	5047.10	5016.90	0.58	ppb
Molybdenum	96-1	5030.82	4999.61	5025.98	5018.80	0.33	ppb
Molybdenum	97-1	5048.91	5057.63	5068.96	5058.50	0.20	ppb
Molybdenum	98-1	5000.56	5038.17	5015.48	5018.07	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.31	1007.02	988.87	991.73	1.42	ppb
Phosphorus	31-2	19765.33	20505.27	19671.43	19980.67	2.29	ppb
Potassium	39-2	48171.75	48538.32	48531.43	48413.83	0.43	ppb
Rhodium	103-1				69		%
Rhodium	103-2				73		%
Scandium	45-1				76		%
Scandium	45-2				76		%
Selenium	77-2	1012.20	938.88	983.99	978.36	3.78	ppb
Selenium	78-2	997.06	994.81	975.31	989.06	1.21	ppb
Selenium	82-1	990.96	984.96	993.81	989.91	0.46	ppb
Silicon	28-1	985.05	982.55	992.58	986.72	0.53	ppb
Silver	109-1	1002.15	995.40	985.88	994.48	0.82	ppb
Silver	107-1	999.78	998.86	987.56	995.40	0.68	ppb
Sodium	23-2	103867.91	105481.24	103505.96	104285.03	1.01	ppb
Strontium	86-1	1006.67	997.50	1002.67	1002.28	0.46	ppb
Strontium	88-1	1009.37	1000.21	1005.83	1005.14	0.46	ppb
Sulfur	34-1	20246.66	19919.03	20043.40	20069.70	0.82	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	1018.35	1007.74	1010.24	1012.11	0.55	ppb
Thallium	205-1	1007.65	1004.29	1003.32	1005.09	0.23	ppb
Thorium	232-1	1010.00	1005.81	1010.33	1008.71	0.25	ppb
Tin	118-1	993.90	996.28	987.71	992.63	0.45	ppb
Titanium	47-1	4991.90	4988.34	5019.15	4999.80	0.34	ppb
Uranium	238-1	1010.00	998.98	1012.89	1007.29	0.73	ppb
Vanadium	51-2	997.23	1008.21	991.95	999.13	0.83	ppb
Yttrium	89-1				78		%
Yttrium	89-2				77		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:39:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1980.45	2029.88	2006.73	2005.69	1.23	ppb
Zirconium	90-1	1006.42	1008.61	1012.13	1009.05	0.29	ppb
Zirconium	91-1	1004.15	994.77	1000.51	999.81	0.47	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99570.03	100544.20	99988.81	100034.34	0.49	ppb
Antimony	121-1	1.60	1.62	1.72	1.64	4.19	ppb
Arsenic	75-2	1.34	1.47	1.34	1.38	5.45	ppb
Barium	135-1	1.37	1.45	1.22	1.35	8.38	ppb
Barium	137-1	1.52	1.24	1.35	1.37	10.28	ppb
Beryllium	9-1	0.32	0.28	0.28	0.29	8.32	ppb
Bismuth	209-1				74		%
Bismuth	209-2				79		%
Boron	10-1	45.01	40.63	38.62	41.42	7.89	ppb
Boron	11-1	43.70	40.46	38.73	40.97	6.16	ppb
Cadmium	111-1	0.32	0.44	0.30	0.35	22.10	ppb
Cadmium	106-1	0.86	2.20	0.17	1.08	96.39	ppb
Cadmium	108-1	0.36	0.17	0.48	0.34	45.30	ppb
Calcium	43-1	500286.74	501065.38	497113.41	499488.51	0.42	ppb
Calcium	44-1	498324.60	499764.58	499958.24	499349.14	0.18	ppb
Chromium	52-2	35.55	35.69	35.37	35.54	0.45	ppb
Cobalt	59-2	12.01	12.24	11.95	12.07	1.27	ppb
Copper	63-2	3.61	3.72	3.46	3.60	3.64	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				88		%
Holmium	165-2				92		%
Indium	115-1				79		%
Indium	115-2				89		%
Iron	56-2	248063.02	251028.26	249234.56	249441.95	0.60	ppb
Iron	57-2	249985.27	249911.19	248184.98	249360.48	0.41	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.31	1.30	1.30	0.74	ppb
Lead	207-1	1.33	1.33	1.34	1.33	0.52	ppb
Lead	208-1	1.31	1.29	1.30	1.30	0.70	ppb
Lithium	6-1				78		%
Magnesium	24-2	497022.61	500752.39	498220.22	498665.08	0.38	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.02	6.79	7.27	7.03	3.44	ppb
Molybdenum	94-1	4.68	4.57	4.57	4.61	1.36	ppb
Molybdenum	95-1	6.03	5.79	5.54	5.79	4.25	ppb
Molybdenum	96-1	5.65	5.61	5.54	5.60	1.02	ppb
Molybdenum	97-1	5.84	5.81	5.52	5.72	3.15	ppb
Molybdenum	98-1	5.77	5.55	5.33	5.55	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.38	31.41	31.74	31.51	0.63	ppb
Phosphorus	31-2	9.30	-12.97	-16.82	-6.83		ppb
Potassium	39-2	249999.55	250742.59	250434.87	250392.34	0.15	ppb
Rhodium	103-1				70		%
Rhodium	103-2				82		%
Scandium	45-1				84		%
Scandium	45-2				99		%
Selenium	77-2	0.88	0.87	0.86	0.87	1.21	ppb
Selenium	78-2	0.73	0.16	1.26	0.72	76.93	ppb
Selenium	82-1	1.24	0.16	0.16	0.52	120.01	ppb
Silicon	28-1	37.91	37.66	37.45	37.67	0.60	ppb
Silver	109-1	0.26	0.24	0.27	0.26	5.67	ppb
Silver	107-1	0.26	0.23	0.23	0.24	5.80	ppb
Sodium	23-2	496387.07	503503.79	496935.27	498942.05	0.79	ppb
Strontium	86-1	3.93	4.22	4.35	4.17	5.25	ppb
Strontium	88-1	4.24	4.19	4.08	4.17	2.00	ppb
Sulfur	34-1	1017.18	1050.78	1131.23	1066.40	5.50	ppb
Terbium	159-1				86		%
Terbium	159-2				91		%
Thallium	203-1	0.43	0.42	0.41	0.42	1.35	ppb
Thallium	205-1	0.46	0.43	0.40	0.43	6.37	ppb
Thorium	232-1	0.38	0.34	0.34	0.35	6.41	ppb
Tin	118-1	0.56	0.66	0.58	0.60	8.91	ppb
Titanium	47-1	2.79	2.84	2.85	2.83	1.15	ppb
Uranium	238-1	0.27	0.25	0.24	0.25	5.25	ppb
Vanadium	51-2	0.28	0.28	0.32	0.29	7.57	ppb
Yttrium	89-1				83		%
Yttrium	89-2				96		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.67	22.33	22.56	22.52	0.77	ppb
Zirconium	90-1	0.40	0.37	0.39	0.39	3.71	ppb
Zirconium	91-1	0.42	0.39	0.45	0.42	7.50	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:18:12	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	472.45	466.22	457.32	465.33	1.63	ppb
Antimony	121-1	198.30	197.65	197.39	197.78	0.24	ppb
Arsenic	75-2	209.88	202.41	205.40	205.90	1.83	ppb
Barium	135-1	102.11	101.29	100.57	101.32	0.76	ppb
Barium	137-1	100.68	100.83	100.23	100.58	0.31	ppb
Beryllium	9-1	97.30	97.23	97.55	97.36	0.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	532.11	533.63	543.95	536.56	1.20	ppb
Boron	11-1	530.73	542.74	551.49	541.65	1.92	ppb
Cadmium	111-1	108.31	107.87	107.73	107.97	0.28	ppb
Cadmium	106-1	222.38	224.85	220.01	222.41	1.09	ppb
Cadmium	108-1	204.41	203.53	200.00	202.65	1.15	ppb
Calcium	43-1	2408.47	2320.87	2334.81	2354.72	2.00	ppb
Calcium	44-1	2190.62	2189.75	2182.75	2187.71	0.20	ppb
Chromium	52-2	97.90	97.23	97.77	97.63	0.36	ppb
Cobalt	59-2	101.84	101.95	101.99	101.93	0.08	ppb
Copper	63-2	101.11	100.49	100.93	100.84	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	1071.90	1069.50	1065.13	1068.84	0.32	ppb
Iron	57-2	1055.64	1051.44	1070.47	1059.18	0.94	ppb
Krypton	83-1						cps
Lead	206-1	209.40	208.23	205.04	207.55	1.09	ppb
Lead	207-1	206.62	206.63	204.58	205.94	0.57	ppb
Lead	208-1	203.88	203.46	202.32	203.22	0.40	ppb
Lithium	6-1				94		%
Magnesium	24-2	1267.73	1282.22	1274.57	1274.84	0.57	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:18:12	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.54	97.42	94.22	96.06	1.72	ppb
Molybdenum	94-1	2732.64	2716.32	2716.30	2721.75	0.35	ppb
Molybdenum	95-1	2789.31	2750.82	2762.41	2767.51	0.71	ppb
Molybdenum	96-1	2760.29	2732.68	2743.36	2745.44	0.51	ppb
Molybdenum	97-1	2791.59	2757.48	2753.86	2767.64	0.75	ppb
Molybdenum	98-1	2754.69	2726.98	2746.78	2742.82	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.60	103.57	103.90	104.03	0.51	ppb
Phosphorus	31-2	11.72	-0.34	-12.06	-0.23		ppb
Potassium	39-2	1973.12	1932.13	1933.36	1946.21	1.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	211.97	228.77	213.01	217.91	4.32	ppb
Selenium	78-2	204.16	206.92	216.38	209.15	3.07	ppb
Selenium	82-1	208.90	208.06	207.80	208.26	0.28	ppb
Silicon	28-1	16.21	18.23	18.98	17.81	8.04	ppb
Silver	109-1	96.02	96.31	96.23	96.19	0.16	ppb
Silver	107-1	97.89	98.51	98.29	98.23	0.32	ppb
Sodium	23-2	2045.36	2057.24	2035.65	2046.09	0.53	ppb
Strontium	86-1	536.15	535.34	536.02	535.84	0.08	ppb
Strontium	88-1	531.93	534.99	533.83	533.58	0.29	ppb
Sulfur	34-1	419.09	413.07	290.40	374.19	19.41	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	214.56	213.74	210.79	213.03	0.93	ppb
Thallium	205-1	207.66	206.24	202.79	205.56	1.22	ppb
Thorium	232-1	50.71	50.55	50.82	50.69	0.27	ppb
Tin	118-1	545.37	549.51	545.12	546.67	0.45	ppb
Titanium	47-1	2782.68	2763.85	2757.43	2767.99	0.47	ppb
Uranium	238-1	519.06	523.54	523.55	522.05	0.50	ppb
Vanadium	51-2	95.78	96.93	96.33	96.34	0.60	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:18:12	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	201.17	200.26	197.83	199.75	0.87	ppb
Zirconium	90-1	531.00	527.50	525.16	527.89	0.56	ppb
Zirconium	91-1	531.30	517.99	519.79	523.03	1.38	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:23:36 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	0.15	-0.32	-0.21		ppb
Antimony	121-1	0.09	0.09	0.10	0.09	7.66	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	-0.04	-0.03	-0.03		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	46.32	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	19.28	14.92	13.61	15.94	18.62	ppb
Boron	11-1	18.38	16.51	15.16	16.68	9.71	ppb
Cadmium	111-1	-0.02	-0.01	0.04	0.00	1567.10	ppb
Cadmium	106-1	-0.24	-0.33	0.57	0.00	23915.05	ppb
Cadmium	108-1	0.03	-0.01	-0.01	0.00	508.51	ppb
Calcium	43-1	0.15	0.58	-1.99	-0.42		ppb
Calcium	44-1	-0.28	-0.66	-2.02	-0.99		ppb
Chromium	52-2	-0.04	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.04	0.00	-0.07	-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				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	-1.54	-1.57	-1.46	-1.52		ppb
Iron	57-2	-2.28	-2.11	-2.47	-2.29		ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	0.00	0.01	271.89	ppb
Lead	207-1	0.01	0.00	0.00	0.00	241.29	ppb
Lead	208-1	0.02	0.00	0.00	0.01	119.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	-2.56	-2.66	-2.92	-2.71		ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:23:36 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.29	0.20	0.20	0.23	20.88	ppb
Molybdenum	95-1	0.27	0.23	0.21	0.24	11.65	ppb
Molybdenum	96-1	0.26	0.25	0.19	0.23	14.95	ppb
Molybdenum	97-1	0.25	0.23	0.25	0.25	4.49	ppb
Molybdenum	98-1	0.28	0.24	0.16	0.23	26.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-5.86	-24.00	-27.56	-19.14		ppb
Potassium	39-2	4.40	5.09	1.67	3.72	48.68	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	0.55	0.27	0.00	0.28	100.36	ppb
Selenium	82-1	0.46	0.73	0.91	0.70	32.24	ppb
Silicon	28-1	4.44	2.21	1.96	2.87	47.55	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	1.63	1.35	0.97	1.31	25.40	ppb
Strontium	86-1	0.01	-0.09	-0.05	-0.04		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	32.89	ppb
Sulfur	34-1	1334.03	582.95	656.29	857.75	48.28	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.02	0.02	36.71	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	17.98	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	21.23	ppb
Tin	118-1	0.14	0.12	0.12	0.12	9.25	ppb
Titanium	47-1	0.10	0.03	0.07	0.07	50.47	ppb
Uranium	238-1	0.03	0.01	0.02	0.02	56.55	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:23:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	-0.18	-0.08	-0.13		ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	34.27	ppb
Zirconium	91-1	0.06	0.03	0.00	0.03	104.72	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:27:10 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89947.45	89943.35	90589.12	90159.98	0.41	ppb
Antimony	121-1	1.20	1.16	1.20	1.19	1.75	ppb
Arsenic	75-2	0.33	0.37	0.29	0.33	10.88	ppb
Barium	135-1	1.36	1.53	1.27	1.38	9.60	ppb
Barium	137-1	1.37	1.47	1.59	1.47	7.40	ppb
Beryllium	9-1	0.32	0.26	0.23	0.27	16.71	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	11.57	10.79	9.65	10.67	9.06	ppb
Boron	11-1	11.73	11.33	10.67	11.24	4.79	ppb
Cadmium	111-1	-0.18	-0.25	0.14	-0.10		ppb
Cadmium	106-1	-1.75	-1.65	-0.69	-1.37		ppb
Cadmium	108-1	25.69	24.61	22.12	24.14	7.59	ppb
Calcium	43-1	100519.02	100535.55	99893.48	100316.02	0.36	ppb
Calcium	44-1	101226.75	101435.44	100757.24	101139.81	0.34	ppb
Chromium	52-2	20.86	20.85	21.19	20.97	0.92	ppb
Cobalt	59-2	1.24	1.15	1.27	1.22	5.31	ppb
Copper	63-2	7.48	7.55	8.09	7.71	4.36	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				98		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	101274.78	100162.44	101732.57	101056.59	0.80	ppb
Iron	57-2	100168.30	99074.88	99896.85	99713.34	0.57	ppb
Krypton	83-1						cps
Lead	206-1	4.57	4.41	4.37	4.45	2.40	ppb
Lead	207-1	3.86	3.90	3.87	3.88	0.45	ppb
Lead	208-1	4.18	4.14	4.04	4.12	1.73	ppb
Lithium	6-1				92		%
Magnesium	24-2	102984.55	102684.69	103086.58	102918.61	0.20	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:27:10 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.40	8.59	8.68	8.56	1.65	ppb
Molybdenum	94-1	1277.41	1270.14	1259.57	1269.04	0.71	ppb
Molybdenum	95-1	1880.13	1878.88	1866.00	1875.01	0.42	ppb
Molybdenum	96-1	1815.55	1799.80	1804.75	1806.70	0.45	ppb
Molybdenum	97-1	1823.86	1791.75	1815.30	1810.30	0.92	ppb
Molybdenum	98-1	1885.96	1864.81	1883.86	1878.21	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.62	5.82	6.50	6.31	6.86	ppb
Phosphorus	31-2	96914.86	96566.42	97933.79	97138.36	0.73	ppb
Potassium	39-2	98550.40	97326.15	99538.27	98471.61	1.13	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.87	0.29	173.21	ppb
Selenium	78-2	0.17	0.72	0.30	0.40	73.26	ppb
Selenium	82-1	0.21	0.39	0.07	0.22	73.73	ppb
Silicon	28-1	29.34	29.70	28.85	29.30	1.46	ppb
Silver	109-1	0.01	0.02	0.03	0.02	40.35	ppb
Silver	107-1	0.01	0.01	0.03	0.02	83.95	ppb
Sodium	23-2	101694.95	100595.75	101783.24	101357.98	0.65	ppb
Strontium	86-1	33.85	33.80	33.44	33.70	0.65	ppb
Strontium	88-1	33.91	33.47	33.48	33.62	0.75	ppb
Sulfur	34-1	94048.05	93711.60	92390.28	93383.31	0.94	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.11	0.10	0.15	0.12	22.83	ppb
Thallium	205-1	0.11	0.12	0.13	0.12	11.41	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	5.71	ppb
Tin	118-1	0.23	0.25	0.26	0.25	6.66	ppb
Titanium	47-1	2069.84	2073.01	2068.05	2070.30	0.12	ppb
Uranium	238-1	0.03	0.03	0.04	0.04	18.32	ppb
Vanadium	51-2	0.18	0.17	0.18	0.18	3.86	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:27:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.73	10.82	11.57	11.37	4.28	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	14.79	ppb
Zirconium	91-1	0.07	0.05	0.10	0.07	38.52	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91581.14	90907.01	90278.23	90922.13	0.72	ppb
Antimony	121-1	20.58	20.79	20.42	20.60	0.90	ppb
Arsenic	75-2	20.20	19.38	19.21	19.60	2.70	ppb
Barium	135-1	21.78	21.50	21.35	21.54	1.00	ppb
Barium	137-1	21.40	21.61	21.09	21.37	1.22	ppb
Beryllium	9-1	19.68	20.28	19.98	19.98	1.50	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	68.55	69.94	68.02	68.84	1.44	ppb
Boron	11-1	67.66	68.04	67.81	67.84	0.29	ppb
Cadmium	111-1	19.78	19.51	19.95	19.75	1.13	ppb
Cadmium	106-1	27.26	26.84	27.02	27.04	0.79	ppb
Cadmium	108-1	47.94	45.89	47.94	47.26	2.50	ppb
Calcium	43-1	99825.42	101071.06	101296.15	100730.88	0.79	ppb
Calcium	44-1	100791.66	102103.45	102685.38	101860.16	0.95	ppb
Chromium	52-2	40.23	40.19	40.62	40.34	0.58	ppb
Cobalt	59-2	21.38	21.29	21.05	21.24	0.80	ppb
Copper	63-2	26.80	26.99	26.47	26.75	1.00	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				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	101525.86	102078.09	101172.82	101592.26	0.45	ppb
Iron	57-2	100024.34	100682.13	100763.56	100490.01	0.40	ppb
Krypton	83-1						cps
Lead	206-1	24.01	23.66	23.32	23.66	1.45	ppb
Lead	207-1	22.27	21.97	22.28	22.17	0.79	ppb
Lead	208-1	22.58	22.38	22.28	22.41	0.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	104208.62	103708.62	103833.68	103916.97	0.25	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.57	27.03	27.34	27.31	1.00	ppb
Molybdenum	94-1	1394.57	1378.84	1382.00	1385.14	0.60	ppb
Molybdenum	95-1	1948.92	1936.10	1930.63	1938.55	0.48	ppb
Molybdenum	96-1	1887.08	1878.17	1869.36	1878.20	0.47	ppb
Molybdenum	97-1	1900.68	1856.94	1866.67	1874.76	1.22	ppb
Molybdenum	98-1	1955.20	1933.87	1936.79	1941.95	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.71	25.32	25.85	25.63	1.07	ppb
Phosphorus	31-2	97862.14	99681.77	96683.30	98075.74	1.54	ppb
Potassium	39-2	99489.41	99559.67	99210.64	99419.91	0.19	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	21.38	16.15	17.51	18.35	14.80	ppb
Selenium	78-2	21.93	17.24	18.53	19.24	12.60	ppb
Selenium	82-1	19.59	19.54	19.14	19.42	1.26	ppb
Silicon	28-1	81.07	83.05	83.01	82.38	1.37	ppb
Silver	109-1	19.43	19.12	19.28	19.28	0.80	ppb
Silver	107-1	19.47	19.63	19.13	19.41	1.32	ppb
Sodium	23-2	102985.39	102091.83	102978.02	102685.08	0.50	ppb
Strontium	86-1	88.00	86.94	87.61	87.51	0.61	ppb
Strontium	88-1	86.10	86.18	85.76	86.01	0.26	ppb
Sulfur	34-1	92997.14	93858.47	92996.61	93284.07	0.53	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	20.75	20.26	20.42	20.48	1.21	ppb
Thallium	205-1	20.56	20.44	20.00	20.33	1.44	ppb
Thorium	232-1	0.45	0.48	0.46	0.46	3.11	ppb
Tin	118-1	56.96	55.80	55.20	55.99	1.61	ppb
Titanium	47-1	2121.28	2138.64	2114.52	2124.81	0.59	ppb
Uranium	238-1	50.89	50.27	49.96	50.38	0.94	ppb
Vanadium	51-2	19.74	19.82	19.19	19.58	1.76	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.28	28.51	28.91	28.57	1.11	ppb
Zirconium	90-1	52.42	52.65	52.12	52.40	0.50	ppb
Zirconium	91-1	54.05	53.54	53.04	53.54	0.94	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50593.60	49881.91	49253.36	49909.62	1.34	ppb
Antimony	121-1	474.26	474.89	473.49	474.21	0.15	ppb
Arsenic	75-2	477.36	478.23	477.24	477.61	0.11	ppb
Barium	135-1	2448.98	2436.19	2426.07	2437.08	0.47	ppb
Barium	137-1	2501.30	2504.04	2483.38	2496.24	0.45	ppb
Beryllium	9-1	483.27	484.47	482.54	483.42	0.20	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	474.34	476.88	497.50	482.91	2.63	ppb
Boron	11-1	485.06	489.67	492.53	489.09	0.77	ppb
Cadmium	111-1	497.91	503.10	499.45	500.16	0.53	ppb
Cadmium	106-1	498.49	502.70	508.29	503.16	0.98	ppb
Cadmium	108-1	500.31	503.72	504.08	502.70	0.41	ppb
Calcium	43-1	239719.88	237335.39	236738.83	237931.37	0.66	ppb
Calcium	44-1	241625.79	240885.59	243190.05	241900.48	0.49	ppb
Chromium	52-2	492.25	493.93	486.75	490.98	0.77	ppb
Cobalt	59-2	477.65	473.91	467.54	473.03	1.08	ppb
Copper	63-2	978.37	979.20	964.42	974.00	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	122123.99	121000.08	117949.13	120357.73	1.79	ppb
Iron	57-2	120406.15	119723.80	117138.12	119089.36	1.45	ppb
Krypton	83-1						cps
Lead	206-1	454.42	456.34	459.76	456.84	0.59	ppb
Lead	207-1	450.95	451.92	452.20	451.69	0.14	ppb
Lead	208-1	459.67	460.17	460.10	459.98	0.06	ppb
Lithium	6-1				91		%
Magnesium	24-2	244532.21	244775.02	239166.79	242824.68	1.31	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	949.31	943.16	932.53	941.67	0.90	ppb
Molybdenum	94-1	2452.39	2400.35	2419.39	2424.04	1.09	ppb
Molybdenum	95-1	2438.16	2388.50	2398.72	2408.46	1.09	ppb
Molybdenum	96-1	2438.69	2399.64	2403.13	2413.82	0.90	ppb
Molybdenum	97-1	2326.86	2306.60	2311.50	2314.99	0.46	ppb
Molybdenum	98-1	2408.81	2407.79	2404.63	2407.07	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.55	471.23	471.20	473.66	0.89	ppb
Phosphorus	31-2	9722.98	9318.39	9572.03	9537.80	2.14	ppb
Potassium	39-2	123975.07	121427.40	120562.82	121988.43	1.45	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	492.00	540.48	511.14	514.54	4.75	ppb
Selenium	78-2	484.52	499.39	507.47	497.13	2.34	ppb
Selenium	82-1	490.67	491.63	484.04	488.78	0.85	ppb
Silicon	28-1	522.18	523.91	523.85	523.31	0.19	ppb
Silver	109-1	498.48	499.85	494.95	497.76	0.51	ppb
Silver	107-1	496.97	499.56	495.00	497.18	0.46	ppb
Sodium	23-2	245555.08	245165.37	239670.34	243463.60	1.35	ppb
Strontium	86-1	492.97	477.58	481.72	484.09	1.64	ppb
Strontium	88-1	487.80	481.38	483.49	484.23	0.68	ppb
Sulfur	34-1	10058.25	9926.09	9829.45	9937.93	1.16	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	486.87	489.61	486.27	487.58	0.36	ppb
Thallium	205-1	498.99	505.55	505.52	503.35	0.75	ppb
Thorium	232-1	488.79	489.54	490.18	489.50	0.14	ppb
Tin	118-1	497.15	501.76	500.53	499.81	0.48	ppb
Titanium	47-1	2475.17	2450.98	2449.09	2458.41	0.59	ppb
Uranium	238-1	478.30	482.43	481.49	480.74	0.45	ppb
Vanadium	51-2	489.54	489.77	483.91	487.74	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	954.34	955.55	936.47	948.79	1.13	ppb
Zirconium	90-1	493.67	488.56	490.19	490.80	0.53	ppb
Zirconium	91-1	489.57	481.56	487.64	486.26	0.86	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.63	18.16	22.84	19.54	14.69	ppb
Antimony	121-1	2.18	2.07	2.11	2.12	2.68	ppb
Arsenic	75-2	1.29	1.04	0.91	1.08	17.82	ppb
Barium	135-1	10.33	10.54	10.36	10.41	1.10	ppb
Barium	137-1	10.56	10.69	10.45	10.56	1.10	ppb
