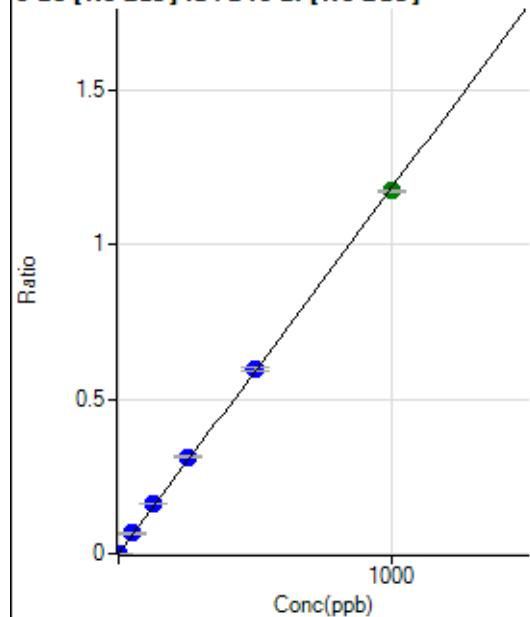


Batch Folder: D:\P8101118-MS.b\
Analysis File: P8101118-MS.batch.bin
DA Date-Time: 2018-10-11 17:05:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-11 12:15:40
2			
3	005CALS.d	S02	2018-10-11 12:22:26
4	006CALS.d	S03	2018-10-11 12:26:45
5	007CALS.d	S04	2018-10-11 12:30:30
6	008CALS.d	S05	2018-10-11 12:34:06
7	009CALS.d	S06	2018-10-11 12:37:38
8	010CALS.d	S07	2018-10-11 12:41:06
9	011CALS.d	S08	2018-10-11 12:44:32

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	109.26	0.0001	P	41.2
2	☐	0.100					
3	☐	1.000	1.093	1557.53	0.0014	P	5.9
4	☐	50.000	55.645	72591.73	0.0658	P	4.6
5	☐	125.000	137.795	180221.07	0.1628	P	0.9
6	☐	250.000	265.549	344086.27	0.3136	P	0.6
7	☐	500.000	503.040	622594.84	0.5940	P	2.3
8	☐	1000.000	992.711	1194991.79	1.1721	A	0.5
9	☐			890.80	0.0009	P	15.7

$$y = 0.0012 * x + 9.7504E-005$$

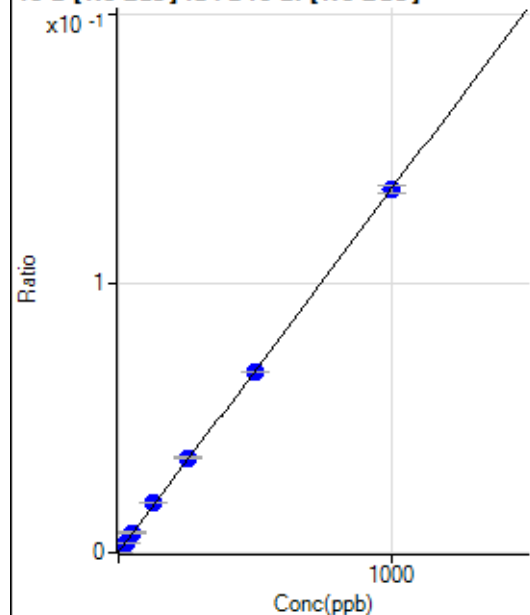
$$R = 0.9998$$

$$DL = 0.1021$$

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	208.34	0.0002	P	14.0
2	☐	2.500					
3	☐	25.000	26.012	4145.21	0.0037	P	4.2
4	☐	50.000	53.869	8211.02	0.0074	P	6.3
5	☐	125.000	136.933	20637.75	0.0186	P	1.1
6	☐	250.000	259.949	38644.72	0.0352	P	2.9
7	☐	500.000	495.734	70236.04	0.0670	P	0.5
8	☐	1000.000	997.935	137300.30	0.1347	P	2.3
9	☐			6601.82	0.0066	P	7.3

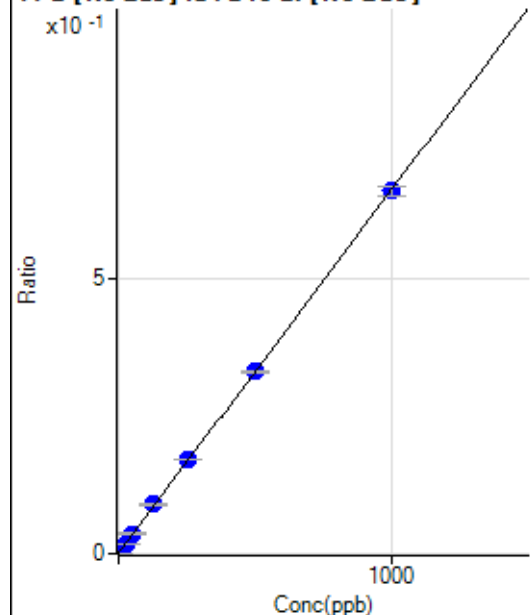
$$y = 1.3477E-004 * x + 1.8606E-004$$

$$R = 0.9999$$

$$DL = 0.5808$$

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	977.86	0.0009	P	7.8
2	☐	2.500					
3	☐	25.000	27.123	21124.64	0.0188	P	1.3
4	☐	50.000	52.692	39405.15	0.0357	P	6.7
5	☐	125.000	133.675	98872.41	0.0893	P	2.6
6	☐	250.000	257.277	187715.24	0.1711	P	1.5
7	☐	500.000	499.614	347417.00	0.3314	P	0.6
8	☐	1000.000	997.102	673360.16	0.6605	P	2.5
9	☐			31023.59	0.0311	P	8.1

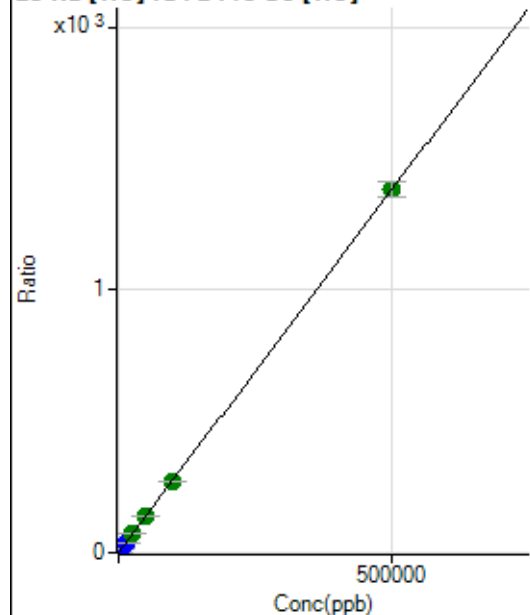
$$y = 6.6155E-004 * x + 8.7300E-004$$

$$R = 1.0000$$

$$DL = 0.31$$

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	4664.85	0.1816	P	2.3
2	☐	50.000					
3	☐	500.000	489.935	41196.79	1.5346	P	1.8
4	☐	5000.000	4885.704	353820.17	13.6743	P	1.7
5	☐	12500.000	12666.385	861290.37	35.1620	P	2.6
6	☐	25000.000	25539.660	1604183.48	70.7138	A	2.2
7	☐	50000.000	50464.454	2823456.33	139.5480	A	1.8
8	☐	100000.00	98462.040	5421941.01	272.1017	A	0.9
9	☐	500000.00	500231.15	29725295.80	1,381.657	A	4.1

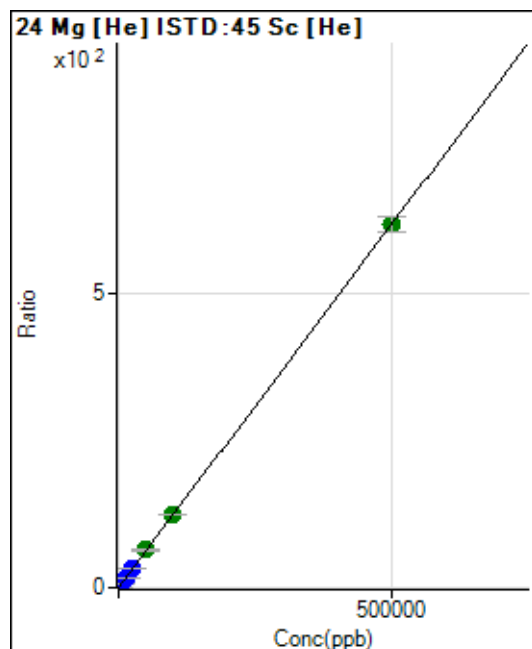
$$y = 0.0028 * x + 0.1816$$

$$R = 1.0000$$

$$DL = 4.547$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	391.69	0.0152	P	7.2
2	☐	50.000					
3	☐	500.000	493.054	16710.55	0.6224	P	0.4
4	☐	5000.000	5007.815	159973.60	6.1824	P	1.5
5	☐	12500.000	12996.638	392430.02	16.0207	P	2.6
6	☐	25000.000	25631.696	716436.69	31.5808	P	2.0
7	☐	50000.000	51724.860	1288918.03	63.7147	A	2.9
8	☐	100000.00	101444.78	2489702.88	124.9452	A	0.5
9	☐	500000.00	499494.48	13233700.82	615.1460	A	4.3

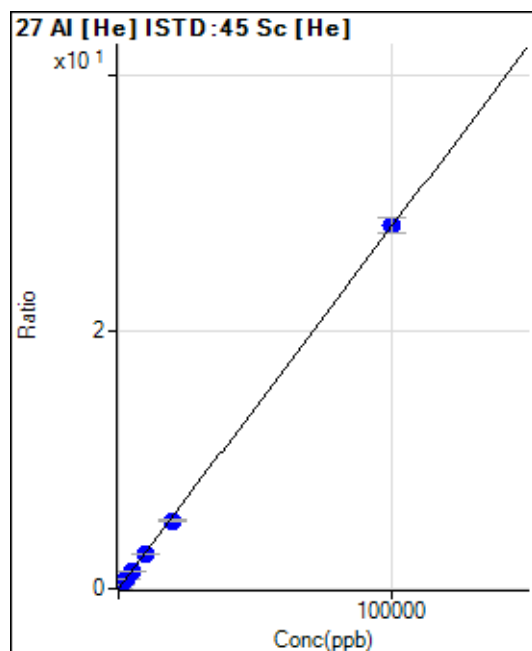
$$y = 0.0012 * x + 0.0152$$

$$R = 1.0000$$

$$DL = 2.683$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0005	P	18.8
2	☐	2.000					
3	☐	20.000	20.650	170.04	0.0063	P	8.6
4	☐	1000.000	938.913	6861.78	0.2651	P	2.8
5	☐	2500.000	2458.580	16988.64	0.6935	P	1.8
6	☐	5000.000	4877.809	31201.19	1.3753	P	1.9
7	☐	10000.000	9645.933	55011.76	2.7192	P	2.3
8	☐	20000.000	18857.385	105917.36	5.3155	P	1.0
9	☐	100000.00	100271.68	608001.18	28.2621	P	4.4

$$y = 2.8185E-004 * x + 5.1652E-004$$

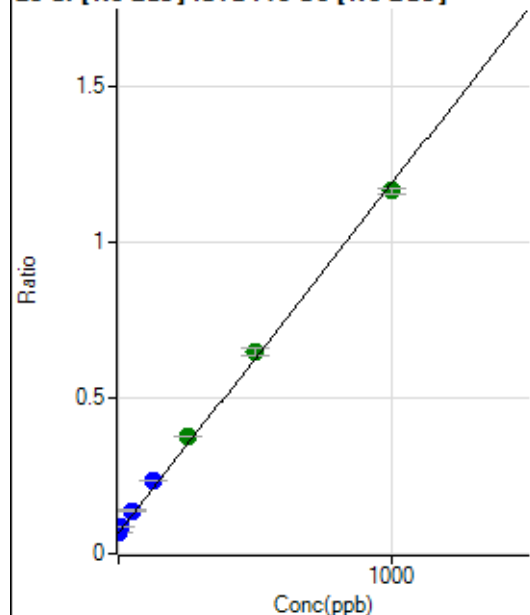
$$R = 0.9999$$

$$DL = 1.031$$

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	238872.33	0.0665	P	2.1
2	☐	1.000					
3	☐	10.000	17.129	307269.86	0.0858	P	0.9
4	☐	50.000	62.100	473152.23	0.1362	P	4.2
5	☐	125.000	151.249	830717.61	0.2362	P	0.6
6	☐	250.000	277.234	1261098.87	0.3776	A	0.9
7	☐	500.000	519.714	2011053.02	0.6497	A	3.4
8	☐	1000.000	979.377	3544063.58	1.1655	A	1.4
9	☐			426028.95	0.1388	P	6.6

$$y = 0.0011 * x + 0.0665$$

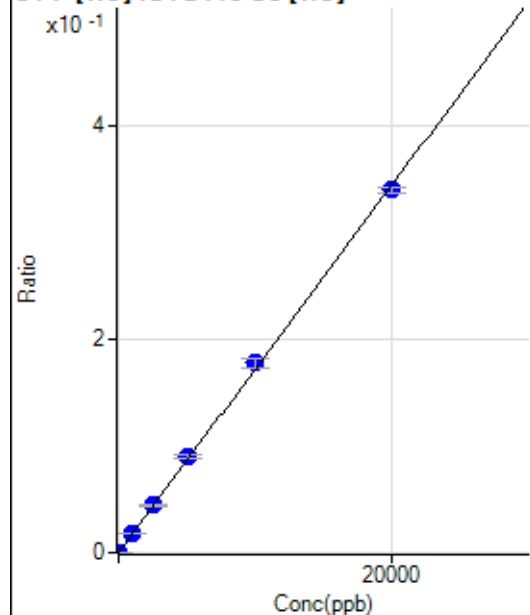
$$R = 0.9992$$

$$DL = 3.777$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.008	2.78	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	-0.008	2.78	0.0001	P	173.2
4	☐	1000.000	1059.639	475.03	0.0184	P	2.6
5	☐	2500.000	2561.927	1083.42	0.0442	P	5.7
6	☐	5000.000	5256.893	2055.79	0.0906	P	3.2
7	☐	10000.000	10318.569	3597.86	0.1778	P	5.0
8	☐	20000.000	19765.770	6785.25	0.3405	P	1.4
9	☐			2.78	0.0001	P	173.2