Beryllium	9-1	1.01	1.07	1.03	1.04	3.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	30.84	30.89	30.63	30.79	0.46	ppb
Boron	11-1	31.40	31.69	32.74	31.95	2.21	ppb
Cadmium	111-1	1.07	1.20	1.10	1.12	5.87	ppb
Cadmium	106-1	0.23	1.48	1.38	1.03	67.78	ppb
Cadmium	108-1	1.15	1.34	1.29	1.26	7.79	ppb
Calcium	43-1	485.94	490.78	487.61	488.11	0.50	ppb
Calcium	44-1	492.73	498.68	491.28	494.23	0.79	ppb
Chromium	52-2	1.91	2.06	1.93	1.96	4.31	ppb
Cobalt	59-2	1.00	1.05	1.08	1.04	3.57	ppb
Copper	63-2	2.18	2.12	1.97	2.09	5.14	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				111		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				114		%
Iron	56-2	58.15	56.57	56.01	56.91	1.95	ppb
Iron	57-2	52.18	54.05	57.67	54.63	5.11	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.95	0.94	0.95	1.18	ppb
Lead	207-1	0.87	0.92	0.88	0.89	2.75	ppb
Lead	208-1	0.90	0.92	0.89	0.90	1.28	ppb
Lithium	6-1				115		%
Magnesium	24-2	542.28	534.23	532.92	536.48	0.94	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.06	1.07	1.06	0.23	ppb
Molybdenum	94-1	4.99	4.81	4.72	4.84	2.84	ppb
Molybdenum	95-1	4.97	4.95	4.90	4.94	0.80	ppb
Molybdenum	96-1	5.11	4.89	5.11	5.03	2.56	ppb
Molybdenum	97-1	5.08	5.01	5.08	5.06	0.84	ppb
Molybdenum	98-1	4.85	4.96	4.95	4.92	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.00	1.01	1.03	3.53	ppb
Phosphorus	31-2	48.56	42.18	21.59	37.44	37.64	ppb
Potassium	39-2	521.75	522.05	516.28	520.03	0.62	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				123		%
Scandium	45-2				122		%
Selenium	77-2	5.68	6.97	10.61	7.75	33.04	ppb
Selenium	78-2	6.27	7.17	4.30	5.91	24.80	ppb
Selenium	82-1	5.53	5.71	5.60	5.61	1.61	ppb
Silicon	28-1	10.73	9.70	9.95	10.12	5.31	ppb
Silver	109-1	1.26	1.16	1.17	1.20	4.45	ppb
Silver	107-1	1.21	1.18	1.27	1.22	3.80	ppb
Sodium	23-2	533.64	520.12	523.86	525.87	1.33	ppb
Strontium	86-1	0.86	0.96	0.85	0.89	6.75	ppb
Strontium	88-1	0.96	0.94	0.96	0.96	1.13	ppb
Sulfur	34-1	424.52	385.43	385.35	398.43	5.67	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.93	0.99	0.96	0.96	3.00	ppb
Thallium	205-1	0.96	0.97	1.02	0.98	2.98	ppb
Thorium	232-1	0.83	0.81	0.80	0.81	1.73	ppb
Tin	118-1	5.75	5.63	5.74	5.71	1.17	ppb
Titanium	47-1	5.00	4.88	4.74	4.87	2.71	ppb
Uranium	238-1	0.82	0.78	0.79	0.80	2.39	ppb
Vanadium	51-2	5.39	5.11	5.27	5.26	2.75	ppb
Yttrium	89-1				118		%
Yttrium	89-2				118		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.26	2.55	2.68	2.50	8.55	ppb
Zirconium	90-1	0.93	0.95	0.87	0.92	4.87	ppb
Zirconium	91-1	0.94	0.88	0.91	0.91	3.65	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:47:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.29	-0.96	-0.56		ppb
Antimony	121-1	0.03	0.04	0.05	0.04	22.77	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	21.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	6.57	6.83	5.73	6.38	9.00	ppb
Boron	11-1	6.86	6.80	6.76	6.81	0.69	ppb
Cadmium	111-1	0.10	0.00	0.02	0.04	124.43	ppb
Cadmium	106-1	1.45	-0.15	0.44	0.58	139.11	ppb
Cadmium	108-1	0.04	0.01	0.01	0.02	74.77	ppb
Calcium	43-1	-1.90	-2.71	1.33	-1.09		ppb
Calcium	44-1	0.03	-1.28	-1.46	-0.90		ppb
Chromium	52-2	-0.03	0.00	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.01	0.01	0.00	817.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	-1.00	-1.07	-1.11	-1.06		ppb
Iron	57-2	-1.64	-1.36	-1.05	-1.35		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.02	0.01	78.44	ppb
Lead	207-1	-0.01	0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.02	0.02	0.02	8.02	ppb
Lithium	6-1				115		%
Magnesium	24-2	-2.14	-2.39	-2.59	-2.37		ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:47:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.05	0.01	-0.01	0.01	212.54	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	20.47	ppb
Molybdenum	96-1	-0.01	0.01	0.02	0.01	146.22	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.03	45.72	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	42.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.07	-0.06		ppb
Phosphorus	31-2	-10.10	-7.36	-25.15	-14.20		ppb
Potassium	39-2	9.04	10.73	12.47	10.75	15.98	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				122		%
Scandium	45-2				120		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.99	0.17	0.63	0.60	68.41	ppb
Selenium	82-1	0.16	0.75	0.54	0.48	61.99	ppb
Silicon	28-1	0.98	0.83	0.90	0.91	8.34	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	58.45	ppb
Sodium	23-2	10.41	9.24	8.49	9.38	10.32	ppb
Strontium	86-1	-0.06	0.00	-0.05	-0.04		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	446.27	413.93	310.61	390.27	18.16	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.98	ppb
Thorium	232-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.05	0.05	0.04	0.05	15.06	ppb
Titanium	47-1	0.00	0.00	-0.03	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:47:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.25	-0.08	-0.13		ppb
Zirconium	90-1	0.00	0.04	0.01	0.02	140.26	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	98.49	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:51:22 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.13	23.95	18.87	20.32	15.60	ppb
Antimony	121-1	1.96	2.09	2.07	2.04	3.60	ppb
Arsenic	75-2	1.17	0.94	1.08	1.06	10.64	ppb
Barium	135-1	10.78	10.48	10.44	10.57	1.75	ppb
Barium	137-1	10.48	10.35	10.21	10.35	1.28	ppb
Beryllium	9-1	1.09	1.06	1.01	1.05	3.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	25.63	29.99	29.23	28.28	8.24	ppb
Boron	11-1	28.50	27.99	29.23	28.57	2.18	ppb
Cadmium	111-1	1.16	1.14	1.11	1.13	2.28	ppb
Cadmium	106-1	1.47	1.25	0.79	1.17	29.73	ppb
Cadmium	108-1	1.08	1.02	1.35	1.15	15.13	ppb
Calcium	43-1	491.66	481.68	480.97	484.77	1.23	ppb
Calcium	44-1	489.42	495.27	498.02	494.24	0.89	ppb
Chromium	52-2	2.01	2.04	2.14	2.06	3.44	ppb
Cobalt	59-2	1.07	1.05	1.06	1.06	1.27	ppb
Copper	63-2	2.06	2.03	2.19	2.09	4.13	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				110		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	55.38	55.58	55.39	55.45	0.20	ppb
Iron	57-2	50.99	58.61	53.76	54.45	7.09	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.92	0.93	0.91	2.47	ppb
Lead	207-1	0.81	0.84	0.90	0.85	4.96	ppb
Lead	208-1	0.86	0.88	0.89	0.87	1.92	ppb
Lithium	6-1				116		%
Magnesium	24-2	543.22	534.02	535.67	537.64	0.91	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:51:22	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.07	1.09	1.08	1.28	ppb
Molybdenum	94-1	4.88	4.81	4.99	4.89	1.93	ppb
Molybdenum	95-1	5.03	4.95	4.82	4.93	2.22	ppb
Molybdenum	96-1	4.78	4.90	5.09	4.92	3.15	ppb
Molybdenum	97-1	5.09	4.93	4.79	4.93	3.05	ppb
Molybdenum	98-1	4.88	4.91	4.94	4.91	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.94	0.99	1.03	10.65	ppb
Phosphorus	31-2	16.37	28.21	42.38	28.99	44.93	ppb
Potassium	39-2	516.09	511.68	508.85	512.21	0.71	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	77-2	7.13	6.42	6.41	6.65	6.23	ppb
Selenium	78-2	5.49	4.68	5.49	5.22	8.93	ppb
Selenium	82-1	6.12	5.74	5.73	5.86	3.85	ppb
Silicon	28-1	10.70	10.56	9.98	10.41	3.65	ppb
Silver	109-1	1.18	1.25	1.15	1.19	4.37	ppb
Silver	107-1	1.23	1.21	1.20	1.21	1.14	ppb
Sodium	23-2	523.60	523.00	516.32	520.97	0.78	ppb
Strontium	86-1	0.99	0.95	0.83	0.92	8.79	ppb
Strontium	88-1	0.96	0.99	0.92	0.96	3.23	ppb
Sulfur	34-1	468.92	576.61	552.10	532.55	10.60	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.97	0.88	0.96	0.94	4.85	ppb
Thallium	205-1	0.96	0.99	0.94	0.96	2.83	ppb
Thorium	232-1	0.80	0.80	0.79	0.80	0.28	ppb
Tin	118-1	5.55	5.61	5.68	5.61	1.18	ppb
Titanium	47-1	4.84	5.25	4.92	5.00	4.36	ppb
Uranium	238-1	0.79	0.81	0.81	0.80	1.52	ppb
Vanadium	51-2	5.28	5.38	5.20	5.28	1.66	ppb
Yttrium	89-1				117		%
Yttrium	89-2				117		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:51:22	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.67	1.94	1.88	1.83	7.75	ppb
Zirconium	90-1	0.88	0.86	0.92	0.89	3.55	ppb
Zirconium	91-1	0.76	0.94	0.88	0.86	11.09	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.33	1.70	1.31	1.78	28.96	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	21.88	ppb
Arsenic	75-2	0.34	0.21	0.30	0.28	22.66	ppb
Barium	135-1	3.91	3.97	3.80	3.89	2.10	ppb
Barium	137-1	3.99	4.18	3.94	4.04	3.14	ppb
Beryllium	9-1	-0.01	0.01	-0.02	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	39.51	39.72	40.51	39.91	1.32	ppb
Boron	11-1	40.74	42.40	42.89	42.01	2.69	ppb
Cadmium	111-1	0.03	-0.07	0.00	-0.01		ppb
Cadmium	106-1	0.50	-1.06	-0.17	-0.24		ppb
Cadmium	108-1	0.09	0.07	0.04	0.07	41.64	ppb
Calcium	43-1	638.74	653.82	650.65	647.74	1.23	ppb
Calcium	44-1	629.88	637.24	619.68	628.93	1.40	ppb
Chromium	52-2	0.08	0.14	0.12	0.11	28.97	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	2225.62	ppb
Copper	63-2	0.48	0.53	0.48	0.50	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	27.75	28.06	29.12	28.31	2.53	ppb
Iron	57-2	25.87	28.38	23.86	26.03	8.70	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.17	0.20	13.65	ppb
Lead	207-1	0.23	0.19	0.16	0.19	15.52	ppb
Lead	208-1	0.22	0.20	0.17	0.20	12.34	ppb
Lithium	6-1				115		%
Magnesium	24-2	1837.43	1837.01	1853.78	1842.74	0.52	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.47	1.48	1.48	1.48	0.38	ppb
Molybdenum	94-1	0.50	0.51	0.43	0.48	8.92	ppb
Molybdenum	95-1	0.62	0.62	0.54	0.59	7.77	ppb
Molybdenum	96-1	0.55	0.59	0.54	0.56	4.57	ppb
Molybdenum	97-1	0.59	0.63	0.63	0.62	4.06	ppb
Molybdenum	98-1	0.61	0.56	0.62	0.60	5.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.03	-0.01		ppb
Phosphorus	31-2	7.17	10.48	-7.22	3.48	270.61	ppb
Potassium	39-2	1696.42	1702.74	1722.12	1707.09	0.78	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				122		%
Scandium	45-2				120		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.74	-0.06	-0.06	0.21	221.02	ppb
Selenium	82-1	0.65	0.78	0.99	0.81	21.10	ppb
Silicon	28-1	129.18	129.56	128.96	129.23	0.23	ppb
Silver	109-1	0.00	0.00	0.01	0.00	339.99	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	30061.66	30167.22	30564.02	30264.30	0.88	ppb
Strontium	86-1	13.54	13.15	13.17	13.29	1.66	ppb
Strontium	88-1	13.49	13.19	13.31	13.33	1.11	ppb
Sulfur	34-1	2381.89	2235.44	2398.87	2338.73	3.84	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.88	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	8.01	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.06	0.05	0.06	0.06	12.83	ppb
Titanium	47-1	0.06	-0.02	0.02	0.02	227.19	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	22.95	ppb
Vanadium	51-2	0.20	0.24	0.24	0.23	11.92	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.83	4.99	4.65	4.82	3.55	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	24.12	ppb
Zirconium	91-1	0.01	0.00	0.04	0.02	119.70	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.29	5.45	6.30	6.01	8.13	ppb
Antimony	121-1	0.01	0.03	0.03	0.03	43.30	ppb
Arsenic	75-2	0.05	0.03	0.04	0.04	32.41	ppb
Barium	135-1	13.23	12.54	13.01	12.93	2.74	ppb
Barium	137-1	13.19	12.89	12.67	12.92	2.05	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	57.02	56.66	57.77	57.15	0.99	ppb
Boron	11-1	59.43	59.23	61.56	60.08	2.15	ppb
Cadmium	111-1	0.07	0.06	0.01	0.05	73.13	ppb
Cadmium	106-1	0.93	0.92	-0.05	0.60	93.21	ppb
Cadmium	108-1	0.01	0.04	0.04	0.03	52.32	ppb
Calcium	43-1	4352.59	4434.48	4344.39	4377.16	1.14	ppb
Calcium	44-1	4323.28	4333.53	4326.22	4327.68	0.12	ppb
Chromium	52-2	0.11	0.12	0.13	0.12	7.17	ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	189.53	ppb
Copper	63-2	0.96	0.93	0.98	0.95	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	124.62	124.77	125.45	124.94	0.35	ppb
Iron	57-2	129.99	140.06	132.64	134.23	3.89	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.23	0.22	5.27	ppb
Lead	207-1	0.22	0.21	0.22	0.22	2.78	ppb
Lead	208-1	0.23	0.21	0.23	0.22	5.12	ppb
Lithium	6-1				115		%
Magnesium	24-2	7095.18	6931.51	7100.81	7042.50	1.37	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.92	11.02	10.74	10.89	1.28	ppb
Molybdenum	94-1	0.04	0.07	0.07	0.06	33.17	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	254.89	ppb
Molybdenum	96-1	0.02	-0.01	-0.02	0.00		ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.02	-0.01	0.02	296.55	ppb
Phosphorus	31-2	23.01	22.68	23.03	22.91	0.86	ppb
Potassium	39-2	3630.33	3604.72	3588.09	3607.71	0.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				121		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.07	0.18	0.30	0.18	64.23	ppb
Selenium	82-1	1.25	0.74	1.78	1.26	41.41	ppb
Silicon	28-1	402.84	405.38	404.25	404.16	0.31	ppb
Silver	109-1	0.01	0.01	0.02	0.01	46.31	ppb
Silver	107-1	0.00	0.01	0.00	0.00	166.04	ppb
Sodium	23-2	74769.61	73200.59	74024.69	73998.29	1.06	ppb
Strontium	86-1	95.19	94.37	95.31	94.96	0.54	ppb
Strontium	88-1	93.12	92.39	92.48	92.66	0.43	ppb
Sulfur	34-1	519.64	557.18	439.02	505.28	11.95	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.01	0.02	0.02	34.51	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	11.53	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.04	0.05	0.05	0.05	22.27	ppb
Titanium	47-1	0.37	0.36	0.42	0.38	9.27	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	0.18	0.17	0.18	0.18	3.17	ppb
Yttrium	89-1				115		%
Yttrium	89-2				115		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.76	1.68	1.58	1.67	5.26	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	6.02	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	35.49	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.53	29.21	30.65	29.80	2.55	ppb
Antimony	121-1	0.19	0.17	0.20	0.19	8.12	ppb
Arsenic	75-2	10.85	10.79	10.50	10.72	1.74	ppb
Barium	135-1	16.41	16.53	16.58	16.50	0.54	ppb
Barium	137-1	16.58	16.18	16.53	16.43	1.33	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	10-1	51.12	52.85	53.22	52.40	2.14	ppb
Boron	11-1	53.30	52.85	54.94	53.70	2.05	ppb
Cadmium	111-1	0.02	0.00	0.04	0.02	111.74	ppb
Cadmium	106-1	-0.18	-0.30	-0.09	-0.19		ppb
Cadmium	108-1	0.15	0.25	0.11	0.17	43.23	ppb
Calcium	43-1	108841.96	107782.54	106872.72	107832.40	0.91	ppb
Calcium	44-1	110011.02	110391.23	109652.16	110018.14	0.34	ppb
Chromium	52-2	0.09	0.07	0.07	0.08	15.62	ppb
Cobalt	59-2	0.06	0.09	0.07	0.07	16.98	ppb
Copper	63-2	5.92	5.93	5.83	5.89	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				111		%
Indium	115-1				121		%
Indium	115-2				112		%
Iron	56-2	249.19	246.12	250.07	248.46	0.83	ppb
Iron	57-2	511.39	508.45	522.38	514.07	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.95	0.92	0.93	1.88	ppb
Lead	207-1	0.90	0.88	0.91	0.90	2.16	ppb
Lead	208-1	0.90	0.92	0.89	0.90	1.43	ppb
Lithium	6-1				121		%
Magnesium	24-2	22860.64	22647.63	22749.97	22752.75	0.47	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1107.74	1097.20	1104.55	1103.16	0.49	ppb
Molybdenum	94-1	2.47	2.72	2.67	2.62	5.08	ppb
Molybdenum	95-1	3.58	3.61	3.74	3.64	2.40	ppb
Molybdenum	96-1	3.64	3.57	3.61	3.61	0.98	ppb
Molybdenum	97-1	3.74	3.63	3.62	3.66	1.89	ppb
Molybdenum	98-1	3.67	3.72	3.62	3.67	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.38	0.43	0.41	5.84	ppb
Phosphorus	31-2	76.67	68.38	44.82	63.29	26.11	ppb
Potassium	39-2	5065.00	5040.04	5061.41	5055.48	0.27	ppb
Rhodium	103-1				116		%
Rhodium	103-2				111		%
Scandium	45-1				130		%
Scandium	45-2				119		%
Selenium	77-2	1.43	1.44	2.17	1.68	25.15	ppb
Selenium	78-2	1.57	1.11	1.12	1.27	20.67	ppb
Selenium	82-1	2.12	1.26	0.62	1.33	56.16	ppb
Silicon	28-1	16385.01	16243.29	16104.82	16244.37	0.86	ppb
Silver	109-1	0.06	0.08	0.09	0.08	17.93	ppb
Silver	107-1	0.07	0.08	0.09	0.08	14.98	ppb
Sodium	23-2	47645.90	47421.02	47229.90	47432.27	0.44	ppb
Strontium	86-1	879.27	871.89	868.86	873.34	0.61	ppb
Strontium	88-1	895.68	886.35	889.73	890.59	0.53	ppb
Sulfur	34-1	99938.48	99763.83	98459.66	99387.33	0.81	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	0.05	0.06	0.03	0.05	37.25	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	8.02	ppb
Thorium	232-1	0.00	0.00	0.01	0.01	70.17	ppb
Tin	118-1	0.33	0.25	0.30	0.29	12.50	ppb
Titanium	47-1	3.22	3.43	3.22	3.29	3.68	ppb
Uranium	238-1	4.20	4.17	4.19	4.19	0.26	ppb
Vanadium	51-2	0.46	0.43	0.49	0.46	6.16	ppb
Yttrium	89-1				124		%
Yttrium	89-2				116		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.92	4.57	4.70	4.73	3.79	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	10.78	ppb
Zirconium	91-1	0.10	0.07	0.09	0.09	20.38	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	121.08	109.06	113.34	114.49	5.32	ppb
Antimony	121-1	0.37	0.38	0.42	0.39	7.38	ppb
Arsenic	75-2	11.81	12.40	11.68	11.96	3.20	ppb
Barium	135-1	23.57	23.44	23.72	23.58	0.60	ppb
Barium	137-1	23.83	23.95	23.89	23.89	0.26	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	102.53	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	50.99	53.21	51.70	51.97	2.18	ppb
Boron	11-1	51.30	53.81	53.79	52.96	2.72	ppb
Cadmium	111-1	-0.06	-0.11	-0.01	-0.06		ppb
Cadmium	106-1	-1.65	-2.66	-1.26	-1.86		ppb
Cadmium	108-1	0.26	0.31	0.03	0.20	73.89	ppb
Calcium	43-1	107311.89	106891.07	107022.07	107075.01	0.20	ppb
Calcium	44-1	109669.25	108965.27	109794.73	109476.42	0.41	ppb
Chromium	52-2	0.16	0.16	0.15	0.16	4.79	ppb
Cobalt	59-2	0.16	0.17	0.20	0.18	9.92	ppb
Copper	63-2	3.01	3.06	3.05	3.04	0.77	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				121		%
Holmium	165-2				110		%
Indium	115-1				119		%
Indium	115-2				110		%
Iron	56-2	396.28	403.96	399.49	399.91	0.96	ppb
Iron	57-2	652.11	679.48	657.46	663.02	2.19	ppb
Krypton	83-1						cps
Lead	206-1	2.24	2.27	2.25	2.25	0.68	ppb
Lead	207-1	2.19	2.19	2.16	2.18	0.83	ppb
Lead	208-1	2.21	2.20	2.22	2.21	0.43	ppb
Lithium	6-1				119		%
Magnesium	24-2	22659.96	22956.76	22816.44	22811.05	0.65	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	418.96	426.20	423.76	422.97	0.87	ppb
Molybdenum	94-1	6.62	6.40	6.52	6.51	1.66	ppb
Molybdenum	95-1	8.92	9.14	9.20	9.08	1.62	ppb
Molybdenum	96-1	8.78	8.60	8.64	8.67	1.15	ppb
Molybdenum	97-1	9.37	9.48	9.07	9.31	2.25	ppb
Molybdenum	98-1	9.13	9.06	9.16	9.12	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.84	0.81	0.79	8.58	ppb
Phosphorus	31-2	38.20	33.94	37.03	36.39	6.05	ppb
Potassium	39-2	4762.54	4878.77	4837.19	4826.17	1.22	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				128		%
Scandium	45-2				116		%
Selenium	77-2	1.45	1.48	1.47	1.47	1.23	ppb
Selenium	78-2	1.83	2.84	3.66	2.78	33.09	ppb
Selenium	82-1	1.54	1.56	2.69	1.93	34.07	ppb
Silicon	28-1	16301.54	16311.38	16235.96	16282.96	0.25	ppb
Silver	109-1	0.13	0.11	0.10	0.11	13.93	ppb
Silver	107-1	0.12	0.11	0.11	0.11	5.46	ppb
Sodium	23-2	45664.54	46577.52	45643.41	45961.82	1.16	ppb
Strontium	86-1	873.77	864.77	861.68	866.74	0.72	ppb
Strontium	88-1	886.82	887.32	887.61	887.25	0.05	ppb
Sulfur	34-1	101720.95	101159.72	102294.79	101725.16	0.56	ppb
Terbium	159-1				120		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.01	0.02	45.47	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	18.98	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.46	ppb
Tin	118-1	0.17	0.12	0.18	0.15	21.73	ppb
Titanium	47-1	10.08	10.70	10.64	10.47	3.27	ppb
Uranium	238-1	8.11	8.09	8.16	8.12	0.45	ppb
Vanadium	51-2	1.51	1.49	1.40	1.47	3.90	ppb
Yttrium	89-1				122		%
Yttrium	89-2				113		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.88	9.11	8.54	8.84	3.24	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	1.23	ppb
Zirconium	91-1	0.09	0.07	0.10	0.08	19.73	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	195.32	204.81	204.11	201.41	2.62	ppb
Antimony	121-1	0.31	0.29	0.28	0.29	4.76	ppb
Arsenic	75-2	17.21	17.39	17.53	17.38	0.92	ppb
Barium	135-1	48.15	48.72	47.97	48.28	0.81	ppb
Barium	137-1	48.45	47.70	48.09	48.08	0.78	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	21.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	44.92	45.06	44.16	44.71	1.08	ppb
Boron	11-1	44.68	46.48	45.90	45.69	2.02	ppb
Cadmium	111-1	-0.01	-0.04	0.08	0.01	542.93	ppb
Cadmium	106-1	-0.79	-1.34	0.37	-0.59		ppb
Cadmium	108-1	0.11	0.06	0.04	0.07	56.28	ppb
Calcium	43-1	107873.55	107927.41	107235.09	107678.68	0.36	ppb