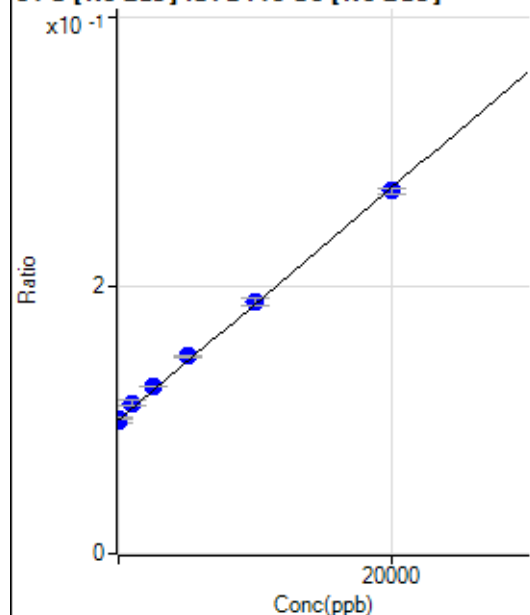
$$y = 1.7222E-005 * x + 1.0463E-004$$

$$R = 0.9997$$

$$DL = 31.57$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-131.754	354457.50	0.0987	P	2.4
2	☐	0.000					
3	☐	0.000	131.754	361939.75	0.1010	P	1.3
4	☐	1000.000	1478.703	391420.24	0.1127	P	4.6
5	☐	2500.000	2849.710	438081.85	0.1246	P	0.5
6	☐	5000.000	5492.179	492608.92	0.1475	P	1.1
7	☐	10000.000	10180.663	582477.36	0.1882	P	2.5
8	☐	20000.000	19718.975	823738.45	0.2709	P	1.4
9	☐			297300.26	0.0969	P	0.9

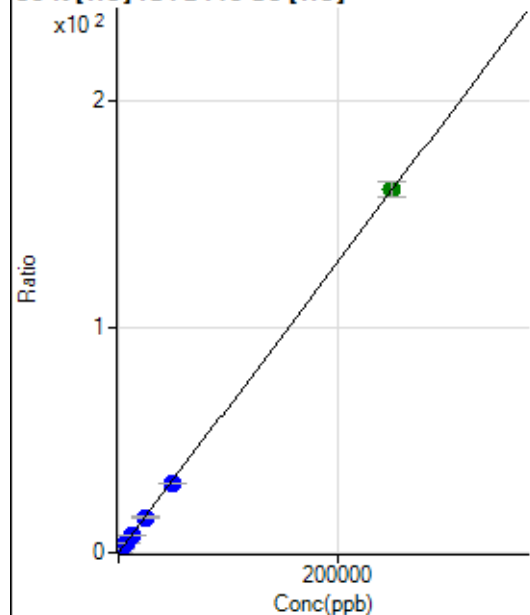
$$y = 8.6727\text{E-}006 * x + 0.0999$$

$$R = 0.9994$$

$$DL = 627.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2480.89	0.0967	P	10.7
2	☐	50.000					
3	☐	500.000	499.672	11191.03	0.4169	P	2.0
4	☐	2500.000	2530.359	44446.24	1.7179	P	2.9
5	☐	6250.000	6440.658	103450.33	4.2233	P	2.4
6	☐	12500.000	12396.855	182414.44	8.0394	P	1.0
7	☐	25000.000	24185.091	315428.97	15.5922	P	2.5
8	☐	50000.000	47402.218	607103.77	30.4675	P	0.7
9	☐	250000.00	250601.13	3456340.01	160.6577	A	4.2

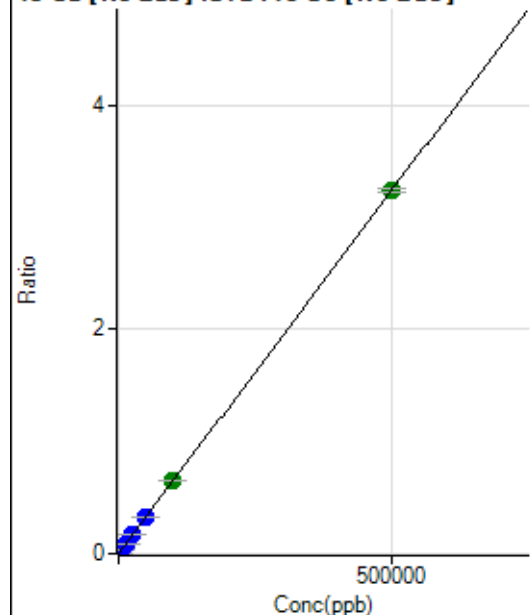
$$y = 6.4070\text{E-}004 * x + 0.0967$$

$$R = 0.9999$$

$$DL = 48.47$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	430.59	0.0001	P	23.8
2	☐	50.000					
3	☐	500.000	492.352	11852.67	0.0033	P	3.3
4	☐	5000.000	5203.692	117474.07	0.0338	P	4.3
5	☐	12500.000	12904.184	294269.74	0.0837	P	0.7
6	☐	25000.000	26048.121	563791.51	0.1688	P	0.8
7	☐	50000.000	50663.885	1016093.54	0.3282	P	1.3
8	☐	100000.00	100595.85	1981512.50	0.6516	A	0.8
9	☐	500000.00	499749.90	9931905.95	3.2364	A	1.0

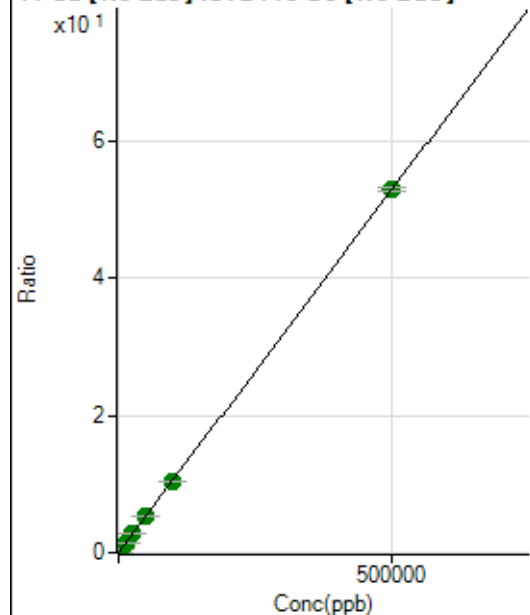
$$y = 6.4759\text{E-}006 * x + 1.2013\text{E-}004$$

$$R = 1.0000$$

$$DL = 13.22$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14232.92	0.0040	P	3.4
2	☐	50.000					
3	☐	500.000	492.222	200842.76	0.0561	P	2.3
4	☐	5000.000	5246.768	1942562.57	0.5593	A	4.4
5	☐	12500.000	12827.137	4787587.48	1.3615	A	0.4
6	☐	25000.000	25704.356	9098470.17	2.7244	A	1.0
7	☐	50000.000	50207.097	16462213.56	5.3176	A	1.6
8	☐	100000.00	98228.474	31624599.67	10.3999	A	1.5
9	☐	500000.00	500287.73	162495645.3	52.9516	A	1.1

$$y = 1.0583\text{E-}004 * x + 0.0040$$

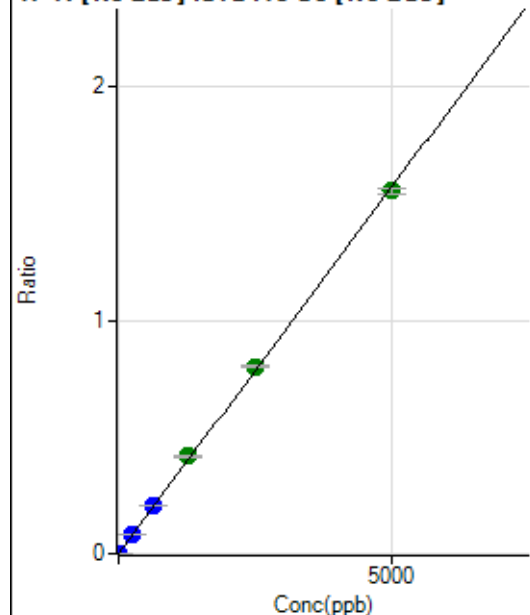
$$R = 1.0000$$

$$DL = 3.864$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	31.3
2	☐	0.500					
3	☐	5.000	5.251	5968.22	0.0017	P	1.5
4	☐	250.000	262.077	285643.89	0.0822	P	4.9
5	☐	625.000	650.262	717504.79	0.2040	P	0.5
6	☐	1250.000	1331.758	1395499.93	0.4179	A	1.4
7	☐	2500.000	2548.376	2475452.83	0.7996	A	1.2
8	☐	5000.000	4951.611	4724278.92	1.5536	A	1.9
9	☐			1544.60	0.0005	P	10.2

$$y = 3.1376\text{E-}004 * x + 1.7737\text{E-}005$$

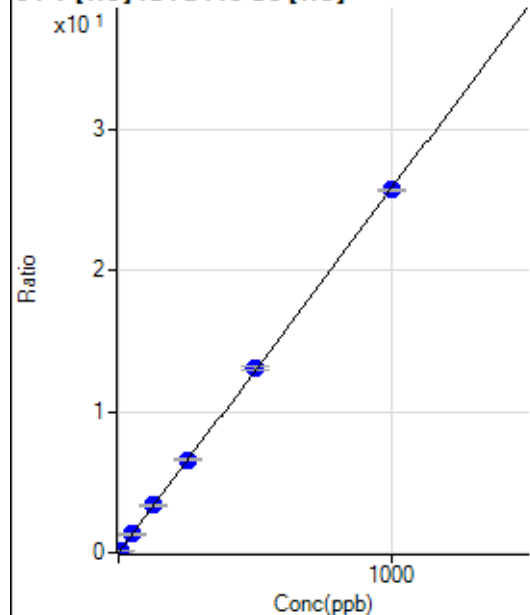
$$R = 0.9998$$

$$DL = 0.05312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0003	P	28.5
2	☐	0.500					
3	☐	5.000	4.890	3396.03	0.1265	P	2.3
4	☐	50.000	50.233	33546.95	1.2965	P	2.5
5	☐	125.000	130.451	82450.76	3.3664	P	3.4
6	☐	250.000	253.965	148675.32	6.5535	P	1.9
7	☐	500.000	504.579	263414.63	13.0203	P	2.0
8	☐	1000.000	996.027	512133.84	25.7015	P	0.8
9	☐			317.79	0.0147	P	18.4

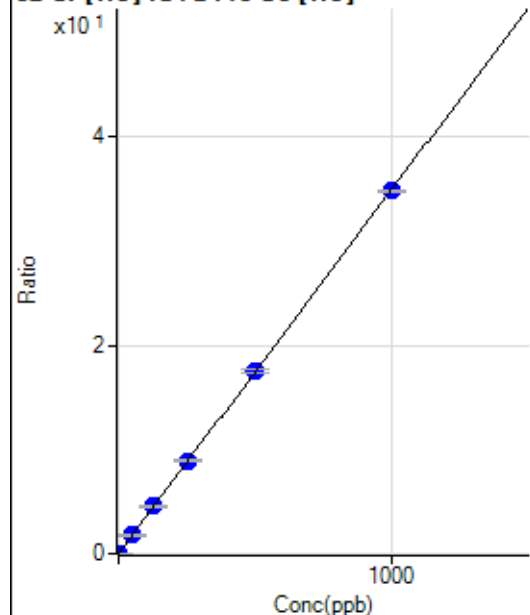
$$y = 0.0258 * x + 3.0463\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.0101$$

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	411.12	0.0160	P	4.7
2	☐	0.200					
3	☐	2.000	2.030	2330.24	0.0868	P	5.7
4	☐	50.000	49.946	45526.13	1.7594	P	1.4
5	☐	125.000	130.747	112174.86	4.5799	P	3.0
6	☐	250.000	254.536	201942.42	8.9010	P	1.6
7	☐	500.000	502.482	355198.01	17.5559	P	1.6
8	☐	1000.000	996.909	693729.74	34.8147	P	0.5
9	☐			42156.85	1.9594	P	3.9

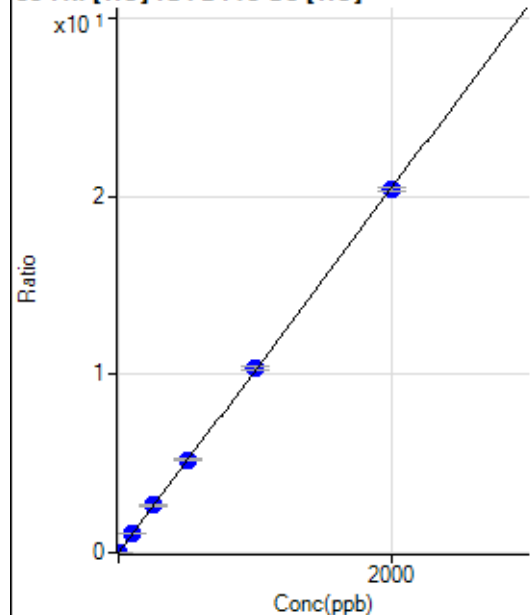
$$y = 0.0349 * x + 0.0160$$

$$R = 1.0000$$

$$DL = 0.06425$$

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	28.89	0.0011	P	3.5
2	☐	0.100					
3	☐	1.000	0.872	270.01	0.0101	P	6.3
4	☐	100.000	101.240	26872.66	1.0384	P	0.7
5	☐	250.000	261.576	65675.74	2.6813	P	2.6
6	☐	500.000	510.475	118683.15	5.2315	P	2.0
7	☐	1000.000	1011.287	209642.08	10.3629	P	2.4
8	☐	2000.000	1990.229	406360.76	20.3933	P	1.0
9	☐			3592.74	0.1671	P	5.8

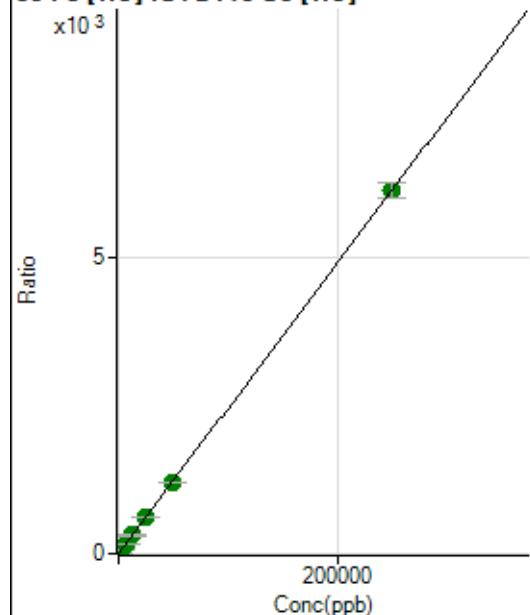
$$y = 0.0102 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.01159$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1090.82	0.0425	P	7.4
2	☐	5.000					
3	☐	50.000	49.746	33863.91	1.2613	P	0.5
4	☐	2500.000	2503.501	1588165.81	61.3824	A	2.3
5	☐	6250.000	6496.462	3899899.10	159.2165	A	2.7
6	☐	12500.000	12672.576	7045529.27	310.5415	A	1.5
7	☐	25000.000	25051.400	12418798.20	613.8430	A	1.9
8	☐	50000.000	49527.103	24181358.64	1,213.538	A	0.5
9	☐	250000.00	250074.61	131819703.8	6,127.282	A	4.2

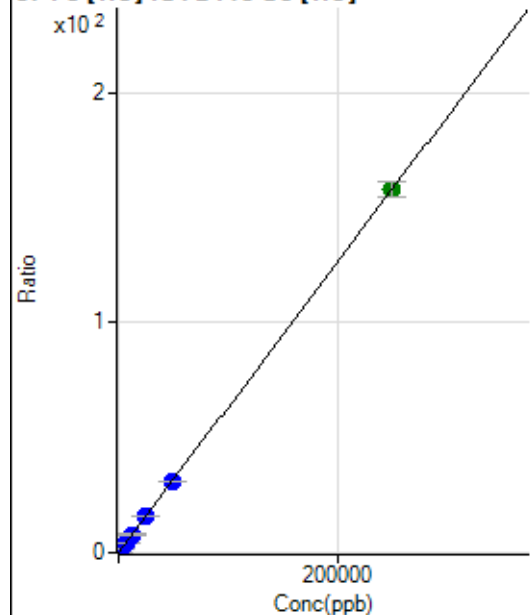
$$y = 0.0245 * x + 0.0425$$

$$R = 1.0000$$

$$DL = 0.3862$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0010	P	13.6
2	☐	5.000					
3	☐	50.000	48.134	840.79	0.0313	P	10.9
4	☐	2500.000	2456.985	40058.17	1.5481	P	2.0
5	☐	6250.000	6324.111	97576.39	3.9832	P	2.3
6	☐	12500.000	12566.037	179549.41	7.9136	P	1.3
7	☐	25000.000	25015.761	318698.00	15.7529	P	2.1
8	☐	50000.000	48900.099	613583.21	30.7925	P	0.3
9	☐	250000.00	250213.68	3389642.67	157.5557	A	4.1

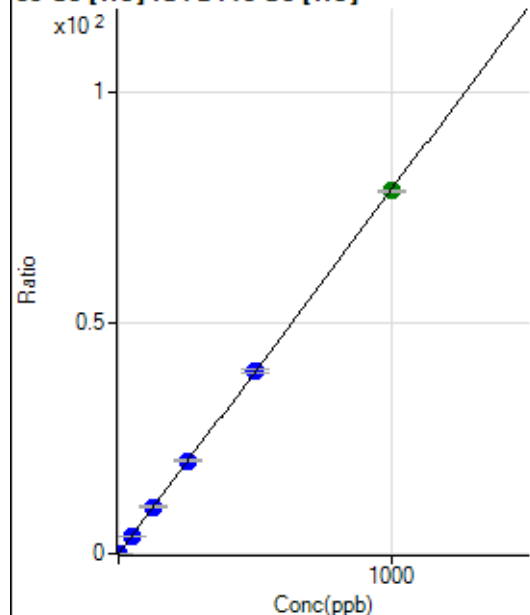
$$y = 6.2968E-004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 0.6561$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0021	P	37.6
2	☐	0.100					
3	☐	1.000	0.962	2093.53	0.0780	P	2.4
4	☐	50.000	49.515	101048.36	3.9053	P	1.9
5	☐	125.000	128.810	248776.01	10.1560	P	2.4
6	☐	250.000	254.624	455397.36	20.0738	P	1.9
7	☐	500.000	504.265	804227.23	39.7526	P	2.1
8	☐	1000.000	996.260	1564938.69	78.5358	A	0.6
9	☐			21885.13	1.0174	P	4.9

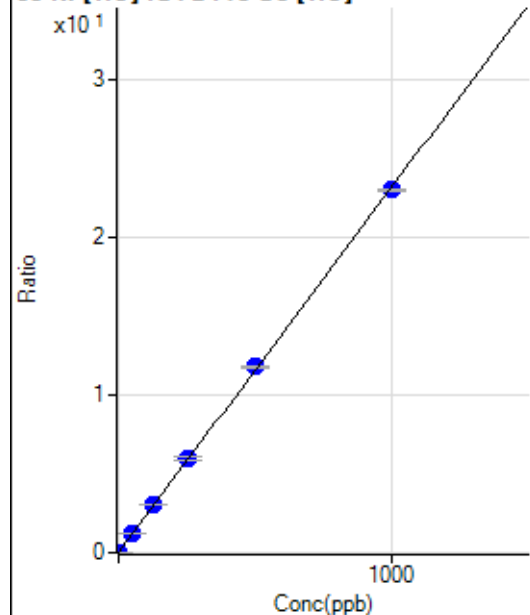
$$y = 0.0788 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.03058$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.68	0.0135	P	13.1
2	☐	0.100					
3	☐	1.000	0.920	934.49	0.0348	P	3.3
4	☐	50.000	50.136	30381.07	1.1741	P	1.4
5	☐	125.000	131.492	74896.67	3.0574	P	2.0
6	☐	250.000	257.333	135423.87	5.9704	P	2.9
7	☐	500.000	507.904	238151.22	11.7709	P	1.6
8	☐	1000.000	993.397	458494.00	23.0094	P	0.5
9	☐			21866.27	1.0164	P	4.2

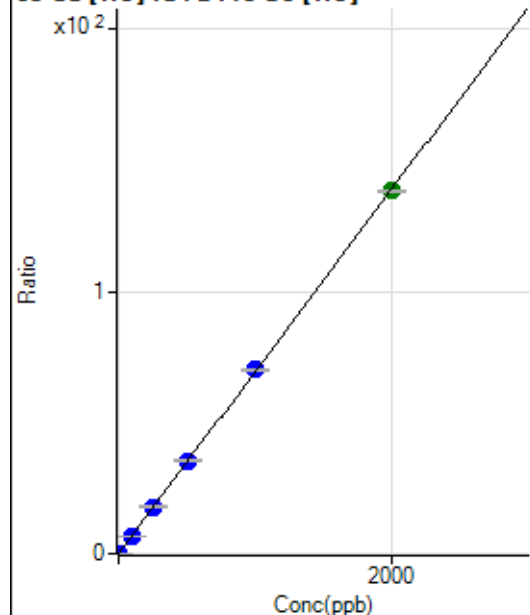
$$y = 0.0231 * x + 0.0135$$

$$R = 0.9999$$

$$DL = 0.23$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0130	P	1.6
2	☐	0.200					
3	☐	2.000	1.962	4003.98	0.1491	P	1.4
4	☐	100.000	98.718	177572.34	6.8627	P	1.7
5	☐	250.000	256.342	435994.42	17.7998	P	2.7
6	☐	500.000	507.953	799866.29	35.2584	P	2.0
7	☐	1000.000	1010.263	1418530.52	70.1122	P	1.6
8	☐	2000.000	1992.152	2754656.56	138.2427	A	0.8
9	☐			7196.42	0.3348	P	7.9

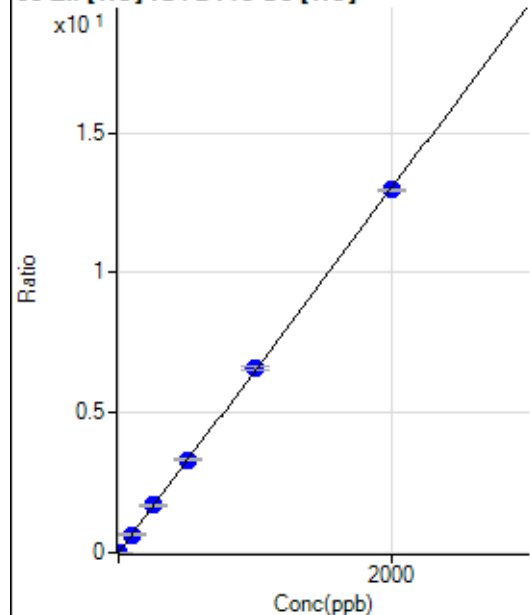
$$y = 0.0694 * x + 0.0130$$

$$R = 1.0000$$

$$DL = 0.009119$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0027	P	21.9
2	☐	0.200					
3	☐	2.000	2.105	440.02	0.0164	P	8.0
4	☐	100.000	99.149	16763.67	0.6479	P	1.8
5	☐	250.000	260.254	41541.08	1.6962	P	3.5
6	☐	500.000	510.931	75488.39	3.3274	P	1.8
7	☐	1000.000	1010.890	133141.12	6.5807	P	1.8
8	☐	2000.000	1990.583	258159.84	12.9556	P	0.3
9	☐			2214.66	0.1029	P	2.9