Calcium	44-1	109980.41	110324.75	109253.57	109852.91	0.50	ppb
Chromium	52-2	0.28	0.26	0.34	0.29	12.99	ppb
Cobalt	59-2	0.79	0.77	0.84	0.80	4.59	ppb
Copper	63-2	2.84	3.03	3.19	3.02	5.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	853.44	864.35	869.42	862.40	0.95	ppb
Iron	57-2	1176.30	1133.74	1127.82	1145.96	2.31	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.11	1.05	1.08	3.23	ppb
Lead	207-1	1.01	1.07	1.08	1.05	3.66	ppb
Lead	208-1	1.07	1.08	1.06	1.07	0.89	ppb
Lithium	6-1				113		%
Magnesium	24-2	21942.74	22506.08	22350.58	22266.47	1.31	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6033.62	6099.47	6096.55	6076.55	0.61	ppb
Molybdenum	94-1	0.78	0.91	0.86	0.85	7.23	ppb
Molybdenum	95-1	0.87	0.86	0.82	0.85	3.07	ppb
Molybdenum	96-1	0.77	0.82	0.84	0.81	4.80	ppb
Molybdenum	97-1	0.78	0.89	0.80	0.82	7.33	ppb
Molybdenum	98-1	0.77	0.85	0.78	0.80	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.65	2.88	2.66	2.73	4.66	ppb
Phosphorus	31-2	61.61	67.15	64.85	64.54	4.31	ppb
Potassium	39-2	4867.25	4961.01	4947.55	4925.27	1.03	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				119		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.77	0.26	173.21	ppb
Selenium	78-2	0.58	0.97	0.22	0.59	63.89	ppb
Selenium	82-1	0.93	0.99	0.75	0.89	13.92	ppb
Silicon	28-1	16450.90	16513.24	16480.83	16481.66	0.19	ppb
Silver	109-1	0.13	0.13	0.14	0.13	6.36	ppb
Silver	107-1	0.10	0.11	0.12	0.11	10.06	ppb
Sodium	23-2	36683.18	37427.53	37147.42	37086.04	1.01	ppb
Strontium	86-1	931.60	929.62	924.63	928.62	0.39	ppb
Strontium	88-1	945.83	945.76	941.94	944.51	0.24	ppb
Sulfur	34-1	109806.20	109915.96	109707.02	109809.72	0.10	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.02	0.01	40.15	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	19.35	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	7.58	ppb
Tin	118-1	0.20	0.16	0.21	0.19	14.45	ppb
Titanium	47-1	18.50	18.53	18.27	18.43	0.76	ppb
Uranium	238-1	1.58	1.57	1.58	1.58	0.56	ppb
Vanadium	51-2	0.82	0.75	0.89	0.82	8.19	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.23	17.83	18.37	17.81	3.20	ppb
Zirconium	90-1	0.17	0.18	0.19	0.18	3.61	ppb
Zirconium	91-1	0.21	0.18	0.16	0.18	13.79	ppb

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : K5170-22 Instrumnet Name : P7
 Client Sample ID : MH0GA6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 14:12:49 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	126.10	122.71	125.95	124.92	1.53	ppb
Antimony	121-1	0.20	0.18	0.22	0.20	9.34	ppb
Arsenic	75-2	8.31	7.99	7.87	8.06	2.80	ppb
Barium	135-1	30.24	29.68	29.19	29.71	1.77	ppb
Barium	137-1	29.43	29.57	29.94	29.65	0.90	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	4.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	54.92	55.73	56.93	55.86	1.82	ppb
Boron	11-1	56.27	58.21	58.28	57.59	1.98	ppb
Cadmium	111-1	-0.04	-0.09	0.03	-0.04		ppb
Cadmium	106-1	-1.03	-2.01	0.24	-0.93		ppb
Cadmium	108-1	0.14	0.09	0.12	0.12	22.18	ppb
Calcium	43-1	191278.40	189588.36	191910.03	190925.59	0.63	ppb
Calcium	44-1	196295.66	196138.65	196686.22	196373.51	0.14	ppb
Chromium	52-2	0.18	0.14	0.10	0.14	27.23	ppb
Cobalt	59-2	2.16	2.17	2.22	2.19	1.49	ppb
Copper	63-2	2.02	1.97	2.09	2.03	2.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	526.98	530.74	531.37	529.70	0.45	ppb
Iron	57-2	982.10	987.33	990.37	986.60	0.42	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.07	1.08	1.07	1.10	ppb
Lead	207-1	1.01	1.01	1.02	1.02	0.62	ppb
Lead	208-1	1.04	1.03	1.03	1.03	0.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	42264.67	42241.13	42085.12	42196.98	0.23	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-22	Instrumnet Name :	P7
Client Sample ID :	MH0GA6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12488.09	12511.81	12458.50	12486.13	0.21	ppb
Molybdenum	94-1	5.10	4.94	5.14	5.06	2.15	ppb
Molybdenum	95-1	6.79	6.98	6.78	6.85	1.64	ppb
Molybdenum	96-1	6.78	6.58	6.33	6.56	3.41	ppb
Molybdenum	97-1	7.04	6.78	6.70	6.84	2.54	ppb
Molybdenum	98-1	6.94	6.99	7.10	7.01	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.07	10.46	10.43	10.32	2.08	ppb
Phosphorus	31-2	26.25	19.66	19.86	21.92	17.09	ppb
Potassium	39-2	7167.34	7199.19	7161.99	7176.17	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.16	0.38	-0.01	0.51	117.30	ppb
Selenium	82-1	0.61	0.60	0.89	0.70	23.59	ppb
Silicon	28-1	19349.48	19251.26	19366.06	19322.26	0.32	ppb
Silver	109-1	0.12	0.10	0.13	0.12	13.01	ppb
Silver	107-1	0.10	0.12	0.10	0.11	10.83	ppb
Sodium	23-2	56491.35	55900.05	55992.13	56127.84	0.57	ppb
Strontium	86-1	1682.13	1679.79	1657.22	1673.05	0.82	ppb
Strontium	88-1	1732.61	1732.27	1728.54	1731.14	0.13	ppb
Sulfur	34-1	212777.62	212361.76	213908.81	213016.06	0.38	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.02	0.02	21.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.42	ppb
Thorium	232-1	0.09	0.08	0.08	0.08	6.08	ppb
Tin	118-1	0.18	0.19	0.20	0.19	7.08	ppb
Titanium	47-1	10.01	9.23	9.80	9.68	4.17	ppb
Uranium	238-1	1.58	1.59	1.56	1.57	1.00	ppb
Vanadium	51-2	0.33	0.36	0.31	0.34	7.46	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-22	Instrumnet Name :	P7
Client Sample ID :	MH0GA6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.20	27.94	27.72	27.95	0.86	ppb
Zirconium	90-1	0.17	0.14	0.14	0.15	12.66	ppb
Zirconium	91-1	0.16	0.13	0.15	0.15	9.62	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.45	28.72	25.35	26.17	8.59	ppb
Antimony	121-1	0.21	0.21	0.22	0.21	3.92	ppb
Arsenic	75-2	10.51	10.35	10.54	10.46	1.00	ppb
Barium	135-1	16.53	17.34	15.57	16.48	5.38	ppb
Barium	137-1	15.93	15.94	16.33	16.07	1.42	ppb
Beryllium	9-1	0.00	-0.02	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	50.70	55.15	54.94	53.60	4.69	ppb
Boron	11-1	51.56	54.68	54.76	53.67	3.40	ppb
Cadmium	111-1	-0.11	-0.07	-0.05	-0.08		ppb
Cadmium	106-1	-2.31	-1.52	-1.18	-1.67		ppb
Cadmium	108-1	-0.02	0.01	0.06	0.02	243.65	ppb
Calcium	43-1	107942.73	108324.65	107281.81	107849.73	0.49	ppb
Calcium	44-1	109270.78	110478.46	110274.15	110007.80	0.59	ppb
Chromium	52-2	0.11	0.00	0.07	0.06	90.61	ppb
Cobalt	59-2	0.09	0.09	0.08	0.09	10.42	ppb
Copper	63-2	5.99	6.17	6.30	6.16	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	248.80	245.38	251.46	248.55	1.22	ppb
Iron	57-2	510.73	505.31	491.44	502.49	1.98	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.88	0.92	0.90	2.04	ppb
Lead	207-1	0.86	0.88	0.82	0.85	3.88	ppb
Lead	208-1	0.90	0.89	0.89	0.89	0.25	ppb
Lithium	6-1				110		%
Magnesium	24-2	22837.56	22621.19	22902.14	22786.97	0.65	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1115.35	1101.70	1116.74	1111.26	0.75	ppb
Molybdenum	94-1	2.64	2.62	2.43	2.56	4.45	ppb
Molybdenum	95-1	3.69	3.61	3.64	3.65	1.21	ppb
Molybdenum	96-1	3.50	3.54	3.58	3.54	1.21	ppb
Molybdenum	97-1	3.64	3.79	3.49	3.64	4.07	ppb
Molybdenum	98-1	3.59	3.66	3.66	3.64	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.39	0.54	0.47	16.00	ppb
Phosphorus	31-2	43.83	47.25	34.71	41.93	15.45	ppb
Potassium	39-2	4993.29	4977.12	5007.95	4992.79	0.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				116		%
Scandium	45-2				104		%
Selenium	77-2	1.60	0.80	0.80	1.07	43.13	ppb
Selenium	78-2	0.63	1.42	0.64	0.90	50.31	ppb
Selenium	82-1	1.24	1.15	1.14	1.18	4.50	ppb
Silicon	28-1	16071.90	16094.01	15994.12	16053.34	0.33	ppb
Silver	109-1	0.05	0.07	0.05	0.06	14.25	ppb
Silver	107-1	0.06	0.05	0.05	0.05	15.21	ppb
Sodium	23-2	47927.02	47261.50	48198.80	47795.77	1.01	ppb
Strontium	86-1	876.71	872.45	870.37	873.17	0.37	ppb
Strontium	88-1	894.75	898.64	899.79	897.73	0.29	ppb
Sulfur	34-1	99272.99	99091.43	98744.85	99036.43	0.27	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2202.67	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	28.55	ppb
Tin	118-1	0.27	0.28	0.19	0.25	18.85	ppb
Titanium	47-1	4.27	3.34	3.08	3.56	17.69	ppb
Uranium	238-1	4.08	4.15	4.12	4.12	0.83	ppb
Vanadium	51-2	0.58	0.49	0.49	0.52	9.62	ppb
Yttrium	89-1				114		%
Yttrium	89-2				104		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.74	4.94	4.99	4.89	2.73	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	13.30	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	33.90	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	117.83	113.66	106.58	112.69	5.04	ppb
Antimony	121-1	0.40	0.40	0.37	0.39	4.19	ppb
Arsenic	75-2	11.29	10.80	11.35	11.15	2.72	ppb
Barium	135-1	23.79	23.44	22.89	23.38	1.95	ppb
Barium	137-1	23.76	23.38	23.78	23.64	0.95	ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	393.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	51.39	52.47	53.60	52.49	2.10	ppb
Boron	11-1	53.33	53.40	52.42	53.05	1.03	ppb
Cadmium	111-1	-0.05	-0.11	-0.12	-0.09		ppb
Cadmium	106-1	-1.33	-2.21	-2.21	-1.92		ppb
Cadmium	108-1	0.12	0.14	0.12	0.13	12.01	ppb
Calcium	43-1	107639.82	108571.63	107427.13	107879.53	0.56	ppb
Calcium	44-1	110063.16	110324.84	110570.22	110319.41	0.23	ppb
Chromium	52-2	0.12	0.17	0.14	0.14	16.05	ppb
Cobalt	59-2	0.21	0.21	0.21	0.21	0.99	ppb
Copper	63-2	3.00	2.97	3.08	3.02	1.92	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				113		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	397.10	397.60	397.45	397.38	0.06	ppb
Iron	57-2	652.43	646.78	666.67	655.29	1.56	ppb
Krypton	83-1						cps
Lead	206-1	2.30	2.32	2.21	2.28	2.58	ppb
Lead	207-1	2.20	2.16	2.18	2.18	1.09	ppb
Lead	208-1	2.22	2.20	2.17	2.20	1.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	22720.10	22541.24	22823.72	22695.02	0.63	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	419.61	417.92	419.15	418.90	0.21	ppb
Molybdenum	94-1	6.49	6.57	6.54	6.53	0.64	ppb
Molybdenum	95-1	9.11	9.31	9.35	9.25	1.40	ppb
Molybdenum	96-1	8.75	8.94	8.61	8.76	1.88	ppb
Molybdenum	97-1	9.67	9.28	9.17	9.37	2.81	ppb
Molybdenum	98-1	9.11	9.46	9.07	9.21	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.83	0.73	0.78	6.73	ppb
Phosphorus	31-2	35.02	45.90	17.95	32.95	42.75	ppb
Potassium	39-2	4728.05	4730.34	4719.53	4725.97	0.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	77-2	4.88	4.11	2.46	3.82	32.36	ppb
Selenium	78-2	2.23	2.13	1.99	2.12	5.75	ppb
Selenium	82-1	2.20	3.01	2.15	2.46	19.64	ppb
Silicon	28-1	15899.23	16259.81	16102.09	16087.04	1.12	ppb
Silver	109-1	0.09	0.08	0.09	0.09	5.41	ppb
Silver	107-1	0.08	0.11	0.09	0.09	16.36	ppb
Sodium	23-2	46141.11	45476.81	45798.96	45805.63	0.73	ppb
Strontium	86-1	869.62	873.84	874.36	872.61	0.30	ppb
Strontium	88-1	891.79	894.83	889.83	892.15	0.28	ppb
Sulfur	34-1	101343.90	103118.37	101734.33	102065.53	0.91	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	95.78	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.76	ppb
Tin	118-1	0.11	0.12	0.13	0.12	8.82	ppb
Titanium	47-1	10.93	10.88	10.53	10.78	2.02	ppb
Uranium	238-1	8.25	8.16	8.11	8.17	0.85	ppb
Vanadium	51-2	1.50	1.55	1.66	1.57	5.30	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.34	8.68	8.42	8.81	5.36	ppb
Zirconium	90-1	0.08	0.07	0.07	0.08	10.50	ppb
Zirconium	91-1	0.12	0.07	0.06	0.08	37.59	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50694.53	50071.15	49640.87	50135.51	1.06	ppb
Antimony	121-1	451.18	452.09	452.92	452.06	0.19	ppb
Arsenic	75-2	479.21	460.60	475.70	471.84	2.10	ppb
Barium	135-1	2339.22	2349.84	2357.04	2348.70	0.38	ppb
Barium	137-1	2407.43	2424.70	2436.31	2422.81	0.60	ppb
Beryllium	9-1	479.51	472.05	476.74	476.10	0.79	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	479.71	474.94	483.65	479.43	0.91	ppb
Boron	11-1	478.24	484.47	487.69	483.47	0.99	ppb
Cadmium	111-1	483.56	482.24	485.49	483.76	0.34	ppb
Cadmium	106-1	487.36	489.52	489.26	488.71	0.24	ppb
Cadmium	108-1	489.10	479.32	476.48	481.63	1.37	ppb
Calcium	43-1	236516.54	233531.73	235777.77	235275.35	0.66	ppb
Calcium	44-1	241146.63	239047.24	241895.20	240696.35	0.61	ppb
Chromium	52-2	506.44	495.28	493.22	498.31	1.43	ppb
Cobalt	59-2	482.67	474.51	476.60	477.93	0.89	ppb
Copper	63-2	998.59	983.46	983.38	988.48	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	124456.59	121406.11	121734.06	122532.25	1.37	ppb
Iron	57-2	122643.29	120276.03	120085.80	121001.71	1.18	ppb
Krypton	83-1						cps
Lead	206-1	457.37	454.60	455.41	455.79	0.31	ppb
Lead	207-1	450.65	444.47	445.89	447.00	0.72	ppb
Lead	208-1	460.23	455.36	456.96	457.52	0.54	ppb
Lithium	6-1				85		%
Magnesium	24-2	249824.40	246356.39	244388.25	246856.35	1.11	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	963.17	947.19	950.97	953.78	0.88	ppb
Molybdenum	94-1	2406.64	2400.37	2417.63	2408.21	0.36	ppb
Molybdenum	95-1	2418.53	2392.40	2410.73	2407.22	0.56	ppb
Molybdenum	96-1	2418.04	2403.06	2416.59	2412.57	0.34	ppb
Molybdenum	97-1	2309.43	2294.61	2310.35	2304.80	0.38	ppb
Molybdenum	98-1	2396.78	2393.22	2406.01	2398.67	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.46	475.21	474.75	478.47	1.27	ppb
Phosphorus	31-2	9962.28	9930.21	9736.05	9876.18	1.24	ppb
Potassium	39-2	124332.57	120847.27	121360.14	122180.00	1.54	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	77-2	545.17	518.99	529.10	531.08	2.49	ppb
Selenium	78-2	527.55	485.44	493.18	502.05	4.46	ppb
Selenium	82-1	497.33	491.83	491.84	493.67	0.64	ppb
Silicon	28-1	510.21	506.86	517.98	511.68	1.11	ppb
Silver	109-1	479.04	478.50	476.90	478.15	0.23	ppb
Silver	107-1	479.85	477.84	475.18	477.62	0.49	ppb
Sodium	23-2	252216.82	245989.03	245963.98	248056.61	1.45	ppb
Strontium	86-1	480.81	477.89	482.17	480.29	0.46	ppb
Strontium	88-1	483.80	481.13	483.14	482.69	0.29	ppb
Sulfur	34-1	10490.52	10016.38	10260.29	10255.73	2.31	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	486.91	485.15	485.80	485.95	0.18	ppb
Thallium	205-1	507.85	500.74	505.22	504.60	0.71	ppb
Thorium	232-1	483.53	479.23	483.07	481.94	0.49	ppb
Tin	118-1	490.59	481.24	486.74	486.19	0.97	ppb
Titanium	47-1	2415.66	2411.38	2413.29	2413.44	0.09	ppb
Uranium	238-1	475.17	470.78	473.06	473.01	0.46	ppb
Vanadium	51-2	501.07	486.45	486.67	491.40	1.71	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	980.59	967.88	968.39	972.29	0.74	ppb
Zirconium	90-1	467.55	463.65	467.59	466.26	0.48	ppb
Zirconium	91-1	488.76	480.65	481.71	483.71	0.91	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:27:09	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	0.52	0.35	1.00	98.62	ppb
Antimony	121-1	0.31	0.32	0.31	0.31	2.00	ppb
Arsenic	75-2	0.06	0.03	0.01	0.03	83.45	ppb
Barium	135-1	0.12	0.05	0.01	0.06	90.32	ppb
Barium	137-1	0.13	0.13	0.06	0.11	34.12	ppb
Beryllium	9-1	0.07	0.10	0.09	0.09	14.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	17.42	17.04	15.70	16.72	5.43	ppb
Boron	11-1	18.47	16.84	15.72	17.01	8.13	ppb
Cadmium	111-1	0.07	0.03	-0.01	0.03	152.87	ppb
Cadmium	106-1	0.14	-0.61	-1.01	-0.49		ppb
Cadmium	108-1	0.08	0.02	0.08	0.06	57.75	ppb
Calcium	43-1	16.01	16.95	7.67	13.54	37.72	ppb
Calcium	44-1	17.26	12.17	10.47	13.30	26.56	ppb
Chromium	52-2	0.01	0.03	0.05	0.03	58.72	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	46.19	ppb
Copper	63-2	0.48	0.45	0.44	0.46	3.76	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				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	2.93	2.50	3.03	2.82	9.97	ppb
Iron	57-2	1.98	2.36	1.62	1.99	18.63	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.06	0.07	28.28	ppb
Lead	207-1	0.09	0.06	0.07	0.07	19.00	ppb
Lead	208-1	0.09	0.06	0.06	0.07	19.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.35	2.69	4.12	3.72	24.22	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:27:09	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.06	0.07	0.07	13.22	ppb
Molybdenum	94-1	0.27	0.25	0.27	0.26	3.64	ppb
Molybdenum	95-1	0.40	0.28	0.29	0.32	20.87	ppb
Molybdenum	96-1	0.36	0.27	0.27	0.30	17.78	ppb
Molybdenum	97-1	0.32	0.24	0.21	0.26	22.70	ppb
Molybdenum	98-1	0.31	0.27	0.26	0.28	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.03	-0.05		ppb
Phosphorus	31-2	-9.18	-12.78	-5.45	-9.14		ppb
Potassium	39-2	26.42	23.10	19.49	23.00	15.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.12	-0.13	-0.08		ppb
Selenium	82-1	0.40	0.36	0.22	0.33	29.29	ppb
Silicon	28-1	2.99	3.13	3.00	3.04	2.51	ppb
Silver	109-1	0.05	0.06	0.04	0.05	13.03	ppb
Silver	107-1	0.05	0.03	0.05	0.04	29.11	ppb
Sodium	23-2	54.06	52.30	49.40	51.92	4.54	ppb
Strontium	86-1	0.06	-0.04	-0.03	0.00		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	15.75	ppb
Sulfur	34-1	1030.03	1082.19	1112.87	1075.03	3.90	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.12	0.11	0.10	0.11	11.60	ppb
Thallium	205-1	0.15	0.13	0.10	0.12	19.45	ppb
Thorium	232-1	0.08	0.08	0.07	0.08	8.35	ppb
Tin	118-1	0.19	0.19	0.18	0.19	2.84	ppb
Titanium	47-1	0.25	0.16	0.17	0.19	23.57	ppb
Uranium	238-1	0.02	0.02	0.00	0.01	70.15	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	345.69	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:27:09	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.07	-0.20	-0.08		ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	12.54	ppb
Zirconium	91-1	0.08	0.08	0.03	0.06	39.67	ppb

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	50	50	16.67	cps
Antimony	121-1	42	58	50	50	16.67	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	117	125	92	111	15.61	cps
Barium	137-1	92	125	58	92	36.36	cps
Beryllium	9-1	50	44	61	52	16.36	cps
Bismuth	209-1	8900541	8938094	8995973	8944869	0.54	cps
Bismuth	209-2	3910062	3974035	3946062	3943386	0.81	cps
Boron	10-1	417	458	442	439	4.78	cps
Boron	11-1	1909	1875	1934	1906	1.54	cps
Cadmium	111-1	1844	1726	1766	1779	3.39	cps
Cadmium	106-1	3676	3401	3517	3531	3.91	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	100	92	108	100	8.33	cps
Calcium	44-1	3017	3217	3501	3245	7.49	cps
Chromium	52-2	277	277	257	270	4.28	cps
Cobalt	59-2	50	43	37	43	15.38	cps
Copper	63-2	463	437	527	476	9.72	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	23	17	27	22	22.91	cps
Erbium	164-1	75	25	100	67	57.29	cps
Erbium	164-2	70	50	43	54	25.49	cps
Gadolinium	160-1	50	92	75	72	29.04	cps
Gadolinium	160-2	147	140	173	153	11.51	cps
Holmium	165-1	12565810	12676862	12611220	12617964	0.44	cps
Holmium	165-2	5156617	5191641	5165265	5171174	0.35	cps
Indium	115-1	7691012	7678226	7628851	7666030	0.43	cps
Indium	115-2	1109957	1122905	1122342	1118401	0.65	cps
Iron	56-2	3217	3095	3256	3189	2.64	cps
Iron	57-2	94	128	56	93	39.04	cps
Krypton	83-1	553	580	557	563	2.58	cps
Lead	206-1	895	794	789	826	7.19	cps
Lead	207-1	906	800	706	804	12.45	cps
Lead	208-1	2984	2772	2622	2793	6.50	cps
Lithium	6-1	2874660	2870049	2872388	2872366	0.08	cps
Magnesium	24-2	725	650	667	681	5.79	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	53	33	47	24.75	cps
Molybdenum	94-1	300	275	208	261	18.15	cps
Molybdenum	95-1	125	50	117	97	42.28	cps
Molybdenum	96-1	183	167	133	161	15.80	cps
Molybdenum	97-1	108	75	67	83	26.46	cps
Molybdenum	98-1	200	217	192	203	6.28	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	70	77	73	73	4.55	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	4401	4826	4451	4559	5.10	cps
Rhodium	103-1	6564738	6595294	6584942	6581658	0.24	cps
Rhodium	103-2	2869499	2906584	2879868	2885317	0.66	cps
Scandium	45-1	4071037	4047741	4078331	4065703	0.39	cps
Scandium	45-2	156789	158651	158396	157945	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	3	-15	-52	-21	-134.31	cps
Silicon	28-1	45553	46373	45094	45673	1.42	cps
Silver	109-1	75	83	75	78	6.19	cps
Silver	107-1	142	158	150	150	5.56	cps
Sodium	23-2	4634	4176	4192	4334	6.00	cps
Strontium	86-1	1075	983	917	992	8.02	cps
Strontium	88-1	192	150	167	169	12.38	cps
Sulfur	34-1	239637	239332	241264	240078	0.43	cps
Terbium	159-1	12581910	12663991	12510435	12585445	0.61	cps
Terbium	159-2	4946433	4983934	4962266	4964211	0.38	cps
Thallium	203-1	758	858	742	786	8.03	cps
Thallium	205-1	975	1075	958	1003	6.29	cps
Thorium	232-1	2328	2178	2306	2271	3.57	cps
Tin	118-1	467	475	500	481	3.61	cps
Titanium	47-1	92	75	67	78	16.37	cps
Uranium	238-1	2867	2709	2925	2834	3.96	cps
Vanadium	51-2	3	23	13	13	75.02	cps
Yttrium	89-1	7278082	7307594	7255354	7280343	0.36	cps