$$y = 0.0065 * x + 0.0027$$

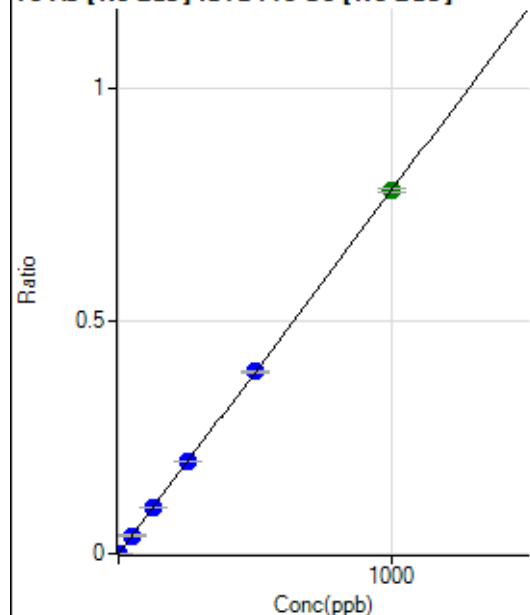
$$R = 0.9999$$

$$DL = 0.2718$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	6.0
2	☐	0.100					
3	☐	1.000	1.006	2972.69	0.0008	P	6.8
4	☐	50.000	50.202	136134.13	0.0392	P	4.0
5	☐	125.000	125.575	344451.20	0.0980	P	0.1
6	☐	250.000	254.828	663691.65	0.1987	P	1.4
7	☐	500.000	500.492	1208192.72	0.3903	P	1.8
8	☐	1000.000	998.465	2367596.50	0.7785	A	1.1
9	☐			4236.95	0.0014	P	8.2

$$y = 7.7970\text{E-}004 * x + 4.4831\text{E-}005$$

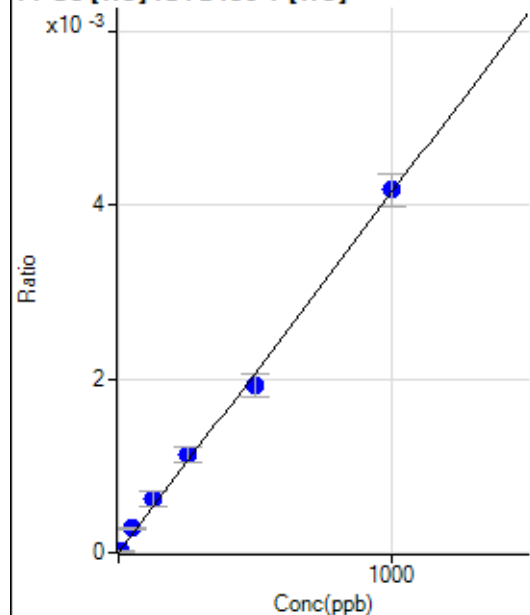
$$R = 1.0000$$

$$DL = 0.01043$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.709	2.22	0.0000	P	86.6
4	☐	50.000	67.846	54.44	0.0003	P	8.6
5	☐	125.000	149.032	113.33	0.0006	P	27.9
6	☐	250.000	270.363	196.67	0.0011	P	15.9
7	☐	500.000	465.874	310.01	0.0019	P	14.3
8	☐	1000.000	1008.087	653.36	0.0042	P	9.3
9	☐			1.11	0.0000	P	173.2

$$y = 4.1427\text{E-}006 * x + 0.0000\text{E+}000$$

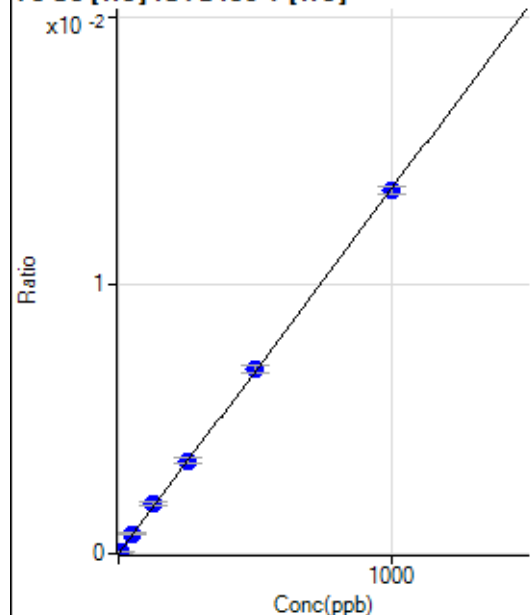
$$R = 0.9985$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.829	13.58	0.0001	P	41.3
4	☐	50.000	54.939	145.06	0.0007	P	18.3
5	☐	125.000	137.046	342.60	0.0019	P	9.8
6	☐	250.000	254.812	609.28	0.0035	P	7.2
7	☐	500.000	504.727	1103.14	0.0069	P	4.5
8	☐	1000.000	994.682	2114.38	0.0135	P	2.2
9	☐			2.47	0.0000	P	41.4

$$y = 1.3588\text{E-}005 * x + 3.1830\text{E-}006$$

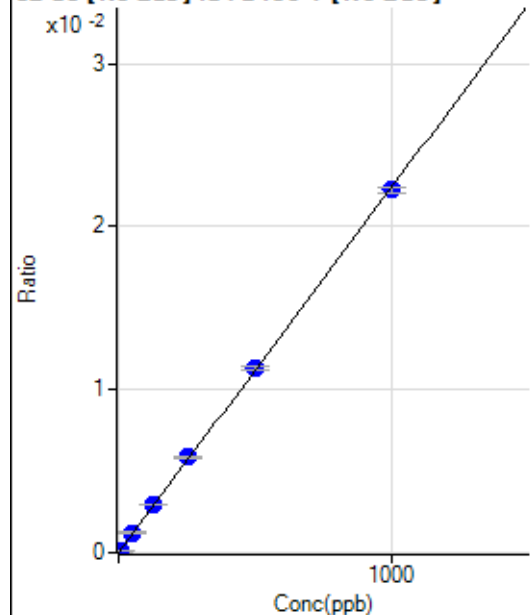
$$R = 0.9999$$

$$DL = 1.217$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-18.65	0.0000	P	-150.
2	☐	0.500					
3	☐	5.000	5.581	773.08	0.0001	P	7.4
4	☐	50.000	54.066	7451.55	0.0012	P	5.6
5	☐	125.000	131.881	18583.37	0.0030	P	0.1
6	☐	250.000	261.071	36233.70	0.0058	P	0.7
7	☐	500.000	505.641	66933.08	0.0113	P	2.4
8	☐	1000.000	993.346	129688.40	0.0222	P	1.4
9	☐			80.32	0.0000	P	34.6

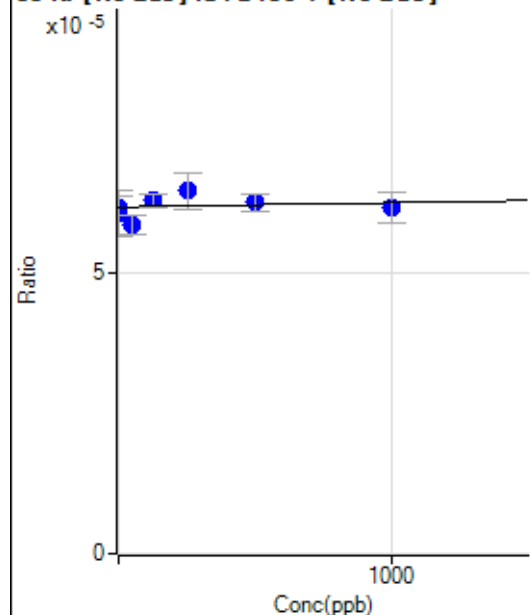
$$y = 2.2400\text{E-}005 * x - 2.9766\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.5981$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	387.79	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	-1469.723	383.35	0.0001	P	13.4
4	☐	50.000	-4090.246	362.23	0.0001	P	5.8
5	☐	125.000	1478.968	395.57	0.0001	P	3.5
6	☐	250.000	3724.596	400.01	0.0001	P	10.1
7	☐	500.000	1129.344	370.01	0.0001	P	4.9
8	☐	1000.000	-144.084	358.90	0.0001	P	9.3
9	☐			393.35	0.0001	P	3.8

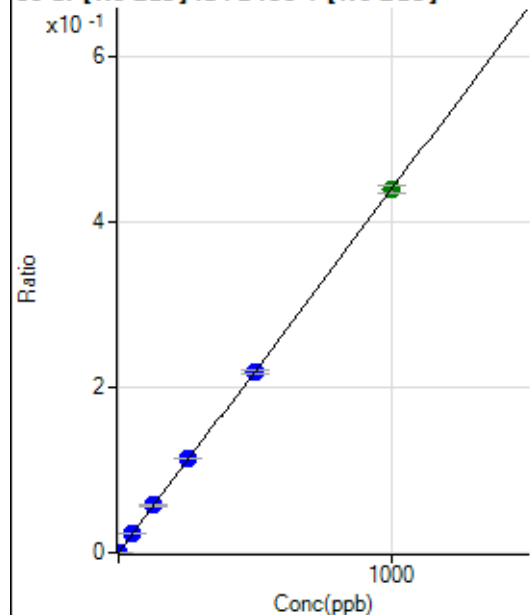
$$y = 7.6603\text{E-}010 * x + 6.1688\text{E-}005$$

$$R = 0.2150$$

$$DL = 1.624\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	677.83	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	1.043	3583.97	0.0006	P	2.7
4	☐	50.000	51.546	140244.16	0.0227	P	3.7
5	☐	125.000	129.731	359137.41	0.0570	P	0.6
6	☐	250.000	257.683	701592.94	0.1132	P	0.7
7	☐	500.000	498.027	1292483.59	0.2186	P	1.7
8	☐	1000.000	998.397	2554220.98	0.4382	A	2.0
9	☐			12453.44	0.0021	P	0.2

$$y = 4.3879\text{E-}004 * x + 1.0800\text{E-}004$$

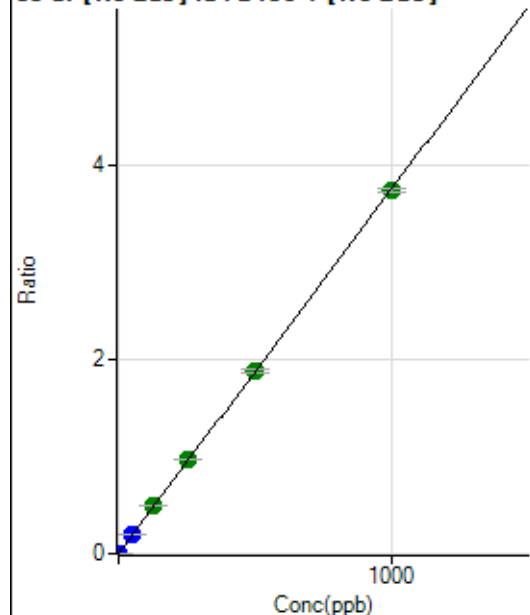
$$R = 1.0000$$

$$DL = 0.1526$$

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	169.45	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	1.045	25051.66	0.0040	P	0.9
4	☐	50.000	52.661	1222331.52	0.1981	P	4.2
5	☐	125.000	132.419	3136511.09	0.4981	A	0.3
6	☐	250.000	258.410	6025352.31	0.9720	A	1.0
7	☐	500.000	503.188	11188124.21	1.8927	A	2.0
8	☐	1000.000	995.243	21822196.15	3.7434	A	1.1
9	☐			103994.60	0.0179	P	1.5

$$y = 0.0038 * x + 2.6950E-005$$

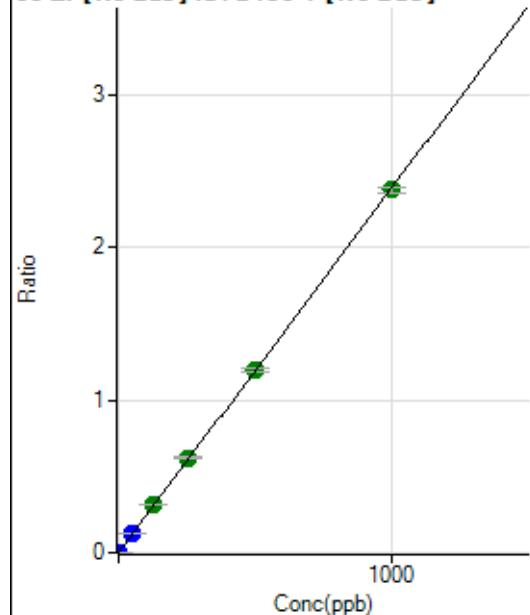
$$R = 0.9999$$

$$DL = 0.002545$$

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	608.38	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	0.921	14550.02	0.0023	P	2.5
4	☐	50.000	51.397	758290.76	0.1229	P	3.5
5	☐	125.000	132.287	1990383.64	0.3161	A	0.3
6	☐	250.000	260.123	3852320.14	0.6214	A	0.9
7	☐	500.000	501.480	7081255.71	1.1980	A	2.3
8	☐	1000.000	995.748	13865316.28	2.3786	A	1.5
9	☐			6107.25	0.0011	P	3.6

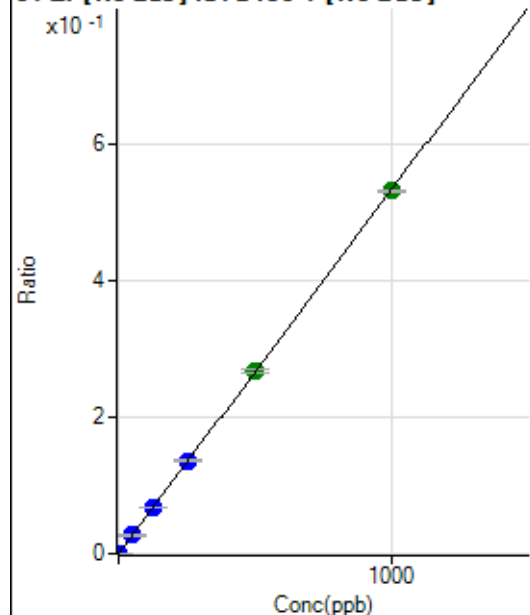
$$y = 0.0024 * x + 9.6791E-005$$

$$R = 0.9999$$

$$DL = 0.009663$$

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	113.89	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.898	3150.52	0.0005	P	3.5
4	☐	50.000	50.917	167830.35	0.0272	P	4.2
5	☐	125.000	127.743	429462.13	0.0682	P	0.4
6	☐	250.000	255.543	845628.24	0.1364	P	1.3
7	☐	500.000	503.069	1587434.51	0.2685	A	1.6
8	☐	1000.000	996.691	3101498.36	0.5320	A	0.2
9	☐			1419.59	0.0002	P	4.1

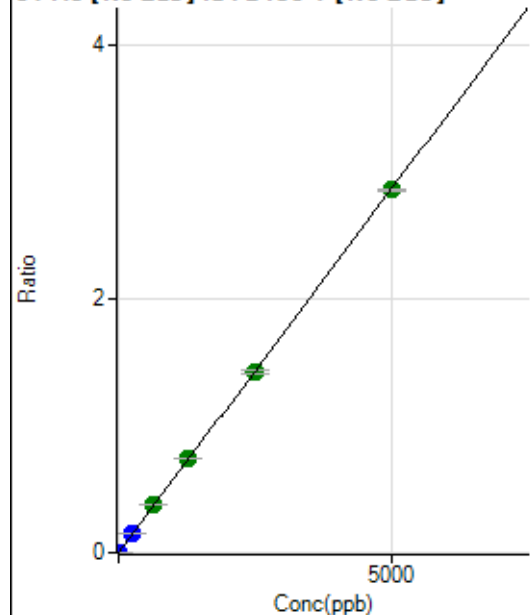
$$y = 5.3375\text{E-}004 * x + 1.8106\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01807$$

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	250.01	0.0000	P	18.4
2	☐	0.500					
3	☐	5.000	4.859	17907.01	0.0028	P	2.2
4	☐	250.000	258.082	913596.69	0.1481	P	5.1
5	☐	625.000	657.651	2376012.05	0.3773	A	0.5
6	☐	1250.000	1291.177	4592044.59	0.7408	A	0.7
7	☐	2500.000	2497.073	8468263.82	1.4326	A	2.1
8	☐	5000.000	4986.684	16677295.34	2.8608	A	0.7
9	☐			24826.28	0.0043	P	4.1

$$y = 5.7368\text{E-}004 * x + 3.9776\text{E-}005$$

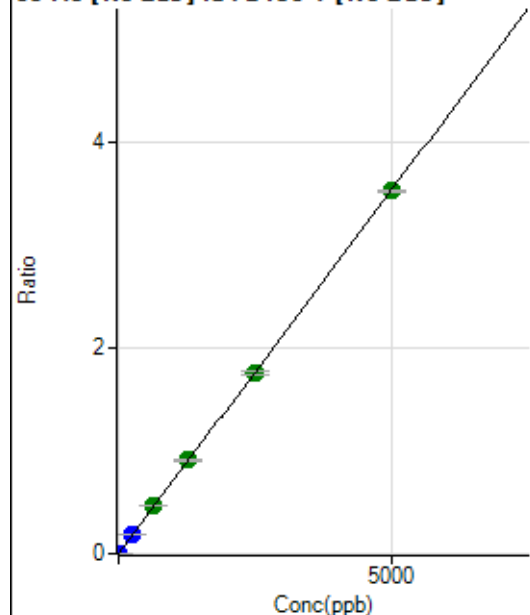
$$R = 0.9999$$

$$DL = 0.03821$$

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	152.79	0.0000	P	32.9
2	☐	0.500					
3	☐	5.000	4.967	22346.98	0.0035	P	1.2
4	☐	250.000	258.604	1125626.26	0.1825	P	5.0
5	☐	625.000	651.264	2893392.30	0.4595	A	0.2
6	☐	1250.000	1286.450	5626285.02	0.9076	A	0.7
7	☐	2500.000	2495.974	10409187.56	1.7609	A	2.1
8	☐	5000.000	4989.187	20519067.99	3.5199	A	0.8
9	☐			39606.00	0.0068	P	3.1

$$y = 7.0549\text{E-}004 * x + 2.4282\text{E-}005$$

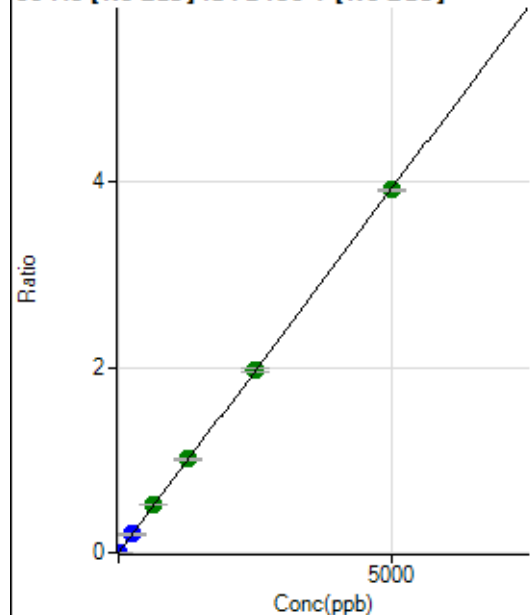
$$R = 1.0000$$

$$DL = 0.03399$$

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	247.24	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	5.011	25151.93	0.0040	P	1.6
4	☐	250.000	257.052	1244518.86	0.2017	P	5.1
5	☐	625.000	651.848	3221143.95	0.5115	A	0.8
6	☐	1250.000	1282.327	6237855.18	1.0063	A	1.5
7	☐	2500.000	2504.883	11619525.61	1.9656	A	1.9
8	☐	5000.000	4985.768	22807601.73	3.9123	A	0.5
9	☐			44576.93	0.0077	P	3.4

$$y = 7.8469\text{E-}004 * x + 3.9378\text{E-}005$$

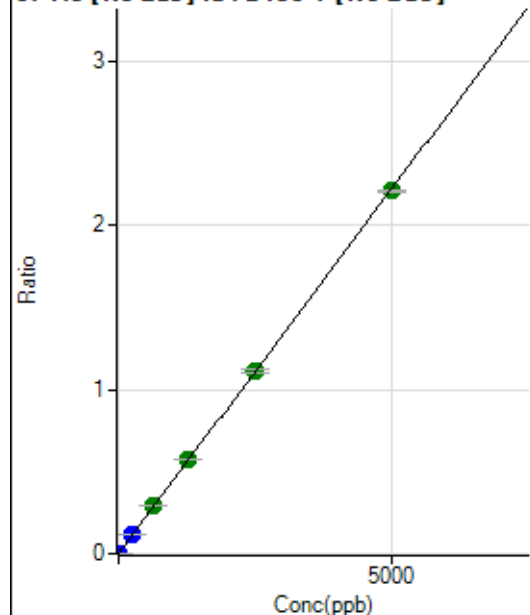
$$R = 1.0000$$

$$DL = 0.02544$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	6.6
2	☐	0.500					
3	☐	5.000	4.959	14055.14	0.0022	P	2.2
4	☐	250.000	257.106	703538.22	0.1140	P	4.9
5	☐	625.000	654.142	1826898.54	0.2901	A	0.3
6	☐	1250.000	1298.553	3570062.49	0.5759	A	0.8
7	☐	2500.000	2514.750	6592600.32	1.1153	A	2.2
8	☐	5000.000	4976.489	12866024.59	2.2070	A	0.6
9	☐			24962.79	0.0043	P	5.2

$$y = 4.4348\text{E-}004 * x + 2.0323\text{E-}005$$

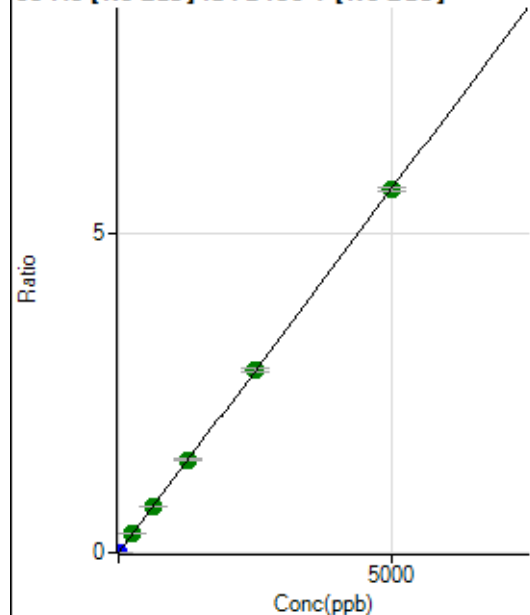
$$R = 0.9999$$

$$DL = 0.009096$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	4.990	36263.37	0.0057	P	2.4
4	☐	250.000	258.283	1818107.55	0.2947	A	5.0
5	☐	625.000	641.463	4608886.13	0.7319	A	0.4
6	☐	1250.000	1279.703	9051326.33	1.4601	A	1.0
7	☐	2500.000	2507.055	16909520.17	2.8605	A	1.8
8	☐	5000.000	4986.575	33166281.64	5.6895	A	1.1
9	☐			63680.90	0.0110	P	3.0

$$y = 0.0011 * x + 3.2219\text{E-}005$$

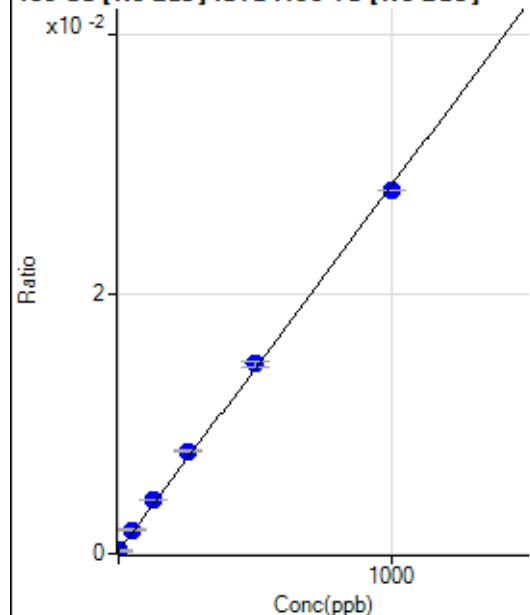
$$R = 1.0000$$

$$DL = 0.02544$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1522.38	0.0002	P	9.4
2	☐	0.100					
3	☐	1.000	1.218	1802.99	0.0002	P	7.9
4	☐	50.000	58.141	14672.41	0.0018	P	4.1
5	☐	125.000	140.919	34464.65	0.0042	P	2.3
6	☐	250.000	274.236	66961.01	0.0079	P	1.7
7	☐	500.000	511.909	122471.53	0.0146	P	2.4
8	☐	1000.000	985.589	235894.56	0.0279	P	0.2
9	☐			1433.49	0.0002	P	4.7

$$y = 2.8166\text{E-}005 * x + 1.8824\text{E-}004$$

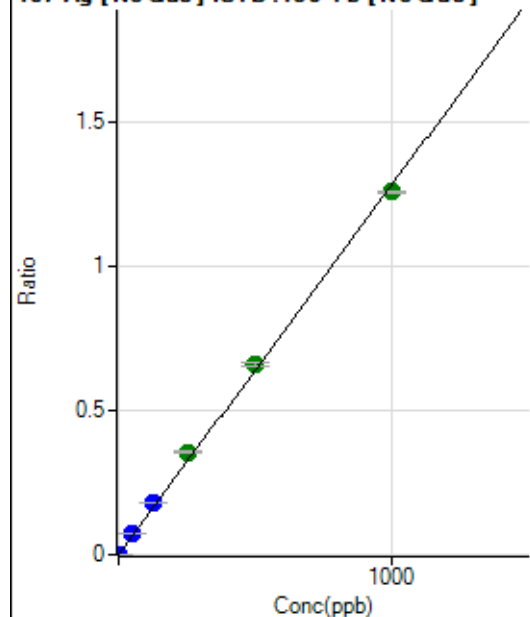
$$R = 0.9995$$

$$DL = 1.882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	70.0
2	☐	0.100					
3	☐	1.000	1.141	11897.38	0.0015	P	5.1
4	☐	50.000	57.412	590077.63	0.0735	P	5.1
5	☐	125.000	141.152	1497228.79	0.1806	P	0.5
6	☐	250.000	277.628	3005843.28	0.3552	A	2.2
7	☐	500.000	516.395	5539506.72	0.6607	A	2.2
8	☐	1000.000	982.506	10609389.82	1.2570	A	0.4
9	☐			1564.06	0.0002	P	2.6