Yttrium	89-2	804173	813329	809599	809034	0.57	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:12:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210	210	237	219	7.03	cps
Zirconium	90-1	525	525	600	550	7.87	cps
Zirconium	91-1	117	125	167	136	19.68	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	167	75	144	42.53	cps
Antimony	121-1	1142	1392	1333	1289	10.15	cps
Arsenic	75-2	15	17	9	14	28.39	cps
Barium	135-1	1809	1533	1408	1583	12.92	cps
Barium	137-1	2917	2667	2750	2778	4.58	cps
Beryllium	9-1	156	144	156	152	4.22	cps
Bismuth	209-1	8560158	8616484	8635128	8603923	0.45	cps
Bismuth	209-2	3945447	3889305	3965220	3933324	1.00	cps
Boron	10-1	1050	1058	1108	1072	2.94	cps
Boron	11-1	5309	4893	5318	5173	4.70	cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Cadmium	106-1	4126	3459	3609	3731	9.38	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Calcium	43-1	1008	950	958	972	3.25	cps
Calcium	44-1	16835	17161	17836	17277	2.96	cps
Chromium	52-2	580	520	573	558	5.90	cps
Cobalt	59-2	247	217	270	244	10.94	cps
Copper	63-2	810	823	857	830	2.90	cps
Dysprosium	156-1	50	8	33	31	68.64	cps
Dysprosium	156-2	20	23	27	23	14.29	cps
Erbium	164-1	92	42	58	64	39.85	cps
Erbium	164-2	63	60	70	64	7.90	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	110	113	103	109	4.68	cps
Holmium	165-1	12179801	12193681	12164975	12179486	0.12	cps
Holmium	165-2	4940849	4900809	5017538	4953065	1.20	cps
Indium	115-1	7464128	7434458	7457947	7452178	0.21	cps
Indium	115-2	1118079	1116953	1125937	1120323	0.44	cps
Iron	56-2	8008	8002	8069	8026	0.46	cps
Iron	57-2	228	189	200	206	9.75	cps
Krypton	83-1	530	550	580	553	4.55	cps
Lead	206-1	1461	1311	1339	1370	5.82	cps
Lead	207-1	1417	1317	1306	1346	4.54	cps
Lead	208-1	5556	5089	5245	5297	4.49	cps
Lithium	6-1	2860256	2881894	2836204	2859451	0.80	cps
Magnesium	24-2	7511	7002	7119	7210	3.69	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	130	113	124	7.73	cps
Molybdenum	94-1	1275	1417	1392	1361	5.56	cps
Molybdenum	95-1	1275	1533	1542	1450	10.46	cps
Molybdenum	96-1	1600	1700	1567	1622	4.28	cps
Molybdenum	97-1	908	958	975	947	3.66	cps
Molybdenum	98-1	2325	2584	2359	2423	5.80	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	147	127	153	142	9.76	cps
Phosphorus	31-2	50	25	58	44	39.04	cps
Potassium	39-2	9212	8586	9178	8992	3.91	cps
Rhodium	103-1	6373044	6386564	6421437	6393682	0.39	cps
Rhodium	103-2	2886969	2857513	2885315	2876599	0.58	cps
Scandium	45-1	4087583	4090442	4061956	4079994	0.38	cps
Scandium	45-2	159471	158305	159494	159090	0.43	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	15	26	11	17	44.63	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Silicon	28-1	48103	48538	49173	48605	1.11	cps
Silver	109-1	800	975	958	911	10.60	cps
Silver	107-1	975	1000	967	981	1.77	cps
Sodium	23-2	17060	15784	17619	16821	5.59	cps
Strontium	86-1	1067	1092	1142	1100	3.47	cps
Strontium	88-1	1850	1642	1675	1722	6.50	cps
Sulfur	34-1	244567	244439	242728	243911	0.42	cps
Terbium	159-1	12166934	12234675	12153893	12185168	0.36	cps
Terbium	159-2	4783720	4738385	4769665	4763924	0.49	cps
Thallium	203-1	1467	1475	1342	1428	5.23	cps
Thallium	205-1	2934	2875	3059	2956	3.17	cps
Thorium	232-1	4534	4812	4834	4727	3.54	cps
Tin	118-1	3251	3501	3267	3339	4.19	cps
Titanium	47-1	450	542	342	444	22.53	cps
Uranium	238-1	5818	5626	5426	5624	3.48	cps
Vanadium	51-2	613	567	673	618	8.66	cps
Yttrium	89-1	7098753	7154265	7108254	7120424	0.42	cps
Yttrium	89-2	811997	808441	821607	814015	0.84	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:16:11	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	270	267	277	271	1.88	cps
Zirconium	90-1	1333	1267	1358	1320	3.59	cps
Zirconium	91-1	267	250	275	264	4.82	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:20:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1150	1183	1133	5.30	cps
Antimony	121-1	12881	12072	12281	12412	3.38	cps
Arsenic	75-2	154	156	141	150	5.38	cps
Barium	135-1	16344	15634	15376	15785	3.18	cps
Barium	137-1	28396	28572	27795	28255	1.44	cps
Beryllium	9-1	1333	1406	1572	1437	8.53	cps
Bismuth	209-1	8610788	8578896	8671730	8620471	0.55	cps
Bismuth	209-2	3929472	3963874	3954530	3949292	0.45	cps
Boron	10-1	7210	7519	7319	7349	2.13	cps
Boron	11-1	33973	33046	35000	34006	2.87	cps
Cadmium	111-1	3621	3481	3487	3530	2.23	cps
Cadmium	106-1	3842	3776	3592	3737	3.47	cps
Cadmium	108-1	150	158	129	146	10.30	cps
Calcium	43-1	9045	8511	8995	8850	3.33	cps
Calcium	44-1	141234	139898	142548	141227	0.94	cps
Chromium	52-2	3187	3494	3344	3342	4.59	cps
Cobalt	59-2	2347	2467	2514	2442	3.52	cps
Copper	63-2	4051	3797	4014	3954	3.46	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	75	100	50	75	33.34	cps
Erbium	164-2	57	47	40	48	17.56	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	133	117	143	131	10.28	cps
Holmium	165-1	12206874	12239477	12249191	12231848	0.18	cps
Holmium	165-2	5030142	5060884	5041707	5044244	0.31	cps
Indium	115-1	7487239	7466315	7506378	7486644	0.27	cps
Indium	115-2	1124300	1126180	1126903	1125794	0.12	cps
Iron	56-2	71569	71607	72596	71924	0.81	cps
Iron	57-2	1672	1911	1817	1800	6.68	cps
Krypton	83-1	610	620	603	611	1.37	cps
Lead	206-1	7803	7925	7880	7869	0.79	cps
Lead	207-1	6974	6752	7008	6911	2.01	cps
Lead	208-1	31254	30564	31282	31033	1.31	cps
Lithium	6-1	2869882	2888541	2891377	2883266	0.41	cps
Magnesium	24-2	70172	72023	72642	71613	1.79	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:20:30 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1007	1050	1067	1041	2.97	cps
Molybdenum	94-1	12473	11955	11513	11980	4.01	cps
Molybdenum	95-1	15417	14691	14466	14858	3.35	cps
Molybdenum	96-1	17228	15985	16502	16571	3.77	cps
Molybdenum	97-1	9278	9645	9554	9492	2.01	cps
Molybdenum	98-1	23821	24480	24346	24216	1.44	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	717	757	773	749	3.89	cps
Phosphorus	31-2	158	108	217	161	33.65	cps
Potassium	39-2	50077	50219	51064	50453	1.06	cps
Rhodium	103-1	6413699	6417135	6432417	6421084	0.16	cps
Rhodium	103-2	2891111	2900902	2896736	2896250	0.17	cps
Scandium	45-1	4126813	4070633	4110859	4102768	0.71	cps
Scandium	45-2	159488	160083	158995	159522	0.34	cps
Selenium	77-2	23	27	17	22	22.91	cps
Selenium	78-2	89	87	93	90	3.16	cps
Selenium	82-1	720	686	584	663	10.62	cps
Silicon	28-1	78539	76722	79025	78096	1.55	cps
Silver	109-1	8453	7869	8128	8150	3.59	cps
Silver	107-1	8586	8686	8636	8636	0.58	cps
Sodium	23-2	137980	137558	138189	137909	0.23	cps
Strontium	86-1	2759	2625	3017	2800	7.11	cps
Strontium	88-1	16302	15792	15809	15968	1.81	cps
Sulfur	34-1	253070	256181	254674	254641	0.61	cps
Terbium	159-1	12183351	12222127	12203809	12203096	0.16	cps
Terbium	159-2	4809555	4818519	4808293	4812122	0.12	cps
Thallium	203-1	9304	9562	8820	9229	4.08	cps
Thallium	205-1	21835	21251	21660	21582	1.39	cps
Thorium	232-1	31544	30687	30837	31023	1.48	cps
Tin	118-1	28229	28196	29440	28622	2.48	cps
Titanium	47-1	4267	4101	4042	4137	2.82	cps
Uranium	238-1	34965	34146	35132	34748	1.52	cps
Vanadium	51-2	6205	6075	6118	6132	1.08	cps
Yttrium	89-1	7137662	7115203	7204034	7152300	0.65	cps
Yttrium	89-2	816198	819399	822286	819294	0.37	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:20:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	867	927	870	888	3.80	cps
Zirconium	90-1	9370	9712	9162	9415	2.95	cps
Zirconium	91-1	1850	2067	2034	1984	5.88	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:24:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50653	51782	50202	50879	1.60	cps
Antimony	121-1	316336	314258	316106	315566	0.36	cps
Arsenic	75-2	6703	6785	6766	6752	0.63	cps
Barium	135-1	386370	388432	392249	389017	0.77	cps
Barium	137-1	676328	682841	679715	679628	0.48	cps
Beryllium	9-1	71367	70234	70402	70668	0.87	cps
Bismuth	209-1	8514729	8514519	8588590	8539279	0.50	cps
Bismuth	209-2	3819983	3866551	3807725	3831420	0.81	cps
Boron	10-1	14733	14399	15150	14760	2.55	cps
Boron	11-1	65618	65375	67978	66324	2.17	cps
Cadmium	111-1	89539	89373	87656	88856	1.17	cps
Cadmium	106-1	14483	13957	13966	14135	2.13	cps
Cadmium	108-1	7481	7506	7385	7458	0.86	cps
Calcium	43-1	85320	84859	83980	84720	0.80	cps
Calcium	44-1	1368684	1361627	1353773	1361361	0.55	cps
Chromium	52-2	74209	72876	72675	73253	1.14	cps
Cobalt	59-2	119303	118043	116464	117937	1.21	cps
Copper	63-2	165929	165854	162615	164799	1.15	cps
Dysprosium	156-1	75	17	42	44	65.84	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	75	83	100	86	14.78	cps
Erbium	164-2	50	53	47	50	6.66	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	90	113	87	97	15.03	cps
Holmium	165-1	12102951	12139359	12298570	12180293	0.85	cps
Holmium	165-2	4925678	4897641	4818812	4880710	1.14	cps
Indium	115-1	7335544	7359502	7368421	7354489	0.23	cps
Indium	115-2	1076543	1077394	1068368	1074102	0.46	cps
Iron	56-2	3170076	3151193	3126411	3149227	0.70	cps
Iron	57-2	79364	80364	80157	79961	0.66	cps
Krypton	83-1	643	523	603	590	10.36	cps
Lead	206-1	364111	367202	360843	364052	0.87	cps
Lead	207-1	322251	317985	321564	320600	0.71	cps
Lead	208-1	1465450	1454001	1455575	1458342	0.43	cps
Lithium	6-1	2831374	2817926	2826258	2825186	0.24	cps
Magnesium	24-2	666141	665572	659586	663766	0.55	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:24:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87871	87572	87069	87504	0.46	cps
Molybdenum	94-1	588342	584562	584154	585686	0.39	cps
Molybdenum	95-1	717168	714004	708795	713322	0.59	cps
Molybdenum	96-1	799432	794473	789322	794409	0.64	cps
Molybdenum	97-1	451820	452049	450868	451579	0.14	cps
Molybdenum	98-1	1172612	1174004	1164095	1170237	0.46	cps
Neodymium	150-1	40	60	40	47	24.74	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	31347	30886	30492	30908	1.39	cps
Phosphorus	31-2	2325	2384	2375	2361	1.34	cps
Potassium	39-2	224185	223120	222366	223224	0.41	cps
Rhodium	103-1	6242755	6248489	6264971	6252072	0.18	cps
Rhodium	103-2	2760111	2764833	2731636	2752193	0.65	cps
Scandium	45-1	3989348	4001433	4014809	4001863	0.32	cps
Scandium	45-2	151876	152387	151505	151923	0.29	cps
Selenium	77-2	193	220	197	203	7.15	cps
Selenium	78-2	683	767	694	715	6.33	cps
Selenium	82-1	6325	6606	6244	6392	2.97	cps
Silicon	28-1	211584	211678	210444	211235	0.33	cps
Silver	109-1	378641	373211	377925	376592	0.78	cps
Silver	107-1	393037	386757	387104	388966	0.91	cps
Sodium	23-2	1292034	1293868	1279023	1288308	0.63	cps
Strontium	86-1	92656	91457	92045	92053	0.65	cps
Strontium	88-1	799225	789172	789991	792796	0.70	cps
Sulfur	34-1	278405	277173	275721	277100	0.48	cps
Terbium	159-1	12065792	12256001	12191474	12171089	0.79	cps
Terbium	159-2	4682418	4652647	4646078	4660381	0.42	cps
Thallium	203-1	439352	434868	435193	436471	0.57	cps
Thallium	205-1	1051732	1048254	1041891	1047292	0.48	cps
Thorium	232-1	1600845	1601330	1597289	1599821	0.14	cps
Tin	118-1	269138	267158	268407	268234	0.37	cps
Titanium	47-1	182247	179175	178643	180022	1.08	cps
Uranium	238-1	1636148	1644212	1626871	1635744	0.53	cps
Vanadium	51-2	56287	55226	54046	55186	2.03	cps
Yttrium	89-1	6989857	6977514	7030135	6999169	0.39	cps
Yttrium	89-2	781653	782121	780410	781394	0.11	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:24:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28725	29300	28004	28676	2.26	cps
Zirconium	90-1	482922	475618	478575	479038	0.77	cps
Zirconium	91-1	107870	107938	106695	107501	0.65	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114410	113848	116375	114877	1.15	cps
Antimony	121-1	744013	741772	735529	740438	0.59	cps
Arsenic	75-2	15217	15388	15673	15426	1.49	cps
Barium	135-1	919609	916883	910140	915544	0.53	cps
Barium	137-1	1602715	1595969	1586641	1595108	0.51	cps
Beryllium	9-1	162668	160786	159271	160908	1.06	cps
Bismuth	209-1	8522382	8115766	8236920	8291689	2.52	cps
Bismuth	209-2	3636472	3671094	3694495	3667354	0.80	cps
Boron	10-1	32602	32720	33722	33015	1.86	cps
Boron	11-1	151183	156099	152462	153248	1.66	cps
Cadmium	111-1	207042	206510	205182	206245	0.46	cps
Cadmium	106-1	28496	28705	27778	28326	1.72	cps
Cadmium	108-1	17323	17377	16990	17230	1.22	cps
Calcium	43-1	194108	192013	193258	193126	0.55	cps
Calcium	44-1	3116659	3093241	3075498	3095133	0.67	cps
Chromium	52-2	164943	166500	166059	165834	0.48	cps
Cobalt	59-2	265224	266042	265648	265638	0.15	cps
Copper	63-2	366873	369255	371593	369240	0.64	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	33	23	30	29	17.63	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	47	27	60	44	37.74	cps
Gadolinium	160-1	67	100	117	94	26.96	cps
Gadolinium	160-2	110	113	107	110	3.03	cps
Holmium	165-1	12253148	11693917	11823131	11923399	2.46	cps
Holmium	165-2	4678005	4666913	4745838	4696919	0.91	cps
Indium	115-1	7190134	6829775	6887968	6969292	2.78	cps
Indium	115-2	990136	997781	1000856	996258	0.55	cps
Iron	56-2	7080314	7095170	7067965	7081149	0.19	cps
Iron	57-2	181091	181923	182358	181791	0.35	cps
Krypton	83-1	517	517	523	519	0.74	cps
Lead	206-1	883241	874247	874159	877215	0.59	cps
Lead	207-1	768196	770520	765233	767983	0.35	cps
Lead	208-1	3501247	3484495	3483371	3489704	0.29	cps
Lithium	6-1	2669302	2585457	2589995	2614918	1.80	cps
Magnesium	24-2	1495053	1510263	1506810	1504042	0.53	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196043	198917	198801	197920	0.82	cps
Molybdenum	94-1	1354402	1348841	1337272	1346839	0.65	cps
Molybdenum	95-1	1676152	1647397	1649234	1657594	0.97	cps
Molybdenum	96-1	1843204	1827869	1820217	1830430	0.64	cps
Molybdenum	97-1	1042242	1050159	1042086	1044829	0.44	cps
Molybdenum	98-1	2702130	2691642	2675285	2689686	0.50	cps
Neodymium	150-1	60	107	60	76	35.66	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	68305	68402	68650	68452	0.26	cps
Phosphorus	31-2	5101	5159	5568	5276	4.82	cps
Potassium	39-2	501184	503253	506053	503497	0.49	cps
Rhodium	103-1	5999118	5711149	5731989	5814085	2.76	cps
Rhodium	103-2	2528605	2531761	2537783	2532716	0.18	cps
Scandium	45-1	3838760	3676097	3672135	3728997	2.55	cps
Scandium	45-2	137426	138584	138937	138316	0.57	cps
Selenium	77-2	507	457	377	447	14.68	cps
Selenium	78-2	1617	1578	1796	1664	7.01	cps
Selenium	82-1	15084	14948	15006	15013	0.45	cps
Silicon	28-1	434832	435367	431475	433891	0.49	cps
Silver	109-1	872869	863092	867325	867762	0.57	cps
Silver	107-1	900289	897962	889639	895963	0.62	cps
Sodium	23-2	2925365	2960239	2939265	2941623	0.60	cps
Strontium	86-1	212136	213929	211914	212660	0.52	cps
Strontium	88-1	1838715	1841068	1838612	1839465	0.08	cps
Sulfur	34-1	295901	294482	291364	293916	0.79	cps
Terbium	159-1	12168851	11591889	11681809	11814183	2.63	cps
Terbium	159-2	4483277	4490162	4519120	4497520	0.42	cps
Thallium	203-1	1053939	1042403	1049414	1048585	0.55	cps
Thallium	205-1	2513054	2503561	2509832	2508816	0.19	cps
Thorium	232-1	3849826	3824166	3877266	3850420	0.69	cps
Tin	118-1	636032	631008	634340	633793	0.40	cps
Titanium	47-1	413579	412807	409479	411955	0.53	cps
Uranium	238-1	3867994	3898345	3916633	3894324	0.63	cps
Vanadium	51-2	123222	124909	124496	124209	0.71	cps
Yttrium	89-1	6793731	6495540	6507311	6598861	2.56	cps
Yttrium	89-2	720533	718988	725857	721793	0.50	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:28:19	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	65587	64796	66196	65526	1.07	cps
Zirconium	90-1	1112457	1102577	1097104	1104046	0.70	cps
Zirconium	91-1	252897	247714	245622	248744	1.51	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:32:09 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214239	208619	210907	211255	1.34	cps
Antimony	121-1	1396822	1374359	1374518	1381900	0.94	cps
Arsenic	75-2	28404	28374	28533	28437	0.30	cps
Barium	135-1	1707662	1704192	1691391	1701081	0.50	cps
Barium	137-1	2994157	2933499	2945954	2957870	1.08	cps
Beryllium	9-1	293758	289323	290722	291268	0.78	cps
Bismuth	209-1	7852525	7755335	7717171	7775010	0.90	cps
Bismuth	209-2	3468217	3476356	3518843	3487805	0.78	cps
Boron	10-1	59175	58598	60220	59331	1.39	cps
Boron	11-1	275189	274715	279810	276572	1.02	cps
Cadmium	111-1	376919	375272	373775	375322	0.42	cps
Cadmium	106-1	48358	47689	48216	48088	0.73	cps
Cadmium	108-1	32133	31581	32245	31986	1.11	cps
Calcium	43-1	354383	347401	347255	349680	1.17	cps
Calcium	44-1	5741021	5690580	5666965	5699522	0.66	cps
Chromium	52-2	303800	301977	304028	303268	0.37	cps
Cobalt	59-2	483657	484366	488298	485440	0.51	cps
Copper	63-2	667635	671222	674232	671030	0.49	cps
Dysprosium	156-1	75	50	100	75	33.33	cps
Dysprosium	156-2	23	43	63	43	46.16	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	50	50	43	48	8.06	cps
Gadolinium	160-1	92	75	75	81	11.95	cps
Gadolinium	160-2	67	93	107	89	22.91	cps
Holmium	165-1	11279093	11205382	11169938	11218138	0.50	cps
Holmium	165-2	4531543	4542683	4546962	4540396	0.18	cps
Indium	115-1	6439669	6366639	6376508	6394272	0.62	cps
Indium	115-2	928258	925276	935642	929725	0.57	cps
Iron	56-2	13185643	13128434	13068331	13127469	0.45	cps
Iron	57-2	334104	336029	337059	335730	0.45	cps
Krypton	83-1	453	507	413	458	10.23	cps
Lead	206-1	1660719	1637541	1630303	1642854	0.97	cps
Lead	207-1	1463487	1436891	1443483	1447954	0.96	cps
Lead	208-1	6626150	6529941	6508892	6554994	0.95	cps
Lithium	6-1	2403699	2365576	2344767	2371348	1.26	cps
Magnesium	24-2	2816446	2759767	2798012	2791408	1.04	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:32:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	368428	366596	367557	367527	0.25	cps
Molybdenum	94-1	2463582	2439848	2473465	2458965	0.70	cps
Molybdenum	95-1	3032052	3002933	2987901	3007629	0.75	cps
Molybdenum	96-1	3355810	3329105	3296919	3327278	0.89	cps
Molybdenum	97-1	1920148	1890883	1884939	1898657	0.99	cps
Molybdenum	98-1	5067604	4932345	4936844	4978931	1.54	cps
Neodymium	150-1	213	173	173	187	12.37	cps
Neodymium	150-2	10	7	23	13	66.12	cps
Nickel	60-2	125608	123689	125135	124811	0.80	cps
Phosphorus	31-2	9512	9604	9912	9676	2.17	cps
Potassium	39-2	930478	912625	936571	926558	1.34	cps
Rhodium	103-1	5276718	5162101	5190509	5209776	1.15	cps
Rhodium	103-2	2344821	2335092	2353925	2344612	0.40	cps
Scandium	45-1	3371258	3346091	3327477	3348275	0.66	cps
Scandium	45-2	128377	126763	128589	127910	0.78	cps
Selenium	77-2	933	963	927	941	2.08	cps
Selenium	78-2	3011	3024	3037	3024	0.43	cps
Selenium	82-1	27464	27146	27321	27310	0.58	cps
Silicon	28-1	748078	742455	744302	744945	0.38	cps
Silver	109-1	1579649	1543699	1556685	1560011	1.17	cps
Silver	107-1	1625510	1606464	1613185	1615053	0.60	cps
Sodium	23-2	5546876	5446635	5504467	5499326	0.91	cps
Strontium	86-1	394530	385560	384801	388297	1.39	cps
Strontium	88-1	3386609	3327775	3346261	3353548	0.90	cps
Sulfur	34-1	339452	337858	336508	337939	0.44	cps
Terbium	159-1	11089987	11030254	11119342	11079861	0.41	cps
Terbium	159-2	4307113	4293850	4339099	4313354	0.54	cps
Thallium	203-1	1987671	1955815	1963167	1968884	0.85	cps
Thallium	205-1	4845422	4616718	4817757	4759966	2.62	cps
Thorium	232-1	7658005	7617603	7585095	7620234	0.48	cps
Tin	118-1	1177726	1157391	1160932	1165350	0.93	cps
Titanium	47-1	749063	745194	739940	744732	0.61	cps
Uranium	238-1	7759382	7671767	7692859	7708002	0.59	cps
Vanadium	51-2	230269	227232	231078	229526	0.88	cps
Yttrium	89-1	6118454	6054332	6015592	6062793	0.86	cps
Yttrium	89-2	671486	669664	675883	672344	0.48	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:32:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	118267	118695	118459	118473	0.18	cps
Zirconium	90-1	2046692	2019329	2021286	2029102	0.75	cps
Zirconium	91-1	460686	457464	457965	458705	0.38	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:35:59 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	414716	413157	420758	416210	0.96	cps
Antimony	121-1	2677012	2667796	2635296	2660035	0.82	cps
Arsenic	75-2	54137	55448	54773	54786	1.20	cps
Barium	135-1	3291757	3276713	3258273	3275581	0.51	cps
Barium	137-1	5972840	5884971	5849585	5902465	1.08	cps
Beryllium	9-1	556795	555814	546124	552911	1.07	cps
Bismuth	209-1	7608822	7511841	7454344	7525002	1.04	cps
Bismuth	209-2	3334176	3375152	3386311	3365213	0.82	cps
Boron	10-1	115454	116546	112944	114981	1.61	cps
Boron	11-1	533573	536866	536815	535751	0.35	cps
Cadmium	111-1	724991	718832	711475	718432	0.94	cps
Cadmium	106-1	90010	90975	89851	90279	0.67	cps
Cadmium	108-1	61407	60713	60437	60852	0.82	cps
Calcium	43-1	677073	682326	669978	676459	0.92	cps
Calcium	44-1	11129245	11100287	10982809	11070781	0.70	cps
Chromium	52-2	588667	588351	591573	589530	0.30	cps
Cobalt	59-2	927085	935570	942767	935141	0.84	cps
Copper	63-2	1270402	1277955	1282004	1276787	0.46	cps
Dysprosium	156-1	58	83	83	75	19.24	cps
Dysprosium	156-2	53	77	40	57	32.76	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	80	63	60	68	15.81	cps
Gadolinium	160-1	100	92	75	89	14.32	cps
Gadolinium	160-2	97	90	117	101	13.73	cps
Holmium	165-1	11170632	11129800	10954399	11084944	1.04	cps
Holmium	165-2	4432252	4454369	4498637	4461753	0.76	cps
Indium	115-1	6246414	6183864	6125316	6185198	0.98	cps
Indium	115-2	895541	896465	902660	898222	0.43	cps
Iron	56-2	25460701	25412106	25551937	25474915	0.28	cps
Iron	57-2	648913	648331	654037	650427	0.48	cps
Krypton	83-1	377	487	447	437	12.75	cps
Lead	206-1	3185264	3167116	3141207	3164529	0.70	cps
Lead	207-1	2805531	2796383	2786881	2796265	0.33	cps
Lead	208-1	13022960	12942708	12881913	12949194	0.55	cps
Lithium	6-1	2315640	2285549	2280781	2293990	0.82	cps
Magnesium	24-2	5495799	5511315	5521455	5509523	0.23	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:35:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	705334	709566	711673	708858	0.46	cps
Molybdenum	94-1	4878456	4892561	4856794	4875937	0.37	cps
Molybdenum	95-1	6022307	6030438	5995746	6016164	0.30	cps
Molybdenum	96-1	6700100	6649651	6639451	6663067	0.49	cps
Molybdenum	97-1	3642484	3611481	3627844	3627270	0.43	cps
Molybdenum	98-1	9726924	9746016	9679442	9717461	0.35	cps
Neodymium	150-1	307	320	347	324	6.28	cps
Neodymium	150-2	37	33	33	34	5.60	cps
Nickel	60-2	238324	238463	240804	239197	0.58	cps
Phosphorus	31-2	18437	19180	18554	18723	2.13	cps
Potassium	39-2	1803243	1789244	1807784	1800091	0.54	cps
Rhodium	103-1	4978712	4998026	4939600	4972113	0.60	cps
Rhodium	103-2	2243571	2257168	2271967	2257568	0.63	cps
Scandium	45-1	3253646	3240460	3217892	3237333	0.56	cps
Scandium	45-2	126400	126672	126948	126673	0.22	cps
Selenium	77-2	1780	1647	1710	1712	3.90	cps
Selenium	78-2	5642	5710	5747	5700	0.94	cps
Selenium	82-1	52031	51523	51945	51833	0.52	cps
Silicon	28-1	1331158	1344433	1341637	1339076	0.52	cps
Silver	109-1	2977908	2957142	2939141	2958064	0.66	cps
Silver	107-1	3045852	3059243	3031734	3045610	0.45	cps
Sodium	23-2	10791725	10785014	10801647	10792795	0.08	cps
Strontium	86-1	763605	751405	750525	755178	0.97	cps
Strontium	88-1	6777142	6713976	6627443	6706187	1.12	cps
Sulfur	34-1	464417	466697	462863	464659	0.41	cps
Terbium	159-1	11022807	10969870	10917176	10969951	0.48	cps
Terbium	159-2	4181813	4214958	4227040	4207937	0.56	cps
Thallium	203-1	3813290	3816183	3727480	3785651	1.33	cps
Thallium	205-1	9484774	9537205	9376235	9466071	0.87	cps
Thorium	232-1	15256141	15090968	14979516	15108875	0.92	cps
Tin	118-1	2270014	2262120	2223907	2252014	1.09	cps
Titanium	47-1	1451703	1445775	1426874	1441451	0.90	cps
Uranium	238-1	15351939	15267877	15228069	15282628	0.41	cps
Vanadium	51-2	448782	451106	450451	450113	0.27	cps
Yttrium	89-1	5930699	5905693	5850285	5895559	0.70	cps
Yttrium	89-2	652190	656233	662548	656990	0.79	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:35:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223520	222603	225919	224014	0.76	cps
Zirconium	90-1	3918332	3922357	3860128	3900272	0.89	cps
Zirconium	91-1	888216	890827	886379	888474	0.25	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 12:39:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792571	791888	793098	792519	0.08	cps
Antimony	121-1	5306732	5285466	5327729	5306643	0.40	cps
Arsenic	75-2	103558	103599	103233	103463	0.19	cps
Barium	135-1	6529083	6523469	6546558	6533037	0.18	cps
Barium	137-1	11464590	11524141	11482131	11490287	0.27	cps
Beryllium	9-1	1045221	1039757	1026337	1037105	0.94	cps
Bismuth	209-1	7199614	7209182	7165647	7191481	0.32	cps
Bismuth	209-2	3141847	3164493	3191031	3165790	0.78	cps
Boron	10-1	224722	223698	222302	223574	0.54	cps
Boron	11-1	1020773	1040202	1030380	1030452	0.94	cps
Cadmium	111-1	1347838	1330220	1337569	1338542	0.66	cps
Cadmium	106-1	169798	169806	170784	170129	0.33	cps
Cadmium	108-1	116356	114903	114856	115372	0.74	cps
Calcium	43-1	1287198	1301549	1297269	1295339	0.57	cps
Calcium	44-1	21361056	21433054	21354214	21382774	0.20	cps
Chromium	52-2	1101702	1115153	1118345	1111733	0.79	cps
Cobalt	59-2	1738215	1754626	1747177	1746672	0.47	cps
Copper	63-2	2462823	2473245	2490840	2475636	0.57	cps
Dysprosium	156-1	150	58	125	111	42.65	cps
Dysprosium	156-2	97	90	67	84	18.65	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	47	83	70	67	27.84	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	97	123	110	110	12.12	cps
Holmium	165-1	10887130	10752945	10825996	10822024	0.62	cps
Holmium	165-2	4293762	4305204	4309390	4302785	0.19	cps
Indium	115-1	5876806	5896052	5869879	5880912	0.23	cps
Indium	115-2	831506	830673	835379	832520	0.30	cps
Iron	56-2	48509344	48281772	48098879	48296665	0.43	cps
Iron	57-2	1233140	1222977	1225119	1227079	0.44	cps
Krypton	83-1	517	440	440	466	9.51	cps
Lead	206-1	6862616	6823120	6814683	6833473	0.37	cps
Lead	207-1	6087138	6041767	6058995	6062633	0.38	cps
Lead	208-1	27745366	27730616	27653642	27709875	0.18	cps
Lithium	6-1	2177594	2162374	2157359	2165776	0.49	cps
Magnesium	24-2	10564072	10547850	10574496	10562139	0.13	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:39:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1340208	1352038	1349027	1347091	0.46	cps
Molybdenum	94-1	9459011	9422132	9420841	9433995	0.23	cps
Molybdenum	95-1	11679813	11593719	11638349	11637294	0.37	cps
Molybdenum	96-1	12988530	12878773	12846816	12904706	0.58	cps
Molybdenum	97-1	7356710	7352753	7312349	7340604	0.33	cps
Molybdenum	98-1	18918963	19018159	18786414	18907846	0.61	cps
Neodymium	150-1	540	580	613	578	6.36	cps
Neodymium	150-2	30	53	27	37	39.62	cps
Nickel	60-2	440761	447937	446238	444979	0.84	cps
Phosphorus	31-2	35393	36287	35318	35666	1.51	cps
Potassium	39-2	3403209	3389021	3437641	3409957	0.73	cps
Rhodium	103-1	4524590	4688402	4470038	4561010	2.49	cps
Rhodium	103-2	2092038	2091892	2115256	2099729	0.64	cps
Scandium	45-1	3086420	3091614	3079052	3085695	0.20	cps
Scandium	45-2	121066	119652	121385	120701	0.76	cps
Selenium	77-2	3114	2894	3040	3016	3.72	cps
Selenium	78-2	10508	10504	10324	10445	1.00	cps
Selenium	82-1	96739	95936	96051	96242	0.45	cps
Silicon	28-1	2414949	2412956	2427336	2418414	0.32	cps
Silver	109-1	5749408	5686601	5665093	5700367	0.77	cps
Silver	107-1	5929093	5898662	5865982	5897912	0.54	cps
Sodium	23-2	20824044	20900397	20806246	20843562	0.24	cps
Strontium	86-1	1474810	1458073	1454320	1462401	0.75	cps
Strontium	88-1	13171019	13022008	12994203	13062410	0.73	cps
Sulfur	34-1	707010	699756	700105	702291	0.58	cps
Terbium	159-1	10669242	10624234	10686295	10659924	0.30	cps
Terbium	159-2	4027876	4016509	4055898	4033428	0.50	cps
Thallium	203-1	7668830	7599032	7571926	7613263	0.66	cps
Thallium	205-1	18406579	18369669	18240957	18339068	0.47	cps
Thorium	232-1	29732171	29647976	29601315	29660487	0.22	cps
Tin	118-1	4289637	4281767	4269752	4280385	0.23	cps
Titanium	47-1	2742395	2745050	2750779	2746075	0.16	cps
Uranium	238-1	29944248	29656684	29888054	29829662	0.51	cps
Vanadium	51-2	857930	857249	855643	856941	0.14	cps
Yttrium	89-1	5681682	5668835	5625093	5658537	0.52	cps
Yttrium	89-2	621442	622627	624199	622756	0.22	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:39:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	432895	438511	439794	437066	0.84	cps
Zirconium	90-1	7801762	7801033	7767902	7790232	0.25	cps
Zirconium	91-1	1720095	1700187	1696803	1705695	0.74	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5057870	5172053	5223883	5151269	1.65	cps
Antimony	121-1	8445	8761	9545	8917	6.35	cps
Arsenic	75-2	174	193	178	181	5.40	cps
Barium	135-1	1867	2017	1759	1881	6.90	cps
Barium	137-1	3551	2984	3309	3281	8.67	cps
Beryllium	9-1	372	344	356	357	3.91	cps
Bismuth	209-1	6506914	6640169	6730125	6625736	1.69	cps
Bismuth	209-2	3094010	3125679	3139730	3119806	0.75	cps
Boron	10-1	10254	9703	9612	9856	3.52	cps
Boron	11-1	45963	44575	44441	44993	1.87	cps
Cadmium	111-1	1928	2153	1999	2027	5.67	cps
Cadmium	106-1	3125	3434	3151	3237	5.29	cps
Cadmium	108-1	50	29	67	49	38.65	cps
Calcium	43-1	6683924	7017717	7276859	6992833	4.25	cps
Calcium	44-1	109049561	114647865	119872953	114523460	4.73	cps
Chromium	52-2	50764	51597	51938	51433	1.17	cps
Cobalt	59-2	26935	27790	27549	27425	1.61	cps
Copper	63-2	6135	6401	6078	6205	2.78	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	30	27	17	24	28.38	cps
Erbium	164-1	58	42	83	61	34.32	cps
Erbium	164-2	40	50	50	47	12.37	cps
Gadolinium	160-1	125	83	75	94	28.37	cps
Gadolinium	160-2	127	113	133	124	8.18	cps
Holmium	165-1	10862817	11077763	11215924	11052168	1.61	cps
Holmium	165-2	4702220	4703771	4792408	4732800	1.09	cps
Indium	115-1	5874124	6067171	6239723	6060339	3.02	cps
Indium	115-2	984349	999349	1002351	995350	0.97	cps
Iron	56-2	293460362	300730151	303248562	299146359	1.70	cps
Iron	57-2	7479926	7572436	7637681	7563348	1.05	cps
Krypton	83-1	437	557	593	529	15.49	cps
Lead	206-1	8353	8642	8709	8568	2.21	cps
Lead	207-1	7664	7830	7997	7830	2.13	cps
Lead	208-1	33868	34129	34924	34307	1.60	cps
Lithium	6-1	2155733	2252397	2342550	2250227	4.15	cps
Magnesium	24-2	63545487	64833366	65513833	64630895	1.55	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6078	5951	6472	6167	4.40	cps
Molybdenum	94-1	9245	9370	9829	9481	3.24	cps
Molybdenum	95-1	14441	14391	14424	14419	0.18	cps
Molybdenum	96-1	15050	15509	16035	15531	3.17	cps
Molybdenum	97-1	8770	9053	9003	8942	1.69	cps
Molybdenum	98-1	22477	22452	22594	22507	0.34	cps
Neodymium	150-1	40	100	140	93	53.93	cps
Neodymium	150-2	63	23	37	41	49.54	cps
Nickel	60-2	17995	18235	18716	18315	2.00	cps
Phosphorus	31-2	92	42	33	56	56.79	cps
Potassium	39-2	22395331	22746423	23073634	22738462	1.49	cps
Rhodium	103-1	4338768	4502498	4894931	4578732	6.24	cps
Rhodium	103-2	2333417	2376414	2382207	2364013	1.13	cps
Scandium	45-1	3247908	3404809	3558604	3403774	4.56	cps
Scandium	45-2	153640	155586	158018	155748	1.41	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	15	7	22	15	49.99	cps
Selenium	82-1	107	-1	-1	35	177.82	cps
Silicon	28-1	132877	138638	144325	138613	4.13	cps
Silver	109-1	1550	1500	1709	1586	6.86	cps
Silver	107-1	1642	1525	1583	1583	3.68	cps
Sodium	23-2	126279103	129712124	130021128	128670785	1.61	cps
Strontium	86-1	6669	7377	7944	7330	8.72	cps
Strontium	88-1	56688	58119	59257	58021	2.22	cps
Sulfur	34-1	223389	235134	248142	235555	5.26	cps
Terbium	159-1	10627419	10888924	11123792	10880045	2.28	cps
Terbium	159-2	4469410	4502481	4519502	4497131	0.57	cps
Thallium	203-1	3467	3517	3509	3498	0.77	cps
Thallium	205-1	8278	8053	7627	7986	4.14	cps
Thorium	232-1	11694	10849	11049	11198	3.94	cps
Tin	118-1	2834	3342	3034	3070	8.34	cps
Titanium	47-1	1675	1784	1875	1778	5.63	cps
Uranium	238-1	9204	8979	8787	8990	2.32	cps
Vanadium	51-2	317	323	370	337	8.63	cps
Yttrium	89-1	5808789	6028152	6314089	6050343	4.19	cps
Yttrium	89-2	766370	775094	785209	775557	1.22	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 12:43:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6498	6485	6652	6545	1.42	cps
Zirconium	90-1	3634	3534	3834	3667	4.17	cps
Zirconium	91-1	842	817	975	878	9.70	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:18:12 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22685	22668	22451	22601	0.58	cps
Antimony	121-1	1198783	1186581	1182735	1189366	0.70	cps
Arsenic	75-2	25754	25394	25730	25626	0.79	cps
Barium	135-1	152107	149833	148486	150142	1.22	cps
Barium	137-1	264692	263250	261190	263044	0.67	cps
Beryllium	9-1	127766	126287	126780	126944	0.59	cps
Bismuth	209-1	8458580	8447664	8497861	8468035	0.31	cps
Bismuth	209-2	3671370	3686930	3769679	3709326	1.42	cps
Boron	10-1	149171	147968	150921	149354	0.99	cps
Boron	11-1	687519	695381	707026	696642	1.41	cps
Cadmium	111-1	169594	167745	167202	168180	0.75	cps
Cadmium	106-1	46193	46344	45332	45956	1.19	cps
Cadmium	108-1	27239	26934	26416	26863	1.55	cps
Calcium	43-1	38668	37114	37490	37758	2.15	cps
Calcium	44-1	577748	575181	575708	576212	0.24	cps
Chromium	52-2	131423	132173	134180	132592	1.08	cps
Cobalt	59-2	215122	218069	220266	217819	1.19	cps
Copper	63-2	150454	151424	153548	151809	1.04	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	175	183	117	158	22.94	cps
Erbium	164-2	70	67	73	70	4.76	cps
Gadolinium	160-1	108	67	83	86	24.35	cps
Gadolinium	160-2	127	93	107	109	15.41	cps
Holmium	165-1	12193923	12184802	12223340	12200688	0.17	cps
Holmium	165-2	4742015	4785890	4796311	4774739	0.60	cps
Indium	115-1	7282610	7250017	7231033	7254553	0.36	cps
Indium	115-2	1015437	1017713	1033453	1022201	0.96	cps
Iron	56-2	1199124	1211507	1218219	1209617	0.80	cps
Iron	57-2	29881	30137	30977	30332	1.89	cps
Krypton	83-1	553	463	520	512	8.88	cps
Lead	206-1	1636030	1624806	1609422	1623419	0.82	cps
Lead	207-1	1430694	1428943	1423171	1427603	0.28	cps
Lead	208-1	6463211	6441592	6443701	6449501	0.18	cps
Lithium	6-1	2733371	2703619	2705401	2714130	0.61	cps
Magnesium	24-2	153520	157223	157798	156180	1.49	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:18:12	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78304	80012	78130	78815	1.32	cps
Molybdenum	94-1	6287533	6252483	6248025	6262680	0.35	cps
Molybdenum	95-1	7913660	7807597	7834924	7852060	0.70	cps
Molybdenum	96-1	8680834	8597461	8624939	8634411	0.49	cps
Molybdenum	97-1	4954752	4896182	4886285	4912406	0.75	cps
Molybdenum	98-1	12695118	12572431	12654735	12640761	0.49	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	56421	56569	57295	56762	0.82	cps
Phosphorus	31-2	92	67	42	67	37.50	cps
Potassium	39-2	170888	169534	171278	170567	0.54	cps
Rhodium	103-1	6116327	6029323	6054399	6066683	0.74	cps
Rhodium	103-2	2616178	2657912	2672107	2648733	1.10	cps
Scandium	45-1	3893429	3877650	3893591	3888223	0.24	cps
Scandium	45-2	144933	146758	148176	146622	1.11	cps
Selenium	77-2	773	853	793	807	5.16	cps
Selenium	78-2	2556	2648	2765	2656	3.95	cps
Selenium	82-1	24826	24735	24687	24749	0.28	cps
Silicon	28-1	93166	98892	101610	97889	4.40	cps
Silver	109-1	629944	627493	625756	627731	0.34	cps
Silver	107-1	663933	663493	660706	662711	0.26	cps
Sodium	23-2	494808	503925	503496	500743	1.03	cps
Strontium	86-1	957232	956173	956694	956700	0.06	cps
Strontium	88-1	8454929	8506941	8482512	8481461	0.31	cps
Sulfur	34-1	248377	247176	244210	246588	0.87	cps
Terbium	159-1	12199394	12114925	12091600	12135306	0.47	cps
Terbium	159-2	4523890	4573974	4594047	4563970	0.79	cps
Thallium	203-1	1898956	1889194	1874181	1887444	0.66	cps
Thallium	205-1	4457332	4421118	4373146	4417199	0.96	cps
Thorium	232-1	1755852	1748033	1767723	1757202	0.56	cps
Tin	118-1	2691593	2693255	2666566	2683804	0.56	cps
Titanium	47-1	1928463	1907654	1911048	1915722	0.58	cps
Uranium	238-1	18081033	18213815	18322378	18205742	0.66	cps
Vanadium	51-2	98653	101096	101442	100397	1.51	cps
Yttrium	89-1	6920842	6923614	6918714	6921057	0.04	cps
Yttrium	89-2	737052	753589	752440	747694	1.23	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:18:12	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52822	53247	53110	53059	0.41	cps
Zirconium	90-1	5014315	4983285	4957602	4985067	0.57	cps
Zirconium	91-1	1108669	1081325	1084322	1091439	1.37	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:23:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	33	39	44.62	cps
Antimony	121-1	567	575	667	603	9.21	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	83	50	67	67	25.00	cps
Barium	137-1	25	25	42	31	31.50	cps
Beryllium	9-1	61	61	78	67	14.44	cps
Bismuth	209-1	7771862	8620784	8692722	8361789	6.12	cps
Bismuth	209-2	3866031	3865296	3833454	3854927	0.48	cps
Boron	10-1	5476	4759	4426	4887	10.98	cps
Boron	11-1	24103	23995	22426	23508	3.99	cps
Cadmium	111-1	1544	1736	1815	1698	8.23	cps
Cadmium	106-1	3092	3401	3601	3364	7.61	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	92	108	67	89	23.59	cps
Calcium	44-1	2834	3025	2692	2850	5.87	cps
Chromium	52-2	210	263	250	241	11.51	cps
Cobalt	59-2	47	30	40	39	21.57	cps
Copper	63-2	407	480	360	416	14.56	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	23	33	27	28	18.33	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	23	73	70	56	50.32	cps
Gadolinium	160-1	125	83	83	97	24.74	cps
Gadolinium	160-2	117	123	77	106	23.91	cps
Holmium	165-1	11173644	12398529	12584182	12052118	6.36	cps
Holmium	165-2	5010483	5052704	4979405	5014197	0.73	cps
Indium	115-1	6744833	7495865	7537125	7259274	6.14	cps
Indium	115-2	1082775	1101869	1108800	1097815	1.23	cps
Iron	56-2	1306	1295	1422	1341	5.28	cps
Iron	57-2	22	28	17	22	25.00	cps
Krypton	83-1	533	543	467	514	8.10	cps
Lead	206-1	900	750	794	815	9.46	cps
Lead	207-1	783	750	789	774	2.72	cps
Lead	208-1	2867	2817	2728	2804	2.51	cps
Lithium	6-1	2577161	2834366	2864563	2758697	5.73	cps
Magnesium	24-2	342	333	300	325	6.78	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:23:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	33	36	5.42	cps
Molybdenum	94-1	842	742	742	775	7.45	cps
Molybdenum	95-1	783	783	717	761	5.06	cps
Molybdenum	96-1	892	967	792	883	9.94	cps
Molybdenum	97-1	492	508	542	514	4.95	cps
Molybdenum	98-1	1383	1333	983	1233	17.67	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	57	57	53	56	3.47	cps
Phosphorus	31-2	58	17	8	28	96.44	cps
Potassium	39-2	4918	5059	4751	4909	3.14	cps
Rhodium	103-1	5701771	6340042	6394067	6145293	6.27	cps
Rhodium	103-2	2801304	2841533	2848048	2830295	0.89	cps
Scandium	45-1	3637173	4013827	4067552	3906184	6.00	cps
Scandium	45-2	156473	158962	159251	158229	0.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	9	6	9	39.96	cps
Selenium	82-1	32	69	91	64	46.65	cps
Silicon	28-1	53497	52050	51924	52490	1.66	cps
Silver	109-1	67	58	75	67	12.49	cps
Silver	107-1	125	108	142	125	13.33	cps
Sodium	23-2	4718	4718	4626	4687	1.13	cps
Strontium	86-1	892	808	892	864	5.57	cps
Strontium	88-1	517	400	417	444	14.20	cps
Sulfur	34-1	259769	261540	267527	262945	1.55	cps
Terbium	159-1	11167949	12347921	12431546	11982472	5.90	cps
Terbium	159-2	4757588	4783791	4785080	4775486	0.32	cps
Thallium	203-1	867	858	983	903	7.74	cps
Thallium	205-1	1717	1825	1634	1725	5.57	cps
Thorium	232-1	2734	2789	2800	2774	1.29	cps
Tin	118-1	1050	1075	1058	1061	1.20	cps
Titanium	47-1	133	100	125	119	14.53	cps
Uranium	238-1	3434	3042	3409	3295	6.66	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	6418550	7143853	7204981	6922461	6.32	cps
Yttrium	89-2	797241	807043	806330	803538	0.68	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:23:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183	170	197	183	7.27	cps
Zirconium	90-1	958	875	825	886	7.60	cps
Zirconium	91-1	233	192	133	186	26.99	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:27:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4491965	4579284	4572724	4547991	1.07	cps
Antimony	121-1	7311	7127	7261	7233	1.31	cps
Arsenic	75-2	44	50	41	45	10.34	cps
Barium	135-1	2125	2400	1992	2172	9.59	cps
Barium	137-1	3684	3967	4251	3967	7.14	cps
Beryllium	9-1	456	378	339	391	15.20	cps
Bismuth	209-1	7773948	7850379	7881204	7835177	0.70	cps
Bismuth	209-2	3441102	3473801	3501812	3472238	0.88	cps
Boron	10-1	3559	3309	3009	3292	8.37	cps
Boron	11-1	16535	15851	15058	15814	4.67	cps
Cadmium	111-1	1452	1339	1944	1578	20.38	cps
Cadmium	106-1	3084	3125	3284	3164	3.34	cps
Cadmium	108-1	3430	3309	2950	3230	7.72	cps
Calcium	43-1	1589426	1590960	1591075	1590487	0.06	cps
Calcium	44-1	26218405	26293491	26287462	26266452	0.16	cps