$$y = 0.0013 * x + 1.0292\text{E-}005$$

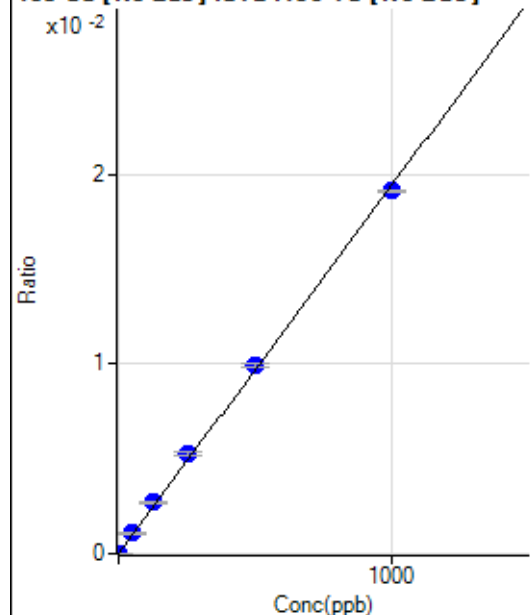
$$R = 0.9993$$

$$DL = 0.01688$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.990	165.28	0.0000	P	20.6
4	☐	50.000	56.315	8771.10	0.0011	P	7.2
5	☐	125.000	139.548	22432.89	0.0027	P	2.5
6	☐	250.000	272.781	44745.24	0.0053	P	2.9
7	☐	500.000	512.524	83295.32	0.0099	P	2.0
8	☐	1000.000	985.909	161282.63	0.0191	P	0.3
9	☐			58.33	0.0000	P	53.7

$$y = 1.9380\text{E-}005 * x + 1.2022\text{E-}006$$

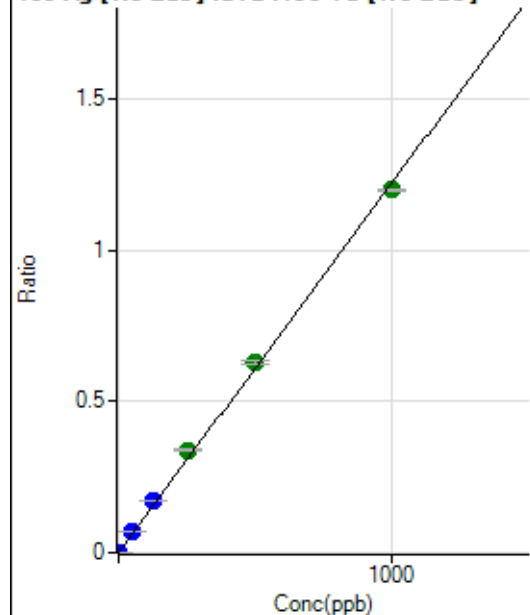
$$R = 0.9995$$

$$DL = 0.09203$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	51.0
2	☐	0.100					
3	☐	1.000	1.167	11580.47	0.0014	P	4.9
4	☐	50.000	57.433	562620.17	0.0700	P	4.9
5	☐	125.000	140.824	1423692.91	0.1717	P	0.5
6	☐	250.000	277.228	2860841.73	0.3381	A	1.9
7	☐	500.000	515.899	5274492.78	0.6291	A	2.5
8	☐	1000.000	982.894	10116093.02	1.1985	A	0.2
9	☐			1486.26	0.0002	P	14.8

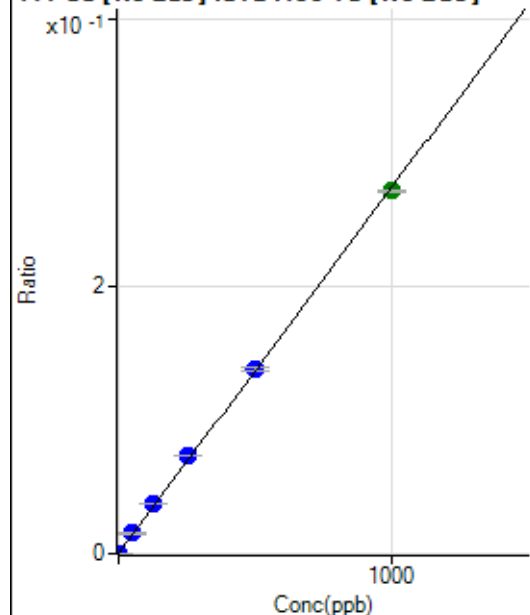
$$y = 0.0012 * x + 5.8390\text{E-}006$$

$$R = 0.9993$$

$$DL = 0.007322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1071.36	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	1.090	3488.32	0.0004	P	1.7
4	☐	50.000	55.646	123377.15	0.0154	P	4.7
5	☐	125.000	138.064	314274.12	0.0379	P	1.0
6	☐	250.000	266.593	618472.05	0.0731	P	0.7
7	☐	500.000	504.947	1159571.77	0.1383	P	1.7
8	☐	1000.000	991.463	2290767.13	0.2714	A	0.6
9	☐			1445.97	0.0002	P	4.7

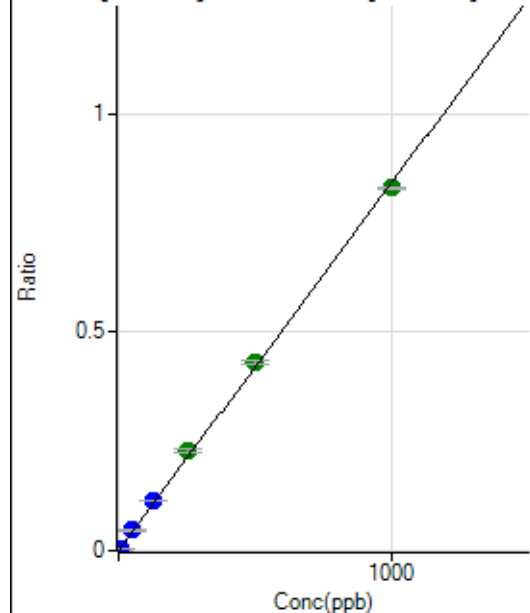
$$y = 2.7361\text{E-}004 * x + 1.3247\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.1349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	786.19	0.0001	P	11.3
2	☐	0.500					
3	☐	5.000	5.451	37901.88	0.0047	P	0.7
4	☐	50.000	54.910	371562.86	0.0463	P	5.2
5	☐	125.000	136.082	949253.41	0.1145	P	0.6
6	☐	250.000	271.928	1935433.59	0.2287	A	2.0
7	☐	500.000	512.572	3613881.76	0.4310	A	2.0
8	☐	1000.000	986.599	7001320.12	0.8295	A	0.6
9	☐			17606.74	0.0022	P	6.4

$$y = 8.4068\text{E-}004 * x + 9.7224\text{E-}005$$

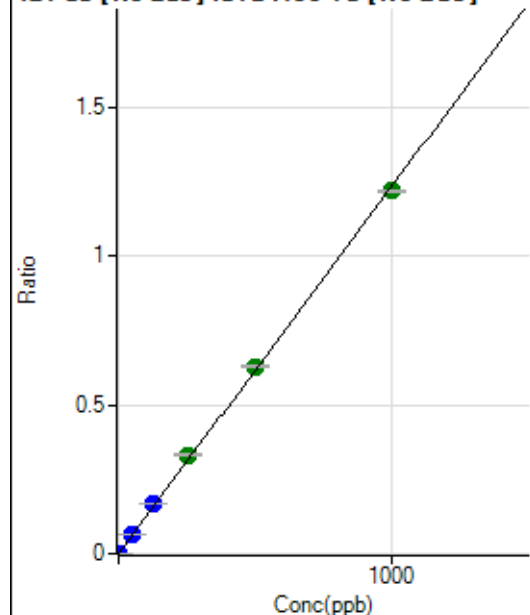
$$R = 0.9996$$

$$DL = 0.03932$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.46	0.0000	P	39.4
2	☐	0.200					
3	☐	2.000	2.120	21423.57	0.0026	P	3.4
4	☐	50.000	53.565	530346.52	0.0660	P	3.8
5	☐	125.000	134.189	1370355.86	0.1653	P	0.6
6	☐	250.000	268.563	2799393.12	0.3308	A	1.6
7	☐	500.000	510.402	5270987.75	0.6286	A	1.5
8	☐	1000.000	988.831	10278752.57	1.2178	A	0.2
9	☐			28965.95	0.0035	P	6.6

$$y = 0.0012 * x + 3.3337E-005$$

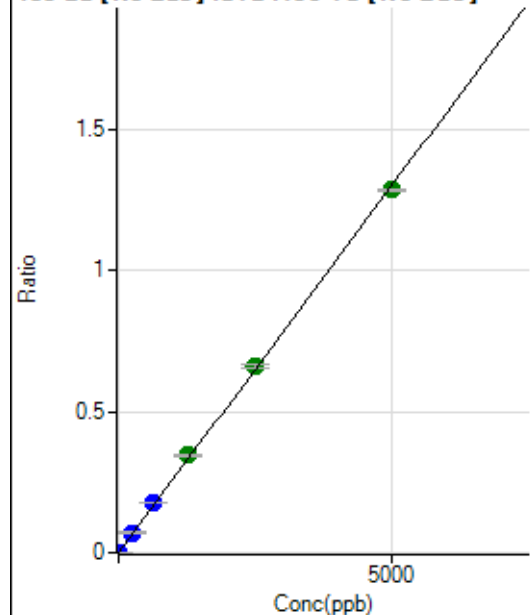
$$R = 0.9997$$

$$DL = 0.03202$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	78.0
2	☐	1.000					
3	☐	10.000	10.484	22069.29	0.0027	P	3.1
4	☐	250.000	273.254	569651.54	0.0709	P	4.4
5	☐	625.000	677.525	1457441.70	0.1758	P	0.9
6	☐	1250.000	1331.594	2924038.52	0.3455	A	1.5
7	☐	2500.000	2550.340	5548232.16	0.6617	A	2.3
8	☐	5000.000	4946.702	10833022.81	1.2835	A	0.5
9	☐			2972.69	0.0004	P	5.4

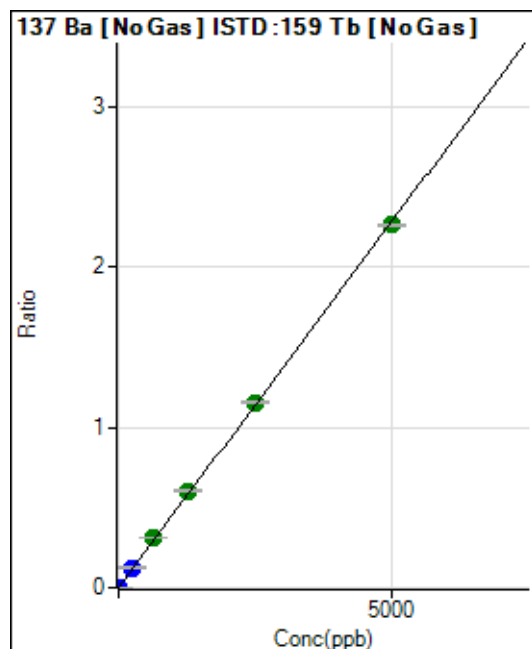
$$y = 2.5946E-004 * x + 5.4990E-006$$

$$R = 0.9998$$

$$DL = 0.04962$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.3
2	☐	1.000					
3	☐	10.000	10.705	39646.48	0.0049	P	2.2
4	☐	250.000	273.370	1002958.31	0.1248	P	4.3
5	☐	625.000	681.242	2578996.41	0.3111	A	0.5
6	☐	1250.000	1318.467	5094919.04	0.6020	A	1.9
7	☐	2500.000	2530.889	9690431.55	1.1557	A	1.5
8	☐	5000.000	4959.238	19112835.85	2.2645	A	0.5
9	☐			5320.74	0.0007	P	3.7