Chromium	52-2	29389	29947	30171	29836	1.35	cps
Cobalt	59-2	2767	2617	2874	2753	4.69	cps
Copper	63-2	12015	12372	13109	12499	4.46	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	23	30	47	33	36.07	cps
Erbium	164-1	125	158	92	125	26.67	cps
Erbium	164-2	80	57	67	68	17.27	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	133	120	93	116	17.62	cps
Holmium	165-1	12278940	12361002	12294237	12311393	0.35	cps
Holmium	165-2	4867505	4893329	4926823	4895886	0.61	cps
Indium	115-1	7023518	7038931	7030664	7031038	0.11	cps
Indium	115-2	1012325	1029113	1034778	1025405	1.14	cps
Iron	56-2	117788630	118764922	119595144	118716232	0.76	cps
Iron	57-2	2946653	2971279	2970312	2962748	0.47	cps
Krypton	83-1	520	517	547	528	3.12	cps
Lead	206-1	33554	32718	32546	32939	1.64	cps
Lead	207-1	25258	25726	25687	25557	1.02	cps
Lead	208-1	124200	124129	121807	123379	1.10	cps
Lithium	6-1	2662679	2633843	2639380	2645300	0.58	cps
Magnesium	24-2	12945117	13158935	13097473	13067175	0.84	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:27:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7142	7442	7455	7346	2.41	cps
Molybdenum	94-1	2920744	2915242	2891076	2909021	0.54	cps
Molybdenum	95-1	5300493	5317261	5280984	5299579	0.34	cps
Molybdenum	96-1	5673671	5646002	5661704	5660459	0.25	cps
Molybdenum	97-1	3216703	3172165	3213969	3200946	0.78	cps
Molybdenum	98-1	8636609	8572458	8660308	8623125	0.53	cps
Neodymium	150-1	40	67	80	62	32.73	cps
Neodymium	150-2	30	13	17	20	44.10	cps
Nickel	60-2	3787	3400	3757	3648	5.90	cps
Phosphorus	31-2	216246	219668	220872	218929	1.10	cps
Potassium	39-2	8681940	8741215	8863349	8762168	1.06	cps
Rhodium	103-1	5605517	5634983	5652148	5630883	0.42	cps
Rhodium	103-2	2513969	2554636	2568637	2545747	1.12	cps
Scandium	45-1	3843816	3846895	3871897	3854203	0.40	cps
Scandium	45-2	151047	153990	152673	152570	0.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	15	9	10	36.70	cps
Selenium	82-1	5	27	-12	6	304.24	cps
Silicon	28-1	131473	132668	130944	131695	0.67	cps
Silver	109-1	150	200	250	200	25.00	cps
Silver	107-1	192	208	350	250	34.80	cps
Sodium	23-2	25437517	25652920	25733748	25608062	0.60	cps
Strontium	86-1	60930	61072	60444	60815	0.54	cps
Strontium	88-1	535721	530760	531024	532502	0.52	cps
Sulfur	34-1	3245180	3236990	3215383	3232518	0.48	cps
Terbium	159-1	12191307	12279739	12177214	12216086	0.45	cps
Terbium	159-2	4637419	4679247	4670469	4662378	0.47	cps
Thallium	203-1	1550	1517	1934	1667	13.89	cps
Thallium	205-1	2950	3251	3534	3245	8.99	cps
Thorium	232-1	2711	2823	2767	2767	2.01	cps
Tin	118-1	1592	1700	1750	1681	4.82	cps
Titanium	47-1	1416189	1419493	1425299	1420327	0.32	cps
Uranium	238-1	3492	3501	3892	3628	6.30	cps
Vanadium	51-2	210	200	210	207	2.79	cps
Yttrium	89-1	6877075	6903412	6903639	6894709	0.22	cps
Yttrium	89-2	764766	774001	772671	770479	0.65	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:27:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3407	3220	3400	3343	3.17	cps
Zirconium	90-1	1100	1117	1275	1164	8.30	cps
Zirconium	91-1	275	225	342	281	20.86	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4776074	4705081	4719997	4733717	0.79	cps
Antimony	121-1	129054	129904	127550	128836	0.93	cps
Arsenic	75-2	2650	2560	2585	2598	1.80	cps
Barium	135-1	33725	33182	32940	33282	1.21	cps
Barium	137-1	58399	58783	57353	58178	1.27	cps
Beryllium	9-1	25600	26223	25678	25834	1.31	cps
Bismuth	209-1	8031748	7988314	8030131	8016731	0.31	cps
Bismuth	209-2	3516042	3515433	3552970	3528148	0.61	cps
Boron	10-1	19371	19638	18988	19332	1.69	cps
Boron	11-1	88266	88234	87370	87957	0.58	cps
Cadmium	111-1	33572	33027	33724	33441	1.10	cps
Cadmium	106-1	8987	8870	8903	8920	0.67	cps
Cadmium	108-1	6631	6327	6606	6521	2.59	cps
Calcium	43-1	1671466	1660019	1670525	1667337	0.38	cps
Calcium	44-1	27643943	27469164	27738767	27617292	0.50	cps
Chromium	52-2	58934	58429	59647	59003	1.04	cps
Cobalt	59-2	49186	48610	48550	48782	0.72	cps
Copper	63-2	43752	43729	43321	43600	0.56	cps
Dysprosium	156-1	33	83	42	53	50.76	cps
Dysprosium	156-2	30	27	40	32	21.53	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	50	70	67	62	17.22	cps
Gadolinium	160-1	67	100	83	83	20.00	cps
Gadolinium	160-2	93	117	157	122	26.20	cps
Holmium	165-1	12888316	12731845	12774001	12798054	0.63	cps
Holmium	165-2	4974841	4997335	4998935	4990370	0.27	cps
Indium	115-1	7337014	7306353	7275964	7306444	0.42	cps
Indium	115-2	1038985	1052244	1056548	1049259	0.87	cps
Iron	56-2	123309467	123042981	123190494	123180981	0.11	cps
Iron	57-2	3072714	3069540	3103226	3081827	0.60	cps
Krypton	83-1	580	550	543	558	3.50	cps
Lead	206-1	178767	175201	173653	175873	1.49	cps
Lead	207-1	147049	144313	147111	146158	1.09	cps
Lead	208-1	681846	672250	672877	675658	0.79	cps
Lithium	6-1	2704007	2687946	2670593	2687515	0.62	cps
Magnesium	24-2	13679019	13510484	13664169	13617890	0.69	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24370	23709	24230	24103	1.45	cps
Molybdenum	94-1	3318942	3278048	3300205	3299065	0.62	cps
Molybdenum	95-1	5719016	5675424	5684622	5693021	0.40	cps
Molybdenum	96-1	6138265	6102850	6101312	6114142	0.34	cps
Molybdenum	97-1	3489208	3405339	3438437	3444328	1.23	cps
Molybdenum	98-1	9319692	9208342	9263343	9263792	0.60	cps
Neodymium	150-1	27	40	53	40	33.33	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	15148	14808	15268	15075	1.58	cps
Phosphorus	31-2	228029	230512	225851	228130	1.02	cps
Potassium	39-2	9152734	9089959	9150112	9130935	0.39	cps
Rhodium	103-1	5926648	5865013	5861322	5884328	0.62	cps
Rhodium	103-2	2598158	2620985	2634062	2617735	0.69	cps
Scandium	45-1	4070304	3992612	4008953	4023956	1.02	cps
Scandium	45-2	157736	156543	158133	157471	0.53	cps
Selenium	77-2	83	63	70	72	14.10	cps
Selenium	78-2	298	237	259	265	11.68	cps
Selenium	82-1	2389	2380	2342	2371	1.06	cps
Silicon	28-1	304086	304467	305576	304710	0.25	cps
Silver	109-1	132213	129664	130723	130867	0.98	cps
Silver	107-1	137059	137664	134121	136281	1.39	cps
Sodium	23-2	26900957	26466002	26966852	26777937	1.02	cps
Strontium	86-1	163311	161186	163150	162549	0.73	cps
Strontium	88-1	1415576	1415477	1414800	1415284	0.03	cps
Sulfur	34-1	3400738	3364493	3349461	3371564	0.78	cps
Terbium	159-1	12649332	12604837	12601045	12618405	0.21	cps
Terbium	159-2	4754407	4717331	4785457	4752398	0.72	cps
Thallium	203-1	174986	169963	172243	172397	1.46	cps
Thallium	205-1	419795	415070	408382	414416	1.38	cps
Thorium	232-1	16789	17612	17062	17154	2.44	cps
Tin	118-1	291942	284983	281807	286244	1.81	cps
Titanium	47-1	1536903	1519906	1508911	1521907	0.93	cps
Uranium	238-1	1685633	1656091	1654629	1665451	1.05	cps
Vanadium	51-2	22143	22060	21576	21927	1.40	cps
Yttrium	89-1	7158187	7150659	7182547	7163797	0.23	cps
Yttrium	89-2	787299	792380	807550	795743	1.32	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:30:46	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8269	8272	8469	8337	1.37	cps
Zirconium	90-1	512473	514179	511321	512658	0.28	cps
Zirconium	91-1	116773	115545	114983	115767	0.79	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2696372	2697743	2721803	2705306	0.53	cps
Antimony	121-1	2915013	2922985	2942256	2926751	0.48	cps
Arsenic	75-2	64178	65273	66051	65167	1.44	cps
Barium	135-1	3706665	3692459	3712329	3703818	0.28	cps
Barium	137-1	6684153	6700859	6709171	6698061	0.19	cps
Beryllium	9-1	608253	609530	607280	608355	0.19	cps
Bismuth	209-1	7645868	7626549	7632380	7634932	0.13	cps
Bismuth	209-2	3392738	3451296	3445112	3429715	0.94	cps
Boron	10-1	127542	128173	133737	129817	2.63	cps
Boron	11-1	602619	608092	611822	607511	0.76	cps
Cadmium	111-1	786411	795714	797514	793213	0.75	cps
Cadmium	106-1	100958	101924	104005	102295	1.52	cps
Cadmium	108-1	67774	68331	69034	68379	0.92	cps
Calcium	43-1	3921084	3940809	3950411	3937435	0.38	cps
Calcium	44-1	64736589	65514604	66469558	65573583	1.32	cps
Chromium	52-2	733826	747225	752409	744487	1.29	cps
Cobalt	59-2	1122010	1129683	1138781	1130158	0.74	cps
Copper	63-2	1615002	1640263	1650723	1635330	1.12	cps
Dysprosium	156-1	83	92	125	100	22.05	cps
Dysprosium	156-2	43	60	63	56	19.29	cps
Erbium	164-1	92	92	50	78	30.93	cps
Erbium	164-2	80	47	50	59	31.17	cps
Gadolinium	160-1	50	100	83	78	32.74	cps
Gadolinium	160-2	120	100	147	122	19.16	cps
Holmium	165-1	12387844	12555222	12563929	12502332	0.79	cps
Holmium	165-2	4963141	5023438	5022896	5003158	0.69	cps
Indium	115-1	7108227	7147769	7226015	7160670	0.84	cps
Indium	115-2	1037793	1053410	1065215	1052139	1.31	cps
Iron	56-2	151577353	152402542	151797581	151925826	0.28	cps
Iron	57-2	3779883	3814024	3812981	3802296	0.51	cps
Krypton	83-1	617	570	610	599	4.21	cps
Lead	206-1	3208501	3213868	3240443	3220937	0.53	cps
Lead	207-1	2821697	2820582	2824493	2822257	0.07	cps
Lead	208-1	13169175	13150020	13158273	13159156	0.07	cps
Lithium	6-1	2620758	2619755	2620526	2620346	0.02	cps
Magnesium	24-2	32801259	33319205	33265338	33128601	0.86	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	855912	862932	871804	863549	0.92	cps
Molybdenum	94-1	5803916	5765063	5824931	5797970	0.52	cps
Molybdenum	95-1	7115025	7073530	7121101	7103219	0.36	cps
Molybdenum	96-1	7888562	7877435	7908067	7891355	0.20	cps
Molybdenum	97-1	4247905	4273408	4292911	4271408	0.53	cps
Molybdenum	98-1	11418224	11582764	11595730	11532239	0.86	cps
Neodymium	150-1	340	480	400	407	17.27	cps
Neodymium	150-2	47	23	33	34	34.00	cps
Nickel	60-2	286811	286599	292823	288744	1.22	cps
Phosphorus	31-2	23219	22585	23703	23169	2.42	cps
Potassium	39-2	11654167	11583513	11751723	11663135	0.72	cps
Rhodium	103-1	5601425	5724426	5753884	5693245	1.42	cps
Rhodium	103-2	2568124	2611313	2637756	2605731	1.35	cps
Scandium	45-1	3976379	4036532	4056564	4023158	1.04	cps
Scandium	45-2	161193	163575	167140	163969	1.83	cps
Selenium	77-2	1967	2194	2104	2088	5.47	cps
Selenium	78-2	6639	6946	7157	6914	3.77	cps
Selenium	82-1	60003	61013	60217	60411	0.88	cps
Silicon	28-1	1670289	1701050	1709282	1693541	1.21	cps
Silver	109-1	3324808	3338558	3337476	3333614	0.23	cps
Silver	107-1	3426457	3449097	3450384	3441979	0.39	cps
Sodium	23-2	65541437	66404776	66331293	66092502	0.72	cps
Strontium	86-1	905347	890144	900029	898507	0.86	cps
Strontium	88-1	7975083	7986855	8041422	8001120	0.44	cps
Sulfur	34-1	573168	577392	576990	575850	0.40	cps
Terbium	159-1	12403783	12421140	12540039	12454987	0.60	cps
Terbium	159-2	4683799	4750106	4739175	4724360	0.75	cps
Thallium	203-1	3894058	3906063	3882438	3894187	0.30	cps
Thallium	205-1	9680331	9782919	9789676	9750975	0.63	cps
Thorium	232-1	15281617	15266407	15297968	15281997	0.10	cps
Tin	118-1	2494731	2521383	2539285	2518467	0.89	cps
Titanium	47-1	1751908	1761030	1768406	1760448	0.47	cps
Uranium	238-1	15060829	15152393	15134387	15115870	0.32	cps
Vanadium	51-2	560752	569317	574760	568276	1.24	cps
Yttrium	89-1	7118546	7224181	7241763	7194830	0.93	cps
Yttrium	89-2	807597	819879	831369	819615	1.45	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:35:57	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277859	282325	282723	280969	0.96	cps
Zirconium	90-1	4794960	4815773	4843631	4818122	0.51	cps
Zirconium	91-1	1050781	1048933	1064752	1054822	0.82	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1175	1217	1517	1303	14.31	cps
Antimony	121-1	15251	14491	14650	14797	2.71	cps
Arsenic	75-2	207	170	148	175	17.08	cps
Barium	135-1	17829	18213	17787	17943	1.31	cps
Barium	137-1	32055	32481	31578	32038	1.41	cps
Beryllium	9-1	1672	1756	1683	1704	2.66	cps
Bismuth	209-1	9428656	9421139	9485186	9444994	0.37	cps
Bismuth	209-2	4237184	4263012	4210081	4236759	0.62	cps
Boron	10-1	10971	10904	10804	10893	0.77	cps
Boron	11-1	51446	51506	53086	52013	1.79	cps
Cadmium	111-1	3905	4132	3930	3989	3.13	cps
Cadmium	106-1	3992	4276	4226	4165	3.63	cps
Cadmium	108-1	188	217	208	204	7.36	cps
Calcium	43-1	10087	10287	10221	10198	1.00	cps
Calcium	44-1	169468	173166	170639	171091	1.10	cps
Chromium	52-2	3697	3997	3761	3818	4.14	cps
Cobalt	59-2	2854	3000	3084	2979	3.91	cps
Copper	63-2	4838	4751	4464	4684	4.17	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	67	42	83	64	32.83	cps
Erbium	164-2	40	53	33	42	24.12	cps
Gadolinium	160-1	108	83	67	86	24.35	cps
Gadolinium	160-2	117	133	140	130	9.24	cps
Holmium	165-1	13916035	14115902	13995510	14009149	0.72	cps
Holmium	165-2	5681687	5671145	5653792	5668875	0.25	cps
Indium	115-1	8792277	8853592	8853230	8833033	0.40	cps
Indium	115-2	1269236	1286853	1278988	1278359	0.69	cps
Iron	56-2	89499	87739	87018	88085	1.45	cps
Iron	57-2	2056	2139	2278	2158	5.20	cps
Krypton	83-1	703	697	683	694	1.47	cps
Lead	206-1	9198	9176	9076	9150	0.71	cps
Lead	207-1	7563	7925	7719	7736	2.34	cps
Lead	208-1	34891	35247	34663	34933	0.84	cps
Lithium	6-1	3317550	3292269	3288936	3299585	0.47	cps
Magnesium	24-2	87136	86407	86315	86619	0.52	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1193	1200	1207	1200	0.56	cps
Molybdenum	94-1	14541	14016	13774	14110	2.78	cps
Molybdenum	95-1	17611	17495	17345	17484	0.77	cps
Molybdenum	96-1	20098	19214	20132	19814	2.63	cps
Molybdenum	97-1	11280	11105	11288	11224	0.92	cps
Molybdenum	98-1	27945	28521	28546	28337	1.20	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	850	807	817	824	2.75	cps
Phosphorus	31-2	225	208	150	194	20.25	cps
Potassium	39-2	63695	64139	63578	63804	0.46	cps
Rhodium	103-1	7530254	7557303	7554965	7547507	0.20	cps
Rhodium	103-2	3312675	3341893	3313847	3322805	0.50	cps
Scandium	45-1	4985012	5034420	5033900	5017777	0.57	cps
Scandium	45-2	191270	192499	192763	192177	0.41	cps
Selenium	77-2	27	33	50	37	32.78	cps
Selenium	78-2	107	124	76	102	23.86	cps
Selenium	82-1	791	816	801	802	1.58	cps
Silicon	28-1	97877	94791	95747	96138	1.64	cps
Silver	109-1	9604	8886	8895	9128	4.51	cps
Silver	107-1	9654	9370	10029	9684	3.41	cps
Sodium	23-2	174251	171062	172488	172600	0.93	cps
Strontium	86-1	3075	3292	3059	3142	4.14	cps
Strontium	88-1	19138	18788	19222	19049	1.21	cps
Sulfur	34-1	318239	319753	319716	319236	0.27	cps
Terbium	159-1	14049618	14065604	13977998	14031073	0.33	cps
Terbium	159-2	5435990	5430095	5424499	5430195	0.11	cps
Thallium	203-1	9996	10555	10346	10299	2.74	cps
Thallium	205-1	24039	24240	25500	24593	3.22	cps
Thorium	232-1	34385	33482	33594	33820	1.45	cps
Tin	118-1	33199	32572	33015	32928	0.98	cps
Titanium	47-1	4534	4468	4342	4448	2.19	cps
Uranium	238-1	34699	33336	33696	33910	2.08	cps
Vanadium	51-2	7349	7002	7239	7196	2.46	cps
Yttrium	89-1	8581528	8569570	8584602	8578567	0.09	cps
Yttrium	89-2	949384	966407	951676	955822	0.97	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:44:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1047	1153	1200	1133	6.94	cps
Zirconium	90-1	11563	11797	10813	11391	4.51	cps
Zirconium	91-1	2600	2425	2525	2517	3.49	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:47:48 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	0	25	88.19	cps
Antimony	121-1	258	317	375	317	18.42	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	117	67	83	89	28.64	cps
Barium	137-1	42	33	50	42	20.00	cps
Beryllium	9-1	83	89	94	89	6.25	cps
Bismuth	209-1	9445261	9385828	9505020	9445370	0.63	cps
Bismuth	209-2	4195299	4209245	4189873	4198139	0.24	cps
Boron	10-1	2767	2800	2442	2670	7.42	cps
Boron	11-1	13098	12748	12756	12867	1.55	cps
Cadmium	111-1	2151	1973	1998	2041	4.73	cps
Cadmium	106-1	4234	3876	3984	4031	4.56	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	83	67	150	100	44.10	cps
Calcium	44-1	3976	3526	3492	3664	7.37	cps
Chromium	52-2	263	317	287	289	9.25	cps
Cobalt	59-2	27	53	23	34	47.73	cps
Copper	63-2	537	587	597	573	5.61	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	108	67	100	92	24.05	cps
Erbium	164-2	37	53	30	40	30.04	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	130	150	137	139	7.33	cps
Holmium	165-1	13881393	13802398	13949556	13877782	0.53	cps
Holmium	165-2	5629415	5635125	5592529	5619023	0.41	cps
Indium	115-1	8809769	8729933	8779782	8773161	0.46	cps
Indium	115-2	1264365	1281598	1279609	1275191	0.74	cps
Iron	56-2	2345	2278	2206	2276	3.05	cps
Iron	57-2	50	61	72	61	18.18	cps
Krypton	83-1	633	603	610	616	2.56	cps
Lead	206-1	1000	883	1067	983	9.44	cps
Lead	207-1	739	900	850	830	9.94	cps
Lead	208-1	3439	3478	3545	3487	1.53	cps
Lithium	6-1	3354557	3288968	3303690	3315738	1.04	cps
Magnesium	24-2	475	442	408	442	7.55	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:47:48 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	47	47	43	13.32	cps
Molybdenum	94-1	433	317	275	342	24.02	cps
Molybdenum	95-1	217	242	200	219	9.56	cps
Molybdenum	96-1	167	233	275	225	24.29	cps
Molybdenum	97-1	200	183	133	172	20.15	cps
Molybdenum	98-1	358	375	292	342	12.91	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	47	60	40	49	20.83	cps
Phosphorus	31-2	58	67	17	47	56.72	cps
Potassium	39-2	6418	6677	6844	6646	3.22	cps
Rhodium	103-1	7514822	7448238	7490948	7484669	0.45	cps
Rhodium	103-2	3261959	3322368	3301062	3295130	0.93	cps
Scandium	45-1	4967894	4951872	4989515	4969760	0.38	cps
Scandium	45-2	188053	190130	189404	189195	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	9	17	16	40.51	cps
Selenium	82-1	-1	84	54	46	94.84	cps
Silicon	28-1	59628	58850	59586	59354	0.74	cps
Silver	109-1	67	92	58	72	24.02	cps
Silver	107-1	200	208	175	194	8.92	cps
Sodium	23-2	8403	8128	7861	8130	3.33	cps
Strontium	86-1	1033	1150	1042	1075	6.05	cps
Strontium	88-1	75	125	92	97	26.19	cps
Sulfur	34-1	318047	315686	313789	315840	0.68	cps
Terbium	159-1	13956063	13929715	13852265	13912681	0.39	cps
Terbium	159-2	5389921	5385024	5389877	5388274	0.05	cps
Thallium	203-1	792	775	792	786	1.22	cps
Thallium	205-1	1575	1492	1533	1533	2.72	cps
Thorium	232-1	2261	2178	2322	2254	3.22	cps
Tin	118-1	800	833	750	795	5.28	cps
Titanium	47-1	92	92	67	83	17.32	cps
Uranium	238-1	2209	2050	2117	2125	3.74	cps
Vanadium	51-2	3	17	0	7	132.33	cps
Yttrium	89-1	8514369	8421234	8466304	8467302	0.55	cps
Yttrium	89-2	938631	944162	945084	942626	0.37	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:47:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243	177	237	219	16.77	cps
Zirconium	90-1	625	1151	742	839	32.91	cps
Zirconium	91-1	158	200	183	181	11.62	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:51:22 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	1567	1258	1342	14.69	cps
Antimony	121-1	13565	14516	14366	14149	3.61	cps
Arsenic	75-2	187	152	174	171	10.41	cps
Barium	135-1	18455	17946	17912	18104	1.68	cps
Barium	137-1	31562	31178	30827	31189	1.18	cps
Beryllium	9-1	1800	1761	1683	1748	3.40	cps
Bismuth	209-1	9434112	9400635	9457848	9430865	0.30	cps
Bismuth	209-2	4234703	4229671	4254270	4239548	0.31	cps
Boron	10-1	9236	10713	10546	10165	7.95	cps
Boron	11-1	47057	46213	48588	47286	2.55	cps
Cadmium	111-1	4020	3980	3936	3979	1.05	cps
Cadmium	106-1	4234	4184	4092	4170	1.72	cps
Cadmium	108-1	175	167	217	186	14.39	cps
Calcium	43-1	10145	9920	9970	10012	1.18	cps
Calcium	44-1	167386	168971	170996	169118	1.07	cps
Chromium	52-2	3851	3907	4127	3962	3.69	cps
Cobalt	59-2	3024	2950	3014	2996	1.33	cps
Copper	63-2	4591	4524	4888	4667	4.15	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	30	53	53	46	29.57	cps
Gadolinium	160-1	75	58	75	69	13.85	cps
Gadolinium	160-2	167	90	137	131	29.47	cps
Holmium	165-1	13842838	13846075	14027918	13905610	0.76	cps
Holmium	165-2	5668473	5624653	5605261	5632796	0.57	cps
Indium	115-1	8761747	8734722	8790332	8762267	0.32	cps
Indium	115-2	1280411	1280998	1278878	1280096	0.09	cps
Iron	56-2	84939	85274	85761	85325	0.48	cps
Iron	57-2	2000	2284	2122	2135	6.66	cps
Krypton	83-1	723	650	670	681	5.57	cps
Lead	206-1	8609	8859	9009	8825	2.29	cps
Lead	207-1	7130	7330	7791	7417	4.57	cps
Lead	208-1	33189	33812	34446	33816	1.86	cps
Lithium	6-1	3329549	3326477	3356042	3337356	0.49	cps
Magnesium	24-2	86792	85377	86406	86192	0.85	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 13:51:22 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1193	1193	1230	1206	1.76	cps
Molybdenum	94-1	14032	13816	14500	14116	2.48	cps