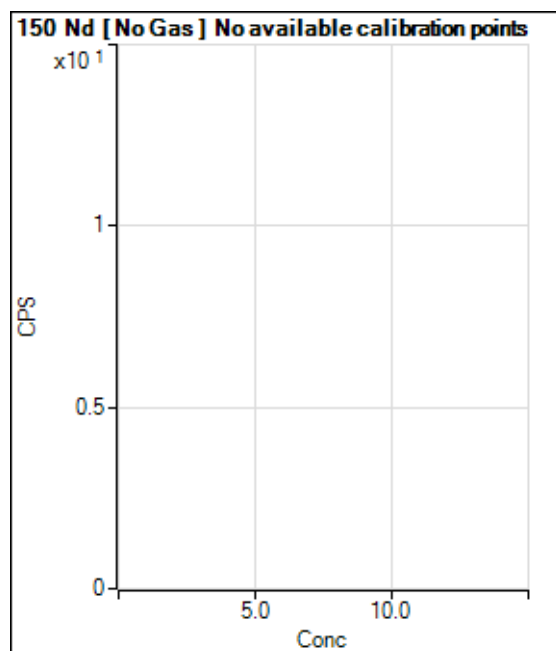
$$y = 4.5662\text{E-}004 * x + 8.2423\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.006654$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			11.11		P	69.3
4	☐			37.78		P	50.9
5	☐			71.12		P	35.5
6	☐			175.56		P	5.8
7	☐			342.24		P	6.8
8	☐			526.70		P	6.3
9	☐			100.01		P	23.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			3.33		P	0.0
7	☐			11.11		P	17.3
8	☐			15.55		P	44.6
9	☐			16.67		P	20.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			19.45		P	24.7
4	☐			19.45		P	65.5
5	☐			41.67		P	20.0
6	☐			47.22		P	10.2
7	☐			69.45		P	27.7
8	☐			180.57		P	17.5
9	☐			102.78		P	36.6

156 Dy [He] No available calibration points

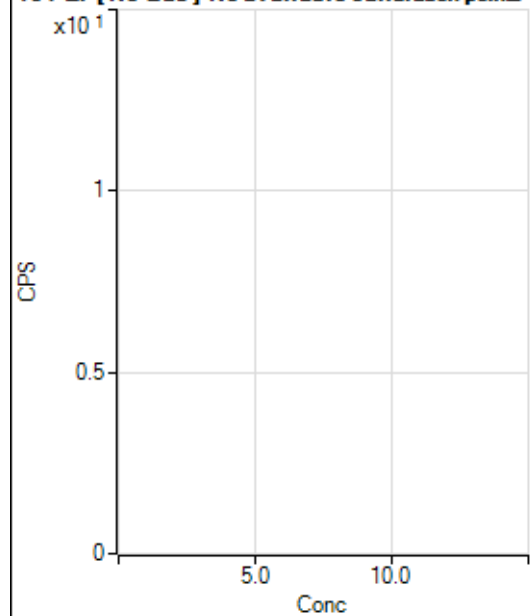
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			1.11		P	173.2
5	☐			3.33		P	100.1
6	☐			3.33		P	100.1
7	☐			12.22		P	31.5
8	☐			16.67		P	34.6
9	☐			16.66		P	34.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	6.0
2	☐						
3	☐			75.00		P	29.4
4	☐			55.56		P	22.9
5	☐			66.67		P	45.1
6	☐			66.67		P	57.3
7	☐			86.11		P	20.1
8	☐			108.34		P	53.8
9	☐			122.23		P	21.9

160 Gd [He] No available calibration points

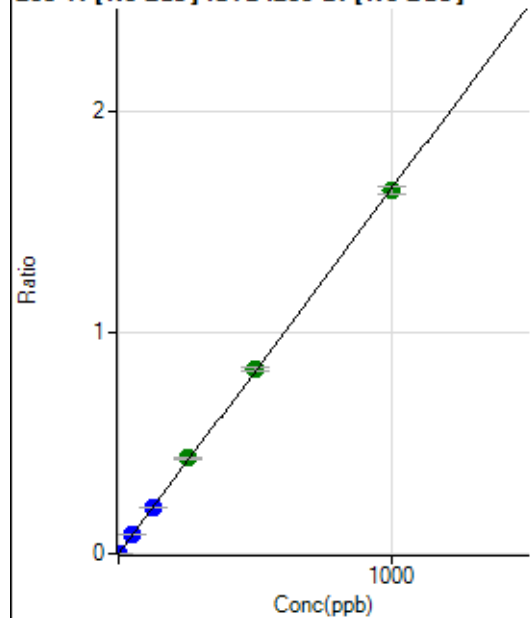
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			8.89		P	43.3
4	☐			7.78		P	24.7
5	☐			7.78		P	89.2
6	☐			10.00		P	33.3
7	☐			11.11		P	45.8
8	☐			28.89		P	13.3
9	☐			24.44		P	7.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			36.11		P	35.3
4	☐			25.00		P	33.3
5	☐			22.22		P	57.3
6	☐			33.33		P	75.0
7	☐			38.89		P	53.9
8	☐			69.45		P	36.7
9	☐			61.12		P	34.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			4.44		P	114.6
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			6.67		P	0.0
7	☐			5.56		P	91.6
8	☐			14.44		P	35.3
9	☐			8.89		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.995	9134.24	0.0017	P	1.0
4	☐	50.000	51.463	457508.94	0.0851	P	4.2
5	☐	125.000	127.675	1182753.94	0.2111	P	0.9
6	☐	250.000	262.342	2481144.81	0.4337	A	1.4
7	☐	500.000	504.410	4835919.12	0.8339	A	2.0
8	☐	1000.000	994.302	9570653.08	1.6438	A	2.1
9	☐			4745.58	0.0009	P	5.3

$$y = 0.0017 * x + 3.0452E-005$$

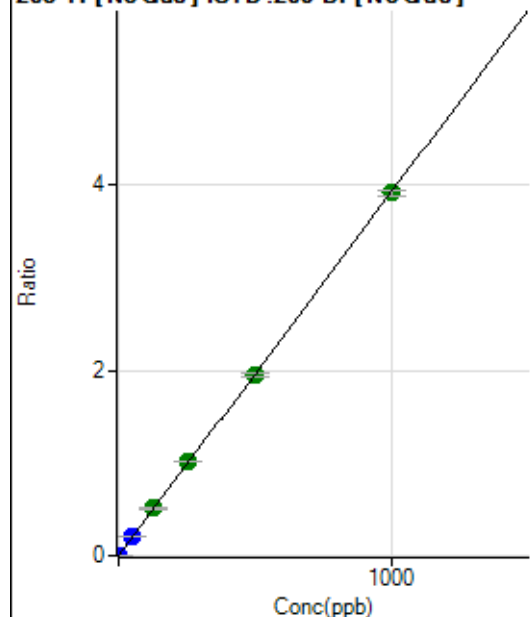
$$R = 0.9999$$

$$DL = 0.009351$$

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	366.69	0.0001	P	15.4
2	☐	0.100					
3	☐	1.000	0.991	21577.46	0.0040	P	0.6
4	☐	50.000	51.800	1093992.95	0.2035	P	3.6
5	☐	125.000	130.106	2862902.58	0.5110	A	1.2
6	☐	250.000	259.940	5839690.84	1.0209	A	1.3
7	☐	500.000	499.084	11365661.88	1.9600	A	2.2
8	☐	1000.000	997.245	22802376.03	3.9163	A	1.9
9	☐			11553.06	0.0022	P	5.3

$$y = 0.0039 * x + 6.6986E-005$$

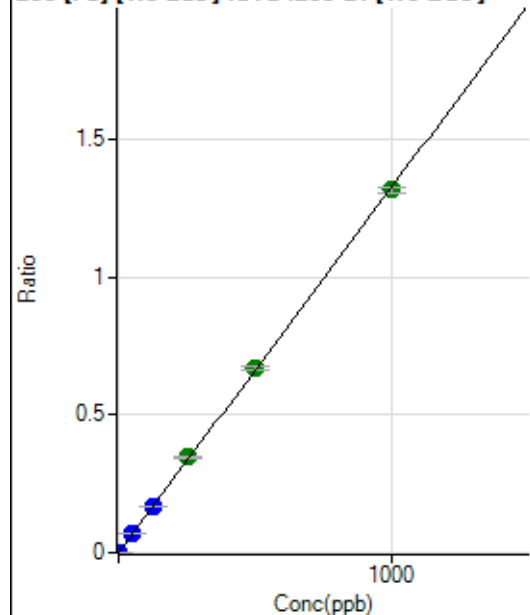
$$R = 0.9999$$

$$DL = 0.00787$$

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	283.35	0.0001	P	2.9
2	☐	0.100					
3	☐	1.000	1.021	7669.21	0.0014	P	0.6
4	☐	50.000	51.683	369030.22	0.0686	P	3.6
5	☐	125.000	128.133	953014.23	0.1701	P	0.4
6	☐	250.000	261.136	1982819.21	0.3466	A	0.8
7	☐	500.000	506.983	3901872.34	0.6729	A	2.2
8	☐	1000.000	993.249	7675276.45	1.3182	A	1.7
9	☐			7728.52	0.0015	P	2.8

$$y = 0.0013 * x + 5.1784E-005$$

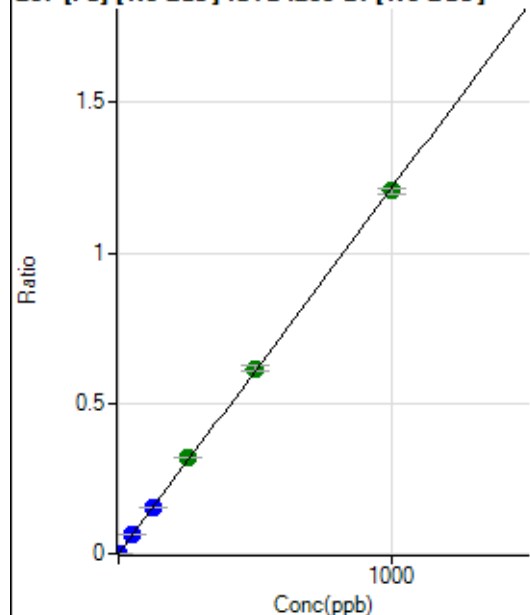
$$R = 0.9999$$

$$DL = 0.003442$$

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	268.53	0.0000	P	28.4
2	☐	0.100					
3	☐	1.000	1.025	7057.75	0.0013	P	0.4
4	☐	50.000	51.060	333884.78	0.0621	P	3.7
5	☐	125.000	127.019	865164.27	0.1544	P	0.3
6	☐	250.000	262.975	1828594.04	0.3197	A	0.4
7	☐	500.000	507.013	3573194.44	0.6162	A	2.6
8	☐	1000.000	992.945	7026594.54	1.2068	A	1.7
9	☐			7059.60	0.0013	P	3.7

$$y = 0.0012 * x + 4.9096E-005$$

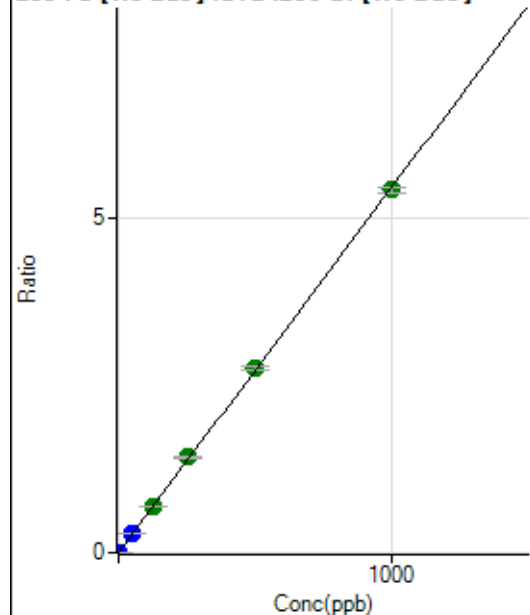
$$R = 0.9999$$

$$DL = 0.03441$$

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	1100.06	0.0002	P	6.3
2	☐	0.100					
3	☐	1.000	1.035	31853.79	0.0058	P	0.6
4	☐	50.000	51.417	1508291.73	0.2806	P	4.0
5	☐	125.000	128.519	3927427.31	0.7010	A	0.8
6	☐	250.000	261.768	8166457.94	1.4276	A	0.9
7	☐	500.000	505.010	15969292.72	2.7540	A	2.3
8	☐	1000.000	994.042	31561251.58	5.4206	A	1.7
9	☐			31660.93	0.0060	P	3.4

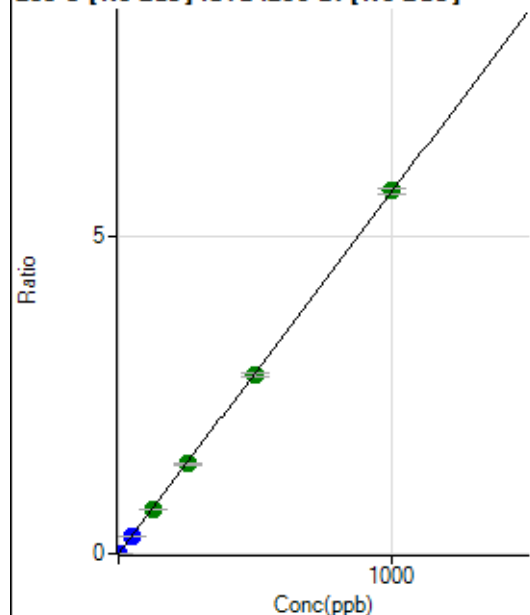
$$y = 0.0055 * x + 2.0097E-004$$

$$R = 0.9999$$

$$DL = 0.006973$$

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	100.01	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.969	30129.05	0.0055	P	2.3
4	☐	50.000	48.969	1497751.31	0.2786	P	3.9
5	☐	125.000	123.746	3944342.10	0.7040	A	1.2
6	☐	250.000	247.453	8053302.61	1.4078	A	1.4
7	☐	500.000	494.854	16327187.00	2.8154	A	1.6
8	☐	1000.000	1003.418	33237841.71	5.7087	A	1.9
9	☐			6624.29	0.0012	P	3.6