Molybdenum	95-1	17562	17261	16986	17269	1.67	cps
Molybdenum	96-1	18563	19030	19956	19183	3.70	cps
Molybdenum	97-1	11130	10788	10588	10835	2.53	cps
Molybdenum	98-1	27728	27878	28379	27995	1.22	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	900	753	793	816	9.30	cps
Phosphorus	31-2	133	167	208	169	22.18	cps
Potassium	39-2	62708	62248	62490	62482	0.37	cps
Rhodium	103-1	7479536	7424010	7552898	7485481	0.86	cps
Rhodium	103-2	3289859	3303395	3295448	3296234	0.21	cps
Scandium	45-1	4956299	4945465	4977701	4959822	0.33	cps
Scandium	45-2	190190	190277	191985	190817	0.53	cps
Selenium	77-2	33	30	30	31	6.18	cps
Selenium	78-2	94	81	94	90	8.31	cps
Selenium	82-1	866	809	816	830	3.69	cps
Silicon	28-1	97182	96435	94809	96142	1.26	cps
Silver	109-1	8903	9479	8753	9045	4.23	cps
Silver	107-1	9662	9520	9470	9551	1.04	cps
Sodium	23-2	170103	169992	169397	169831	0.22	cps
Strontium	86-1	3309	3226	3000	3178	5.02	cps
Strontium	88-1	18796	19339	18337	18824	2.66	cps
Sulfur	34-1	318240	321984	323066	321097	0.79	cps
Terbium	159-1	13938276	13932788	13965574	13945546	0.13	cps
Terbium	159-2	5399979	5412627	5361511	5391372	0.49	cps
Thallium	203-1	10363	9520	10321	10068	4.72	cps
Thallium	205-1	23981	24774	23647	24134	2.40	cps
Thorium	232-1	33193	33048	33115	33119	0.22	cps
Tin	118-1	31803	32154	32614	32190	1.26	cps
Titanium	47-1	4368	4718	4451	4512	4.05	cps
Uranium	238-1	33620	34338	34506	34155	1.38	cps
Vanadium	51-2	7148	7285	7112	7182	1.27	cps
Yttrium	89-1	8458451	8455336	8547416	8487068	0.62	cps
Yttrium	89-2	944348	944685	945696	944910	0.07	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 13:51:22	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	837	930	917	894	5.64	cps
Zirconium	90-1	10846	10579	11422	10949	3.93	cps
Zirconium	91-1	2084	2559	2434	2359	10.44	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	167	142	172	19.56	cps
Antimony	121-1	183	250	208	214	15.74	cps
Arsenic	75-2	57	37	50	48	21.41	cps
Barium	135-1	6744	6785	6610	6713	1.36	cps
Barium	137-1	12022	12506	11964	12164	2.45	cps
Beryllium	9-1	39	78	33	50	48.44	cps
Bismuth	209-1	9359890	9302503	9369619	9344004	0.39	cps
Bismuth	209-2	4172892	4160849	4170206	4167982	0.15	cps
Boron	10-1	13999	13882	14215	14032	1.21	cps
Boron	11-1	66497	68197	69292	67996	2.07	cps
Cadmium	111-1	2012	1829	1972	1938	4.95	cps
Cadmium	106-1	4001	3634	3884	3840	4.88	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	13106	13406	13365	13292	1.22	cps
Calcium	44-1	213673	216021	210537	213411	1.29	cps
Chromium	52-2	463	570	540	524	10.49	cps
Cobalt	59-2	80	40	40	53	43.30	cps
Copper	63-2	1520	1593	1497	1537	3.28	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	10	23	17	17	39.99	cps
Erbium	164-1	108	92	67	89	23.59	cps
Erbium	164-2	77	40	63	60	30.93	cps
Gadolinium	160-1	100	58	108	89	30.13	cps
Gadolinium	160-2	127	140	117	128	9.16	cps
Holmium	165-1	13878887	13870320	14036968	13928725	0.67	cps
Holmium	165-2	5643075	5633053	5618399	5631509	0.22	cps
Indium	115-1	8649098	8598833	8632008	8626646	0.30	cps
Indium	115-2	1259798	1251481	1258641	1256640	0.36	cps
Iron	56-2	44819	44880	46189	45296	1.71	cps
Iron	57-2	1078	1161	989	1076	8.01	cps
Krypton	83-1	587	630	607	608	3.57	cps
Lead	206-1	2756	2711	2334	2600	8.92	cps
Lead	207-1	2567	2317	2106	2330	9.91	cps
Lead	208-1	10691	9846	8990	9842	8.64	cps
Lithium	6-1	3338244	3293388	3309326	3313653	0.69	cps
Magnesium	24-2	293886	291225	292383	292498	0.46	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1637	1633	1623	1631	0.43	cps
Molybdenum	94-1	1692	1742	1517	1650	7.16	cps
Molybdenum	95-1	2250	2259	1984	2164	7.23	cps
Molybdenum	96-1	2275	2434	2259	2323	4.16	cps
Molybdenum	97-1	1367	1467	1458	1431	3.88	cps
Molybdenum	98-1	3684	3376	3726	3595	5.32	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	83	100	70	84	17.80	cps
Phosphorus	31-2	108	117	67	97	27.55	cps
Potassium	39-2	195074	194052	195201	194776	0.32	cps
Rhodium	103-1	7369945	7318191	7385828	7357988	0.48	cps
Rhodium	103-2	3271059	3238755	3242239	3250684	0.55	cps
Scandium	45-1	4942004	4939660	4948130	4943265	0.09	cps
Scandium	45-2	191666	189974	189008	190216	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	6	6	10	75.73	cps
Selenium	82-1	70	89	119	93	26.80	cps
Silicon	28-1	555345	556526	555177	555683	0.13	cps
Silver	109-1	67	83	142	97	40.50	cps
Silver	107-1	133	125	192	150	24.22	cps
Sodium	23-2	9545307	9494269	9570170	9536582	0.41	cps
Strontium	86-1	30575	29749	29849	30057	1.50	cps
Strontium	88-1	261348	255877	258556	258594	1.06	cps
Sulfur	34-1	396128	389910	397319	394452	1.01	cps
Terbium	159-1	13867926	13772517	13971819	13870754	0.72	cps
Terbium	159-2	5406378	5391206	5378100	5391895	0.26	cps
Thallium	203-1	1250	1117	1250	1206	6.39	cps
Thallium	205-1	2300	2417	2234	2317	4.01	cps
Thorium	232-1	2067	2156	2195	2139	3.06	cps
Tin	118-1	875	792	858	842	5.24	cps
Titanium	47-1	150	75	108	111	33.82	cps
Uranium	238-1	4159	4176	3759	4031	5.85	cps
Vanadium	51-2	283	343	343	323	10.71	cps
Yttrium	89-1	8430956	8438275	8454993	8441408	0.15	cps
Yttrium	89-2	951627	942150	942570	945449	0.57	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-04DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-106-IDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:54:57	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1937	1974	1847	1919	3.40	cps
Zirconium	90-1	1000	1017	875	964	8.03	cps
Zirconium	91-1	175	167	258	200	25.34	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	400	450	433	6.66	cps
Antimony	121-1	142	267	275	228	32.79	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	22452	21158	22110	21907	3.06	cps
Barium	137-1	39424	38279	37895	38532	2.06	cps
Beryllium	9-1	44	61	56	54	15.80	cps
Bismuth	209-1	9087397	9182081	9061773	9110417	0.70	cps
Bismuth	209-2	4033347	4027548	4055291	4038729	0.36	cps
Boron	10-1	19847	19730	20114	19897	0.99	cps
Boron	11-1	95358	95081	98763	96401	2.13	cps
Cadmium	111-1	2085	2047	1972	2035	2.83	cps
Cadmium	106-1	4084	4059	3876	4006	2.84	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	88657	89771	88313	88913	0.86	cps
Calcium	44-1	1444317	1438901	1442402	1441873	0.19	cps
Chromium	52-2	517	537	547	533	2.86	cps
Cobalt	59-2	47	107	53	69	47.74	cps
Copper	63-2	2410	2360	2440	2404	1.68	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	33	30	0	21	86.96	cps
Erbium	164-1	100	33	58	64	52.72	cps
Erbium	164-2	63	43	57	54	18.71	cps
Gadolinium	160-1	58	42	92	64	39.85	cps
Gadolinium	160-2	120	153	127	133	13.23	cps
Holmium	165-1	13955647	13869402	13908547	13911199	0.31	cps
Holmium	165-2	5584139	5579649	5559055	5574281	0.24	cps
Indium	115-1	8590890	8550074	8554299	8565088	0.26	cps
Indium	115-2	1239058	1237047	1231666	1235924	0.31	cps
Iron	56-2	183908	185246	185022	184726	0.39	cps
Iron	57-2	4862	5262	4957	5027	4.16	cps
Krypton	83-1	577	607	617	600	3.47	cps
Lead	206-1	2734	2639	2800	2724	2.97	cps
Lead	207-1	2456	2417	2473	2448	1.16	cps
Lead	208-1	10680	10146	10724	10517	3.06	cps
Lithium	6-1	3316315	3317266	3318392	3317324	0.03	cps
Magnesium	24-2	1109128	1090167	1109489	1102928	1.00	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11518	11698	11331	11516	1.59	cps
Molybdenum	94-1	400	483	500	461	11.62	cps
Molybdenum	95-1	158	92	125	125	26.67	cps
Molybdenum	96-1	250	158	117	175	38.98	cps
Molybdenum	97-1	83	67	108	86	24.35	cps
Molybdenum	98-1	167	192	183	181	7.05	cps
Neodymium	150-1	73	40	27	47	51.51	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	133	77	83	98	31.68	cps
Phosphorus	31-2	150	150	150	150	0.00	cps
Potassium	39-2	402679	402314	397870	400954	0.67	cps
Rhodium	103-1	7194076	7196116	7165528	7185240	0.24	cps
Rhodium	103-2	3176303	3158672	3180499	3171825	0.37	cps
Scandium	45-1	4944967	4914805	4935058	4931610	0.31	cps
Scandium	45-2	187716	188860	187628	188068	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	11	9	19.98	cps
Selenium	82-1	155	82	233	157	48.00	cps
Silicon	28-1	1615140	1615060	1617360	1615853	0.08	cps
Silver	109-1	175	125	200	167	22.91	cps
Silver	107-1	158	258	175	197	27.17	cps
Sodium	23-2	23244234	22895271	23001957	23047154	0.78	cps
Strontium	86-1	206565	204356	207369	206096	0.76	cps
Strontium	88-1	1791022	1773128	1783345	1782499	0.50	cps
Sulfur	34-1	319603	319192	315646	318147	0.68	cps
Terbium	159-1	13833196	13751353	13847819	13810789	0.38	cps
Terbium	159-2	5322108	5350660	5305458	5326075	0.43	cps
Thallium	203-1	1058	933	1025	1006	6.44	cps
Thallium	205-1	1925	1967	2125	2006	5.26	cps
Thorium	232-1	2100	2034	2200	2111	3.97	cps
Tin	118-1	725	825	825	792	7.29	cps
Titanium	47-1	417	408	467	431	7.33	cps
Uranium	238-1	2250	2284	2417	2317	3.81	cps
Vanadium	51-2	257	243	250	250	2.67	cps
Yttrium	89-1	8373802	8355409	8395527	8374913	0.24	cps
Yttrium	89-2	928009	928559	928919	928496	0.05	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5154-10DLX25	Instrumnet Name :	P7
Client Sample ID :	MW-103-SDL	Dilution Factor :	25
Date & Time Acquired ::	2019-10-16 13:58:31	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	857	833	797	829	3.65	cps
Zirconium	90-1	1025	1033	1075	1045	2.57	cps
Zirconium	91-1	267	208	258	244	12.91	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1867	1942	1903	1.98	cps
Antimony	121-1	1500	1392	1592	1495	6.70	cps
Arsenic	75-2	1704	1685	1633	1674	2.18	cps
Barium	135-1	30768	31278	30685	30910	1.04	cps
Barium	137-1	54758	53922	53906	54195	0.90	cps
Beryllium	9-1	56	44	83	61	32.78	cps
Bismuth	209-1	10117754	10100225	9962299	10060093	0.85	cps
Bismuth	209-2	4223522	4176156	4179476	4193051	0.63	cps
Boron	10-1	18887	19355	19113	19118	1.22	cps
Boron	11-1	90757	89306	90966	90343	1.00	cps
Cadmium	111-1	2205	2177	2220	2201	0.98	cps
Cadmium	106-1	4251	4259	4218	4242	0.52	cps
Cadmium	108-1	38	54	29	40	31.60	cps
Calcium	43-1	2367754	2334501	2305676	2335977	1.33	cps
Calcium	44-1	39200646	39164860	38749416	39038307	0.64	cps
Chromium	52-2	480	437	443	453	5.15	cps
Cobalt	59-2	227	293	247	256	13.39	cps
Copper	63-2	11992	11935	11648	11858	1.55	cps
Dysprosium	156-1	158	158	158	158	0.00	cps
Dysprosium	156-2	60	40	80	60	33.33	cps
Erbium	164-1	200	233	208	214	8.11	cps
Erbium	164-2	67	93	90	83	17.44	cps
Gadolinium	160-1	208	192	142	181	19.22	cps
Gadolinium	160-2	150	147	187	161	13.78	cps
Holmium	165-1	15578601	15469286	15187567	15411818	1.31	cps
Holmium	165-2	5828019	5770749	5689785	5762851	1.21	cps
Indium	115-1	9364635	9289633	9149545	9267938	1.18	cps
Indium	115-2	1263769	1248837	1242082	1251563	0.89	cps
Iron	56-2	365501	358527	361542	361857	0.97	cps
Iron	57-2	18885	18646	19013	18848	0.99	cps
Krypton	83-1	510	613	663	596	13.13	cps
Lead	206-1	9526	9804	9404	9578	2.14	cps
Lead	207-1	8358	8142	8342	8281	1.46	cps
Lead	208-1	37410	37889	36409	37236	2.03	cps
Lithium	6-1	3510112	3482225	3415616	3469318	1.40	cps
Magnesium	24-2	3586961	3528714	3518596	3544757	1.04	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1168018	1148814	1148013	1154948	0.98	cps
Molybdenum	94-1	7802	8503	8236	8180	4.32	cps
Molybdenum	95-1	13465	13482	13790	13579	1.35	cps
Molybdenum	96-1	15276	14875	14817	14989	1.67	cps
Molybdenum	97-1	8845	8528	8369	8581	2.82	cps
Molybdenum	98-1	22494	22652	21750	22299	2.16	cps
Neodymium	150-1	233	173	160	189	20.68	cps
Neodymium	150-2	37	57	50	48	21.31	cps
Nickel	60-2	377	353	383	371	4.24	cps
Phosphorus	31-2	300	275	208	261	18.15	cps
Potassium	39-2	562046	555395	553627	557023	0.80	cps
Rhodium	103-1	7690647	7626875	7538831	7618784	1.00	cps
Rhodium	103-2	3208203	3193735	3176493	3192811	0.50	cps
Scandium	45-1	5288259	5265237	5244494	5265997	0.42	cps
Scandium	45-2	188512	187195	185819	187175	0.72	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	31	24	24	27	16.12	cps
Selenium	82-1	305	169	70	181	64.98	cps
Silicon	28-1	67897527	67017718	66185172	67033472	1.28	cps
Silver	109-1	617	733	833	728	14.90	cps
Silver	107-1	750	833	933	839	10.94	cps
Sodium	23-2	14876784	14703121	14536223	14705376	1.16	cps
Strontium	86-1	2064169	2031980	1997981	2031376	1.63	cps
Strontium	88-1	18726903	18397185	18221642	18448577	1.39	cps
Sulfur	34-1	4724324	4696092	4620576	4680331	1.15	cps
Terbium	159-1	15303086	15440399	15104702	15282729	1.10	cps
Terbium	159-2	5554369	5487780	5439571	5493907	1.05	cps
Thallium	203-1	1392	1542	1167	1367	13.81	cps
Thallium	205-1	2834	3067	2775	2892	5.34	cps
Thorium	232-1	2756	2711	3028	2832	6.06	cps
Tin	118-1	2600	2175	2434	2403	8.91	cps
Titanium	47-1	3134	3317	3109	3187	3.57	cps
Uranium	238-1	178001	176797	174980	176593	0.86	cps
Vanadium	51-2	627	587	657	623	5.63	cps
Yttrium	89-1	9103717	9037585	8917308	9019537	1.05	cps
Yttrium	89-2	941260	936073	932254	936529	0.48	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA0RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:02:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1937	1803	1833	1858	3.77	cps
Zirconium	90-1	1542	1425	1583	1517	5.41	cps
Zirconium	91-1	458	358	400	406	12.39	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7556	6627	6885	7023	6.83	cps
Antimony	121-1	2809	2934	3175	2973	6.27	cps
Arsenic	75-2	1832	1878	1780	1830	2.68	cps
Barium	135-1	43836	43494	43344	43558	0.58	cps
Barium	137-1	78111	78337	76946	77798	0.96	cps
Beryllium	9-1	100	78	61	80	24.50	cps
Bismuth	209-1	10053687	10002084	9832470	9962747	1.16	cps
Bismuth	209-2	4173701	4089755	4078187	4113881	1.27	cps
Boron	10-1	18529	19071	18278	18626	2.18	cps
Boron	11-1	85987	88954	87638	87526	1.70	cps
Cadmium	111-1	2040	1925	2089	2018	4.15	cps
Cadmium	106-1	3867	3617	3892	3792	4.01	cps
Cadmium	108-1	54	63	17	44	54.93	cps
Calcium	43-1	2312013	2289532	2259586	2287044	1.15	cps
Calcium	44-1	38702945	38230526	37971135	38301535	0.97	cps
Chromium	52-2	603	583	563	583	3.43	cps
Cobalt	59-2	497	507	573	526	7.93	cps
Copper	63-2	6341	6251	6238	6277	0.90	cps
Dysprosium	156-1	367	317	367	350	8.25	cps
Dysprosium	156-2	133	157	137	142	8.87	cps
Erbium	164-1	467	450	442	453	2.81	cps
Erbium	164-2	187	210	210	202	6.66	cps
Gadolinium	160-1	450	292	333	358	22.91	cps
Gadolinium	160-2	343	287	243	291	17.23	cps
Holmium	165-1	15329816	15330475	15064731	15241674	1.01	cps
Holmium	165-2	5800637	5630439	5621081	5684052	1.78	cps
Indium	115-1	9258459	9111526	9022320	9130768	1.31	cps
Indium	115-2	1247445	1215966	1226248	1229886	1.31	cps
Iron	56-2	575182	570355	564130	569889	0.97	cps
Iron	57-2	23892	24215	23436	23848	1.64	cps
Krypton	83-1	663	617	620	633	4.11	cps
Lead	206-1	21724	21891	21345	21653	1.29	cps
Lead	207-1	18892	18803	18230	18641	1.93	cps
Lead	208-1	86395	85636	84886	85639	0.88	cps
Lithium	6-1	3451613	3408528	3359447	3406529	1.35	cps
Magnesium	24-2	3531975	3481145	3460178	3491099	1.06	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	438869	434337	431890	435032	0.81	cps
Molybdenum	94-1	20081	19247	19430	19586	2.24	cps
Molybdenum	95-1	32956	33440	33381	33259	0.80	cps
Molybdenum	96-1	36055	34944	34818	35272	1.93	cps
Molybdenum	97-1	21684	21726	20632	21347	2.90	cps
Molybdenum	98-1	54831	53928	54045	54268	0.91	cps
Neodymium	150-1	520	540	460	507	8.22	cps
Neodymium	150-2	153	137	147	146	5.76	cps
Nickel	60-2	583	657	630	623	5.96	cps
Phosphorus	31-2	192	175	183	183	4.54	cps
Potassium	39-2	525312	523404	519034	522584	0.62	cps
Rhodium	103-1	7497933	7444470	7406814	7449739	0.61	cps
Rhodium	103-2	3173472	3110124	3124879	3136159	1.06	cps
Scandium	45-1	5237388	5206879	5132486	5192251	1.04	cps
Scandium	45-2	187266	182185	182201	183884	1.59	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	35	50	63	49	28.14	cps
Selenium	82-1	212	213	382	269	36.47	cps
Silicon	28-1	66902104	66552501	65298558	66251054	1.27	cps
Silver	109-1	1167	967	908	1014	13.37	cps
Silver	107-1	1167	1067	1075	1103	5.03	cps
Sodium	23-2	14164082	14055200	13774640	13997974	1.44	cps
Strontium	86-1	2023881	1983671	1960597	1989383	1.61	cps
Strontium	88-1	18294234	18127261	17986654	18136050	0.85	cps
Sulfur	34-1	4756696	4704628	4685972	4715765	0.78	cps
Terbium	159-1	15194544	15160301	14929103	15094649	0.96	cps
Terbium	159-2	5541580	5399808	5363260	5434883	1.73	cps
Thallium	203-1	1142	992	1000	1045	8.07	cps
Thallium	205-1	2325	1984	1967	2092	9.67	cps
Thorium	232-1	3039	3056	2978	3025	1.35	cps
Tin	118-1	1617	1292	1650	1520	13.03	cps
Titanium	47-1	9495	10012	9820	9776	2.67	cps
Uranium	238-1	339069	336170	333398	336212	0.84	cps
Vanadium	51-2	2020	1950	1830	1933	4.97	cps
Yttrium	89-1	8982239	8895283	8823345	8900289	0.89	cps
Yttrium	89-2	930176	908349	913638	917388	1.24	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20RE	Instrumnet Name :	P7
Client Sample ID :	MH0GA2RE	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:05:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3260	3247	3060	3189	3.51	cps
Zirconium	90-1	1734	1717	1725	1725	0.48	cps
Zirconium	91-1	400	342	425	389	11.00	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11455	11722	11563	11580	1.16	cps
Antimony	121-1	2292	2134	2067	2164	5.34	cps
Arsenic	75-2	2556	2526	2550	2544	0.62	cps
Barium	135-1	85990	86410	84414	85605	1.23	cps
Barium	137-1	152637	149252	149287	150392	1.29	cps
Beryllium	9-1	117	94	111	107	10.77	cps
Bismuth	209-1	9709465	9462867	9595799	9589377	1.29	cps
Bismuth	209-2	4040872	3948308	3963008	3984063	1.25	cps
Boron	10-1	15600	15317	15016	15311	1.91	cps
Boron	11-1	71587	72809	71905	72100	0.88	cps
Cadmium	111-1	2049	1980	2189	2072	5.14	cps
Cadmium	106-1	3917	3767	4126	3937	4.57	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	2173507	2138763	2123738	2145336	1.19	cps
Calcium	44-1	36297622	35811327	35441857	35850269	1.20	cps
Chromium	52-2	757	713	820	763	7.03	cps
Cobalt	59-2	2077	1977	2134	2062	3.85	cps
Copper	63-2	5658	5861	6085	5868	3.64	cps
Dysprosium	156-1	767	817	967	850	12.25	cps
Dysprosium	156-2	273	327	290	297	9.20	cps
Erbium	164-1	833	625	733	731	14.26	cps
Erbium	164-2	293	293	353	313	11.06	cps
Gadolinium	160-1	625	708	558	631	11.92	cps
Gadolinium	160-2	360	443	410	404	10.37	cps
Holmium	165-1	14765036	14561799	14664533	14663789	0.69	cps
Holmium	165-2	5596070	5457983	5470837	5508297	1.38	cps
Indium	115-1	8763085	8647802	8655043	8688643	0.74	cps
Indium	115-2	1191074	1164849	1162913	1172945	1.34	cps
Iron	56-2	1163489	1150199	1145154	1152947	0.82	cps
Iron	57-2	40540	38144	37559	38748	4.08	cps
Krypton	83-1	543	547	620	570	7.60	cps
Lead	206-1	10677	10610	10149	10478	2.75	cps
Lead	207-1	8859	9103	9315	9092	2.51	cps
Lead	208-1	42038	41215	41115	41456	1.22	cps
Lithium	6-1	3286479	3216656	3215700	3239612	1.25	cps
Magnesium	24-2	3223831	3227678	3172753	3208087	0.96	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5956774	5878100	5815471	5883448	1.20	cps
Molybdenum	94-1	2517	2817	2684	2673	5.63	cps
Molybdenum	95-1	3159	3059	2942	3053	3.55	cps
Molybdenum	96-1	3150	3292	3401	3281	3.82	cps
Molybdenum	97-1	1792	2009	1817	1872	6.33	cps
Molybdenum	98-1	4576	4976	4593	4715	4.80	cps
Neodymium	150-1	1000	1080	1007	1029	4.31	cps
Neodymium	150-2	340	300	333	324	6.60	cps
Nickel	60-2	1823	1924	1767	1838	4.32	cps
Phosphorus	31-2	242	250	242	244	1.97	cps
Potassium	39-2	505925	503271	496809	502002	0.93	cps
Rhodium	103-1	7127686	7045872	7083032	7085530	0.58	cps
Rhodium	103-2	3027656	2995147	2988129	3003644	0.70	cps
Scandium	45-1	4897998	4817296	4814334	4843209	0.98	cps
Scandium	45-2	176514	172302	170548	173121	1.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	20	9	15	37.50	cps
Selenium	82-1	111	118	84	104	17.25	cps
Silicon	28-1	63139501	62334322	62173845	62549223	0.83	cps
Silver	109-1	1083	1083	1183	1117	5.17	cps
Silver	107-1	1000	1042	1158	1067	7.69	cps
Sodium	23-2	10725922	10682335	10494498	10634252	1.16	cps
Strontium	86-1	2040717	2004848	1998819	2014795	1.12	cps
Strontium	88-1	18453277	18165994	18135800	18251690	0.96	cps
Sulfur	34-1	4778563	4704236	4692959	4725253	0.98	cps
Terbium	159-1	14613025	14514754	14400031	14509270	0.73	cps
Terbium	159-2	5301002	5228166	5212889	5247352	0.90	cps
Thallium	203-1	933	983	1033	983	5.09	cps
Thallium	205-1	1525	1675	1558	1586	4.97	cps
Thorium	232-1	3801	3817	3973	3864	2.46	cps
Tin	118-1	1750	1484	1767	1667	9.54	cps
Titanium	47-1	16218	15984	15751	15984	1.46	cps
Uranium	238-1	66314	64087	65628	65343	1.75	cps
Vanadium	51-2	1043	937	1090	1023	7.68	cps
Yttrium	89-1	8495038	8363448	8383342	8413943	0.84	cps
Yttrium	89-2	890796	871739	872751	878429	1.22	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-21	Instrumnet Name :	P7
Client Sample ID :	MH0GA4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:09:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5735	5785	5891	5803	1.38	cps
Zirconium	90-1	2659	2634	2759	2684	2.46	cps
Zirconium	91-1	692	600	558	617	11.06	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-22	Instrumnet Name :	P7
Client Sample ID :	MH0GA6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7027	6818	6969	6938	1.55	cps
Antimony	121-1	1508	1342	1583	1478	8.37	cps
Arsenic	75-2	1165	1113	1100	1126	3.05	cps
Barium	135-1	53780	52266	50661	52235	2.99	cps
Barium	137-1	92288	91795	91634	91906	0.37	cps
Beryllium	9-1	117	111	111	113	2.84	cps
Bismuth	209-1	9386885	9404619	9146317	9312607	1.55	cps
Bismuth	209-2	3864566	3838336	3830435	3844446	0.46	cps
Boron	10-1	18095	18262	18203	18187	0.47	cps
Boron	11-1	85500	87914	85943	86453	1.49	cps
Cadmium	111-1	1973	1862	2065	1967	5.18	cps
Cadmium	106-1	3842	3584	4034	3820	5.91	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	3715708	3658503	3621115	3665109	1.30	cps
Calcium	44-1	62458697	61995683	60789016	61747799	1.40	cps
Chromium	52-2	563	493	443	500	12.06	cps
Cobalt	59-2	5311	5331	5424	5356	1.13	cps
Copper	63-2	3971	3874	4054	3966	2.27	cps
Dysprosium	156-1	525	633	475	544	14.87	cps
Dysprosium	156-2	253	187	200	213	16.54	cps
Erbium	164-1	383	467	408	419	10.20	cps
Erbium	164-2	187	183	220	197	10.31	cps
Gadolinium	160-1	442	467	500	469	6.23	cps
Gadolinium	160-2	287	250	250	262	8.07	cps
Holmium	165-1	14603274	14607831	14334436	14515180	1.08	cps
Holmium	165-2	5384250	5381225	5406304	5390593	0.25	cps
Indium	115-1	8499940	8420958	8318480	8413126	1.08	cps
Indium	115-2	1124130	1120758	1118279	1121056	0.26	cps
Iron	56-2	682113	684871	682872	683286	0.21	cps
Iron	57-2	32091	32164	32130	32128	0.11	cps
Krypton	83-1	587	507	523	539	7.83	cps
Lead	206-1	10054	10121	9987	10054	0.66	cps
Lead	207-1	8631	8636	8486	8585	0.99	cps
Lead	208-1	39613	39095	38166	38958	1.88	cps
Lithium	6-1	3136325	3120130	3046265	3100907	1.55	cps
Magnesium	24-2	5883754	5862676	5817062	5854497	0.58	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-22	Instrumnet Name :	P7
Client Sample ID :	MH0GA6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11683472	11670237	11572838	11642182	0.52	cps
Molybdenum	94-1	14274	13690	14116	14027	2.15	cps
Molybdenum	95-1	23069	23470	22585	23042	1.92	cps
Molybdenum	96-1	25574	24605	23462	24547	4.31	cps
Molybdenum	97-1	14967	14299	13999	14422	3.43	cps
Molybdenum	98-1	38336	38260	38478	38358	0.29	cps
Neodymium	150-1	647	800	620	689	14.10	cps
Neodymium	150-2	167	180	207	184	11.04	cps
Nickel	60-2	6341	6562	6515	6473	1.79	cps
Phosphorus	31-2	142	125	125	131	7.37	cps
Potassium	39-2	703720	704685	698193	702200	0.50	cps
Rhodium	103-1	6825777	6794012	6667838	6762542	1.24	cps
Rhodium	103-2	2845318	2842258	2844340	2843972	0.05	cps
Scandium	45-1	4722354	4691098	4586987	4666813	1.52	cps
Scandium	45-2	167272	166766	166082	166706	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	11	6	13	65.44	cps
Selenium	82-1	63	60	100	74	30.19	cps
Silicon	28-1	71591929	70757350	69599293	70649524	1.42	cps
Silver	109-1	992	867	1083	981	11.09	cps
Silver	107-1	1000	1158	983	1047	9.22	cps
Sodium	23-2	15650407	15439760	15401736	15497301	0.86	cps
Strontium	86-1	3574655	3536167	3456922	3522581	1.70	cps
Strontium	88-1	32801107	32486750	32121780	32469879	1.05	cps
Sulfur	34-1	8660598	8587015	8455593	8567735	1.21	cps
Terbium	159-1	14538179	14395276	14188108	14373855	1.22	cps
Terbium	159-2	5149074	5094326	5105633	5116345	0.56	cps
Thallium	203-1	958	1033	992	995	3.78	cps
Thallium	205-1	1867	1850	1800	1839	1.89	cps
Thorium	232-1	5746	5557	5223	5509	4.80	cps
Tin	118-1	1600	1675	1717	1664	3.55	cps
Titanium	47-1	8503	7794	8086	8128	4.38	cps
Uranium	238-1	63919	64429	61500	63283	2.47	cps
Vanadium	51-2	407	443	383	411	7.36	cps
Yttrium	89-1	8243209	8165803	8091475	8166829	0.93	cps
Yttrium	89-2	839758	834411	836730	836966	0.32	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-22	Instrumnet Name :	P7
Client Sample ID :	MH0GA6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:12:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8746	8639	8539	8642	1.20	cps
Zirconium	90-1	2542	2175	2117	2278	10.12	cps
Zirconium	91-1	558	483	525	522	7.20	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1625	1417	1478	8.67	cps
Antimony	121-1	1575	1550	1625	1583	2.41	cps
Arsenic	75-2	1474	1448	1470	1464	0.96	cps
Barium	135-1	30142	30919	27386	29482	6.30	cps
Barium	137-1	51179	50066	50577	50607	1.10	cps
Beryllium	9-1	56	33	61	50	29.40	cps
Bismuth	209-1	9792753	9668494	9492585	9651277	1.56	cps
Bismuth	209-2	3916735	3923051	3931048	3923611	0.18	cps
Boron	10-1	17310	18303	17828	17814	2.79	cps
Boron	11-1	81185	83749	81990	82308	1.59	cps
Cadmium	111-1	1886	1927	1938	1917	1.42	cps
Cadmium	106-1	3634	3734	3759	3709	1.78	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	2116498	2102173	2057902	2092191	1.46	cps
Calcium	44-1	35095011	35118457	34648838	34954102	0.76	cps
Chromium	52-2	447	283	390	373	22.21	cps
Cobalt	59-2	270	267	227	254	9.48	cps
Copper	63-2	10661	10964	11004	10876	1.73	cps
Dysprosium	156-1	92	125	192	136	37.41	cps
Dysprosium	156-2	50	63	60	58	12.01	cps
Erbium	164-1	192	133	158	161	18.17	cps
Erbium	164-2	87	60	100	82	24.77	cps
Gadolinium	160-1	175	125	183	161	19.58	cps
Gadolinium	160-2	177	143	127	149	17.10	cps
Holmium	165-1	14992767	14680335	14497058	14723387	1.70	cps
Holmium	165-2	5451933	5392222	5410206	5418120	0.57	cps
Indium	115-1	8784335	8614376	8470263	8622991	1.82	cps
Indium	115-2	1131878	1138913	1126604	1132465	0.55	cps
Iron	56-2	320738	316321	318700	318586	0.69	cps
Iron	57-2	16576	16398	15687	16220	2.90	cps
Krypton	83-1	540	563	593	566	4.73	cps
Lead	206-1	9098	8792	8953	8948	1.71	cps
Lead	207-1	7780	7864	7213	7619	4.64	cps
Lead	208-1	35920	35369	34658	35316	1.79	cps
Lithium	6-1	3242695	3159158	3088518	3163457	2.44	cps
Magnesium	24-2	3149345	3118890	3105311	3124515	0.72	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1033600	1020755	1017544	1023966	0.83	cps
Molybdenum	94-1	7686	7519	6877	7361	5.80	cps
Molybdenum	95-1	12873	12364	12264	12500	2.61	cps
Molybdenum	96-1	13582	13524	13449	13518	0.49	cps
Molybdenum	97-1	7969	8153	7394	7839	5.05	cps
Molybdenum	98-1	20373	20457	20081	20304	0.97	cps
Neodymium	150-1	207	213	167	196	12.90	cps
Neodymium	150-2	50	40	47	46	11.18	cps
Nickel	60-2	383	317	400	367	12.03	cps
Phosphorus	31-2	183	192	158	178	9.76	cps
Potassium	39-2	487049	485389	480277	484238	0.73	cps
Rhodium	103-1	7116899	6938005	6825506	6960136	2.11	cps
Rhodium	103-2	2885262	2886370	2858932	2876855	0.54	cps
Scandium	45-1	4766469	4717520	4663058	4715682	1.10	cps
Scandium	45-2	165681	165648	162904	164744	0.97	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	15	26	15	19	34.67	cps
Selenium	82-1	155	140	136	144	6.86	cps
Silicon	28-1	60029666	59494841	58443341	59322616	1.36	cps
Silver	109-1	492	600	500	531	11.36	cps
Silver	107-1	683	542	575	600	12.34	cps
Sodium	23-2	13152101	12966937	13004956	13041331	0.75	cps
Strontium	86-1	1905460	1864981	1828876	1866439	2.05	cps
Strontium	88-1	17319492	17108535	16838790	17088939	1.41	cps
Sulfur	34-1	4231736	4181139	4119397	4177424	1.35	cps
Terbium	159-1	14879500	14551156	14347942	14592866	1.84	cps
Terbium	159-2	5152602	5159955	5142479	5151678	0.17	cps
Thallium	203-1	750	575	658	661	13.24	cps
Thallium	205-1	1142	1133	983	1086	8.20	cps
Thorium	232-1	2789	2978	2917	2895	3.33	cps
Tin	118-1	2175	2192	1667	2011	14.84	cps
Titanium	47-1	3717	2892	2642	3084	18.25	cps
Uranium	238-1	167592	168118	164230	166647	1.27	cps
Vanadium	51-2	693	587	587	622	9.90	cps
Yttrium	89-1	8428330	8289556	8148473	8288786	1.69	cps
Yttrium	89-2	841032	839055	836085	838724	0.30	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-19	Instrumnet Name :	P7
Client Sample ID :	MH0GA0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:16:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1647	1707	1693	1682	1.87	cps
Zirconium	90-1	1200	1050	1100	1117	6.84	cps
Zirconium	91-1	233	283	225	247	12.76	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6368	6110	5726	6068	5.32	cps
Antimony	121-1	2875	2900	2642	2806	5.08	cps
Arsenic	75-2	1559	1478	1554	1530	2.98	cps
Barium	135-1	41697	40777	39239	40571	3.06	cps
Barium	137-1	73403	71693	71852	72316	1.31	cps
Beryllium	9-1	39	61	78	59	32.92	cps
Bismuth	209-1	9540978	9413907	9282219	9412368	1.37	cps
Bismuth	209-2	3901871	3837532	3909532	3882978	1.02	cps
Boron	10-1	16451	16610	16743	16601	0.88	cps
Boron	11-1	78689	77959	75598	77415	2.09	cps
Cadmium	111-1	1940	1810	1765	1839	4.94	cps
Cadmium	106-1	3717	3492	3442	3551	4.13	cps
Cadmium	108-1	29	33	29	31	7.86	cps
Calcium	43-1	2042628	2007224	1969477	2006443	1.82	cps
Calcium	44-1	34211720	33409457	33204082	33608420	1.58	cps
Chromium	52-2	460	527	490	492	6.78	cps
Cobalt	59-2	543	537	530	537	1.24	cps
Copper	63-2	5471	5384	5564	5473	1.65	cps
Dysprosium	156-1	367	400	358	375	5.88	cps
Dysprosium	156-2	110	113	160	128	21.88	cps
Erbium	164-1	358	258	425	347	24.16	cps
Erbium	164-2	143	173	163	160	9.55	cps
Gadolinium	160-1	317	358	358	344	6.99	cps
Gadolinium	160-2	230	170	263	221	21.39	cps
Holmium	165-1	14493385	14398057	14026112	14305851	1.73	cps
Holmium	165-2	5355569	5330926	5365289	5350595	0.33	cps
Indium	115-1	8348456	8310986	8202996	8287479	0.91	cps
Indium	115-2	1112038	1113144	1116703	1113961	0.22	cps
Iron	56-2	499076	496858	496127	497354	0.31	cps
Iron	57-2	20698	20403	21004	20702	1.45	cps
Krypton	83-1	530	477	533	513	6.19	cps
Lead	206-1	21179	21056	19821	20685	3.63	cps
Lead	207-1	18068	17462	17373	17634	2.15	cps
Lead	208-1	82356	80591	78453	80467	2.43	cps
Lithium	6-1	3041603	3009518	2971491	3007537	1.17	cps
Magnesium	24-2	3066488	3025051	3059549	3050363	0.73	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	380611	376928	377615	378385	0.52	cps
Molybdenum	94-1	17770	17703	17353	17609	1.27	cps
Molybdenum	95-1	30358	30542	30174	30358	0.61	cps
Molybdenum	96-1	32388	32555	30876	31939	2.90	cps
Molybdenum	97-1	20182	19064	18538	19261	4.36	cps
Molybdenum	98-1	49387	50432	47614	49144	2.90	cps
Neodymium	150-1	360	453	607	473	26.31	cps
Neodymium	150-2	123	127	110	120	7.35	cps
Nickel	60-2	543	573	510	542	5.84	cps
Phosphorus	31-2	158	183	117	153	22.04	cps
Potassium	39-2	451613	449260	447746	449540	0.43	cps
Rhodium	103-1	6736808	6736262	6565149	6679407	1.48	cps
Rhodium	103-2	2817123	2822914	2835633	2825223	0.34	cps
Scandium	45-1	4613056	4494196	4456658	4521303	1.81	cps
Scandium	45-2	162156	161233	161054	161481	0.37	cps
Selenium	77-2	20	17	10	16	32.73	cps
Selenium	78-2	37	35	33	35	5.27	cps
Selenium	82-1	284	390	268	314	21.17	cps
Silicon	28-1	57473918	57261787	56233191	56989632	1.16	cps
Silver	109-1	750	725	783	753	3.89	cps
Silver	107-1	792	1017	850	886	13.18	cps
Sodium	23-2	12392776	12144952	12217370	12251699	1.04	cps
Strontium	86-1	1817201	1796863	1769702	1794589	1.33	cps
Strontium	88-1	16596786	16387462	16039996	16341415	1.72	cps
Sulfur	34-1	4175167	4134065	4048119	4119117	1.57	cps
Terbium	159-1	14317699	14210338	14003419	14177152	1.13	cps
Terbium	159-2	5103824	5064029	5069175	5079009	0.43	cps
Thallium	203-1	692	858	825	792	11.14	cps
Thallium	205-1	1075	1275	1150	1167	8.66	cps
Thorium	232-1	2839	2917	2711	2823	3.68	cps
Tin	118-1	1200	1225	1292	1239	3.82	cps
Titanium	47-1	9061	8786	8436	8761	3.58	cps
Uranium	238-1	327073	319306	312971	319784	2.21	cps
Vanadium	51-2	1743	1787	1917	1816	4.97	cps
Yttrium	89-1	8103405	7974019	7848823	7975416	1.60	cps
Yttrium	89-2	827831	820217	820473	822840	0.53	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	K5170-20	Instrumnet Name :	P7
Client Sample ID :	MH0GA2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:19:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2957	2750	2670	2793	5.30	cps
Zirconium	90-1	1550	1392	1342	1428	7.62	cps
Zirconium	91-1	433	317	283	344	22.87	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2326137	2359417	2341026	2342193	0.71	cps
Antimony	121-1	2665388	2650215	2670367	2661990	0.39	cps
Arsenic	75-2	56468	55719	56749	56312	0.95	cps
Barium	135-1	3402928	3392052	3422072	3405684	0.45	cps
Barium	137-1	6183285	6179671	6245079	6202678	0.59	cps
Beryllium	9-1	564394	556612	559557	560188	0.70	cps
Bismuth	209-1	7284011	7326526	7317948	7309495	0.31	cps
Bismuth	209-2	3136488	3178258	3152833	3155860	0.67	cps
Boron	10-1	120619	119638	121266	120508	0.68	cps
Boron	11-1	555644	563881	565008	561511	0.91	cps
Cadmium	111-1	734111	726471	735584	732056	0.67	cps
Cadmium	106-1	94943	94615	95111	94890	0.27	cps
Cadmium	108-1	63680	61926	61914	62507	1.63	cps
Calcium	43-1	3558905	3544996	3550555	3551486	0.20	cps
Calcium	44-1	59434745	59437151	59665718	59512538	0.22	cps
Chromium	52-2	650009	652823	650622	651152	0.23	cps
Cobalt	59-2	976186	985526	990655	984123	0.75	cps
Copper	63-2	1419199	1435347	1436388	1430311	0.67	cps
Dysprosium	156-1	125	83	108	106	19.87	cps
Dysprosium	156-2	50	63	63	59	13.07	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	33	37	80	50	52.07	cps
Gadolinium	160-1	67	92	42	67	37.50	cps
Gadolinium	160-2	107	107	110	108	1.78	cps
Holmium	165-1	12006985	12116920	12093440	12072449	0.48	cps
Holmium	165-2	4575942	4620302	4661237	4619160	0.92	cps
Indium	115-1	6636753	6705489	6659162	6667134	0.53	cps
Indium	115-2	916972	945815	939161	933983	1.62	cps
Iron	56-2	132996775	133231470	133698936	133309060	0.27	cps
Iron	57-2	3314846	3338425	3335830	3329700	0.39	cps
Krypton	83-1	497	507	540	514	4.41	cps
Lead	206-1	3076497	3075705	3077558	3076587	0.03	cps
Lead	207-1	2686340	2664980	2670383	2673901	0.42	cps
Lead	208-1	12561106	12500888	12530044	12530679	0.24	cps
Lithium	6-1	2450826	2455265	2443975	2450022	0.23	cps
Magnesium	24-2	28852213	29218039	29007963	29026072	0.63	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	747677	755075	758697	753816	0.75	cps
Molybdenum	94-1	5300623	5280573	5328724	5303307	0.46	cps
Molybdenum	95-1	6568242	6489614	6551842	6536566	0.63	cps
Molybdenum	96-1	7279265	7225640	7280214	7261706	0.43	cps
Molybdenum	97-1	3923663	3893902	3928094	3915220	0.47	cps
Molybdenum	98-1	10573256	10545104	10621688	10580016	0.37	cps
Neodymium	150-1	400	387	427	404	5.04	cps
Neodymium	150-2	17	30	13	20	44.10	cps
Nickel	60-2	250499	251815	251775	251363	0.30	cps
Phosphorus	31-2	20481	20965	20573	20673	1.24	cps
Potassium	39-2	10062857	10044332	10095065	10067418	0.26	cps
Rhodium	103-1	5248500	5235453	5255093	5246349	0.19	cps
Rhodium	103-2	2279235	2332165	2332406	2314602	1.32	cps
Scandium	45-1	3657972	3690245	3660824	3669680	0.49	cps
Scandium	45-2	138783	142521	142635	141313	1.55	cps
Selenium	77-2	1910	1867	1877	1885	1.20	cps
Selenium	78-2	6335	5985	5996	6105	3.26	cps
Selenium	82-1	56600	55907	56015	56174	0.66	cps
Silicon	28-1	1502287	1505859	1525706	1511284	0.83	cps
Silver	109-1	3070926	3043861	3051202	3055329	0.46	cps
Silver	107-1	3179836	3142114	3142684	3154878	0.69	cps
Sodium	23-2	57960264	58051787	58092620	58034890	0.12	cps
Strontium	86-1	821807	815861	824728	820799	0.55	cps
Strontium	88-1	7361014	7311750	7356420	7343061	0.37	cps
Sulfur	34-1	540453	530636	533849	534979	0.94	cps
Terbium	159-1	11921677	11829877	11898108	11883221	0.40	cps
Terbium	159-2	4306859	4389687	4398593	4365046	1.16	cps
Thallium	203-1	3710065	3718209	3718873	3715716	0.13	cps
Thallium	205-1	9385939	9308637	9380853	9358477	0.46	cps
Thorium	232-1	14401737	14357170	14455214	14404707	0.34	cps
Tin	118-1	2366134	2303184	2342927	2337415	1.36	cps
Titanium	47-1	1572877	1583945	1572558	1576460	0.41	cps
Uranium	238-1	14254120	14204892	14256885	14238632	0.21	cps
Vanadium	51-2	494172	492669	493290	493377	0.15	cps
Yttrium	89-1	6624827	6617013	6629662	6623834	0.10	cps
Yttrium	89-2	707833	726667	716600	717033	1.31	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:23:32	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	245805	249155	249489	248150	0.82	cps
Zirconium	90-1	4226327	4186192	4229760	4214093	0.57	cps
Zirconium	91-1	976276	958957	962911	966048	0.94	cps

LB Number : LB105753 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-16 14:27:09 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	75	67	100	50.69	cps
Antimony	121-1	1959	2034	1959	1984	2.18	cps
Arsenic	75-2	11	7	4	7	50.02	cps
Barium	135-1	283	192	125	200	39.75	cps
Barium	137-1	433	433	267	378	25.47	cps
Beryllium	9-1	144	178	167	163	10.42	cps
Bismuth	209-1	8674752	8806458	8845008	8775406	1.02	cps
Bismuth	209-2	3795789	3779563	3775360	3783571	0.29	cps
Boron	10-1	5276	5201	4876	5118	4.16	cps
Boron	11-1	25614	23661	22443	23906	6.69	cps
Cadmium	111-1	1859	1814	1754	1809	2.89	cps
Cadmium	106-1	3492	3401	3326	3406	2.45	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	358	375	225	319	25.74	cps
Calcium	44-1	7769	6435	6027	6744	13.51	cps
Chromium	52-2	283	300	330	304	7.77	cps
Cobalt	59-2	63	50	63	59	13.07	cps
Copper	63-2	1217	1170	1163	1183	2.46	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	27	27	20	24	15.75	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	53	47	47	49	7.86	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Gadolinium	160-2	87	60	117	88	32.30	cps
Holmium	165-1	12404317	12600891	12666345	12557184	1.09	cps
Holmium	165-2	4965367	4952639	4939932	4952646	0.26	cps
Indium	115-1	7490742	7584158	7627153	7567351	0.92	cps
Indium	115-2	1072835	1069475	1075618	1072643	0.29	cps
Iron	56-2	6607	6074	6696	6459	5.21	cps
Iron	57-2	150	161	139	150	7.41	cps
Krypton	83-1	570	537	580	562	4.04	cps
Lead	206-1	1539	1317	1267	1374	10.55	cps
Lead	207-1	1395	1222	1295	1304	6.63	cps
Lead	208-1	5545	4856	4834	5078	7.96	cps
Lithium	6-1	2726763	2743321	2773090	2747725	0.85	cps
Magnesium	24-2	1225	1008	1192	1142	10.22	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:27:09	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	100	107	108	7.78	cps
Molybdenum	94-1	883	858	900	881	2.38	cps
Molybdenum	95-1	1267	925	950	1047	18.19	cps
Molybdenum	96-1	1333	1050	1042	1142	14.54	cps
Molybdenum	97-1	667	525	467	553	18.61	cps
Molybdenum	98-1	1684	1517	1467	1556	7.29	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	43	40	53	46	15.23	cps
Phosphorus	31-2	50	42	58	50	16.67	cps
Potassium	39-2	6835	6518	6193	6516	4.93	cps
Rhodium	103-1	6164589	6274786	6289235	6242870	1.09	cps
Rhodium	103-2	2760212	2758654	2764848	2761238	0.12	cps
Scandium	45-1	3962035	3976746	4008328	3982370	0.59	cps
Scandium	45-2	154424	153990	153959	154124	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	29	24	6	20	59.67	cps
Silicon	28-1	53772	54408	54458	54213	0.71	cps
Silver	109-1	425	450	367	414	10.33	cps
Silver	107-1	508	350	475	444	18.78	cps
Sodium	23-2	18061	17561	16818	17480	3.58	cps
Strontium	86-1	1075	900	925	967	9.79	cps
Strontium	88-1	692	750	592	678	11.81	cps
Sulfur	34-1	272931	275673	278887	275830	1.08	cps
Terbium	159-1	12347859	12547492	12564331	12486561	0.96	cps
Terbium	159-2	4737092	4690831	4746235	4724719	0.63	cps
Thallium	203-1	1892	1784	1692	1789	5.60	cps
Thallium	205-1	4193	3792	3201	3728	13.39	cps
Thorium	232-1	5185	5029	4818	5010	3.67	cps
Tin	118-1	1433	1450	1408	1431	1.47	cps
Titanium	47-1	250	192	200	214	14.75	cps
Uranium	238-1	3476	3417	2900	3264	9.70	cps
Vanadium	51-2	10	13	20	14	35.26	cps
Yttrium	89-1	7106338	7196293	7193416	7165349	0.71	cps
Yttrium	89-2	777702	776568	778435	777568	0.12	cps

LB Number :	LB105753	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-10-16 14:27:09	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	193	157	190	16.74	cps
Zirconium	90-1	908	1025	958	964	6.07	cps
Zirconium	91-1	300	300	208	269	19.64	cps