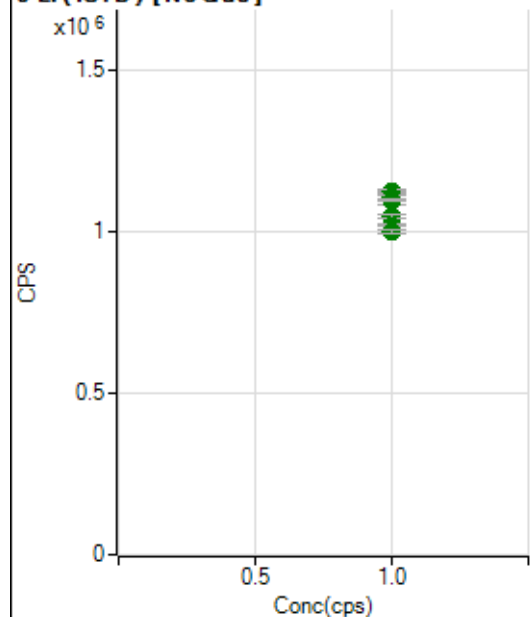
$$y = 0.0057 * x + 1.8307E-005$$

$$R = 1.0000$$

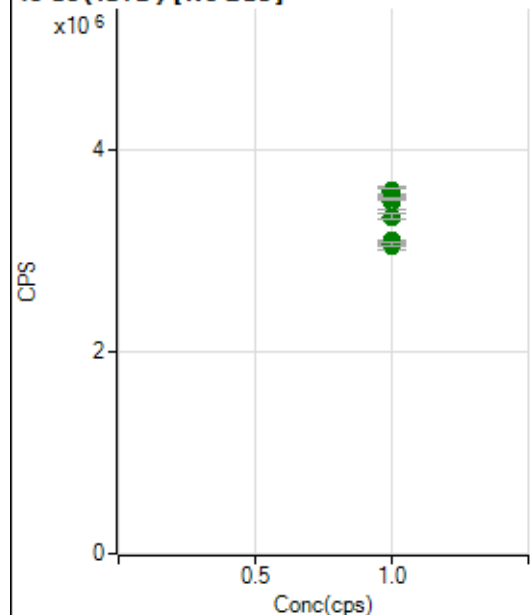
$$DL = 0.001514$$

Weight: <None>

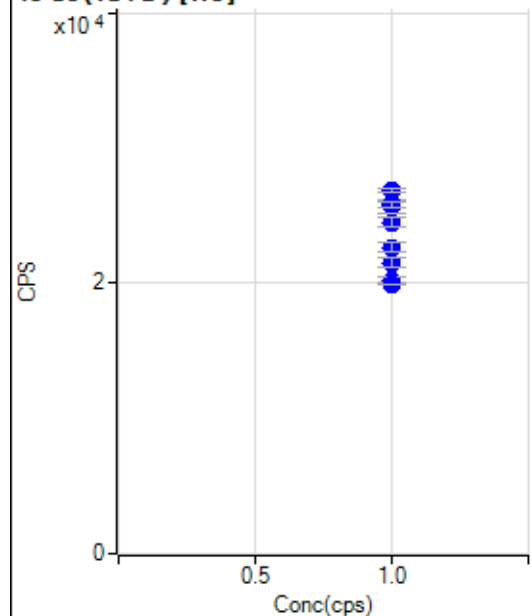
Min Conc: 0

6 Li (ISTD) [No Gas]

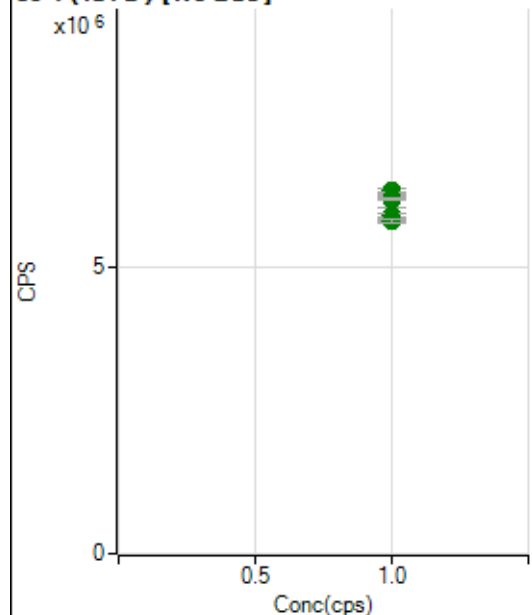
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1119957.38		A	0.3
2	☐	1.000					
3	☐	1.000		1122597.20		A	1.0
4	☐	1.000		1104868.33		A	4.5
5	☐	1.000		1107251.17		A	1.0
6	☐	1.000		1097244.32		A	0.3
7	☐	1.000		1048350.98		A	1.0
8	☐	1.000		1019584.27		A	0.8
9	☐	1.000		998473.33		A	1.4

45 Sc (ISTD) [No Gas]

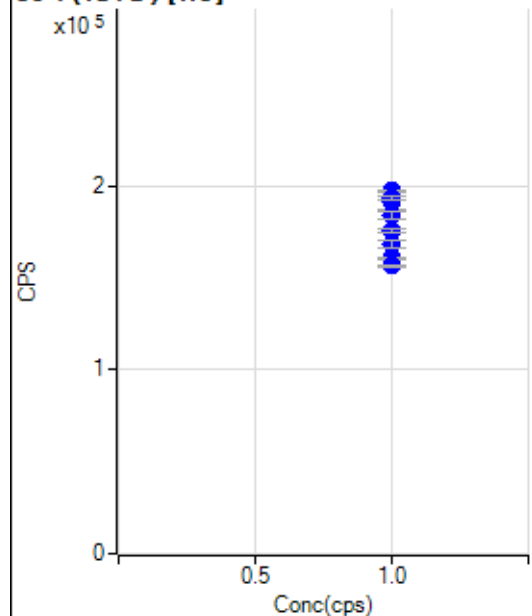
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3591439.62		A	2.1
2	☐	1.000					
3	☐	1.000		3583544.18		A	1.5
4	☐	1.000		3477544.70		A	4.0
5	☐	1.000		3516382.06		A	0.4
6	☐	1.000		3339972.80		A	1.4
7	☐	1.000		3096089.92		A	1.0
8	☐	1.000		3041365.80		A	1.7
9	☐	1.000		3069033.62		A	1.3

45 Sc (ISTD) [He]

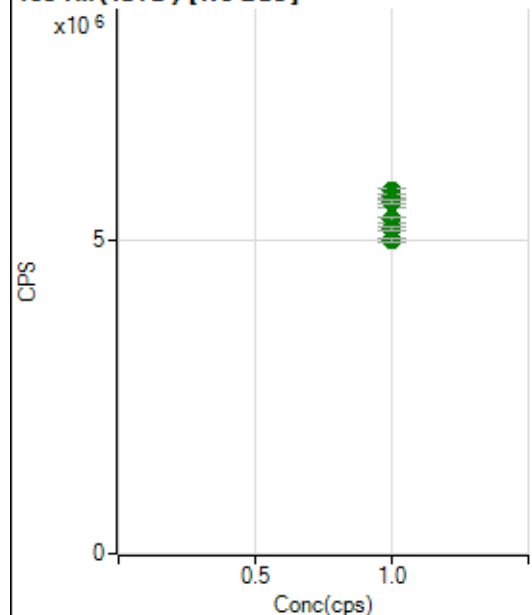
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25707.13		P	3.6
2	☐	1.000					
3	☐	1.000		26848.08		P	0.9
4	☐	1.000		25879.63		P	1.6
5	☐	1.000		24506.04		P	2.7
6	☐	1.000		22694.13		P	2.7
7	☐	1.000		20235.90		P	1.8
8	☐	1.000		19926.56		P	0.3
9	☐	1.000		21534.51		P	3.5

89 Y (ISTD) [No Gas]

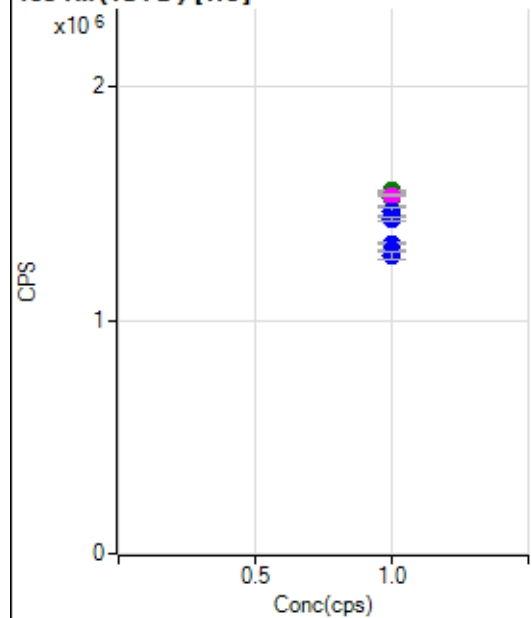
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6284921.16		A	1.0
2	☐	1.000					
3	☐	1.000		6333081.57		A	1.0
4	☐	1.000		6177472.48		A	4.2
5	☐	1.000		6297006.92		A	0.2
6	☐	1.000		6199124.28		A	0.3
7	☐	1.000		5912436.30		A	1.5
8	☐	1.000		5829881.65		A	1.3
9	☐	1.000		5800169.92		A	1.4

89 Y (ISTD) [He]

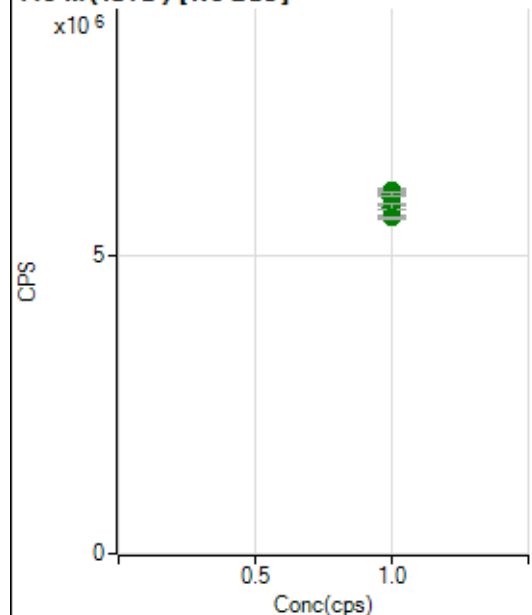
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		191061.50		P	3.7
2	☐	1.000					
3	☐	1.000		197221.01		P	0.6
4	☐	1.000		193614.01		P	0.8
5	☐	1.000		183871.17		P	1.8
6	☐	1.000		175765.04		P	0.9
7	☐	1.000		160756.12		P	0.8
8	☐	1.000		156416.13		P	0.8
9	☐	1.000		168585.35		P	2.5

103 Rh (ISTD) [No Gas]

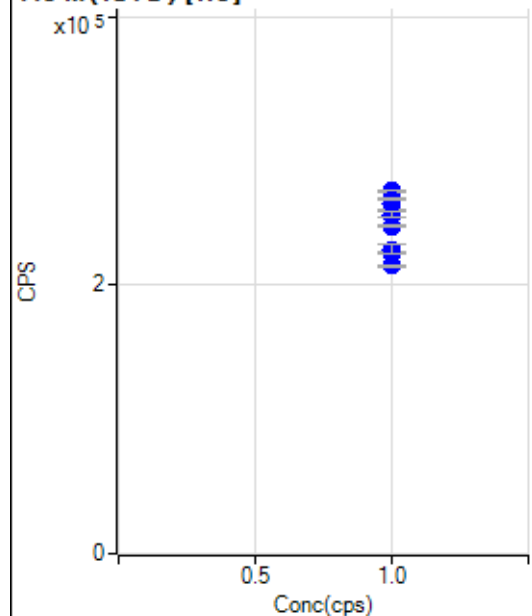
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5798979.38		A	1.2
2	☐	1.000					
3	☐	1.000		5798786.29		A	1.8
4	☐	1.000		5647082.50		A	3.8
5	☐	1.000		5728434.94		A	0.9
6	☐	1.000		5617729.25		A	0.9
7	☐	1.000		5334374.64		A	1.5
8	☐	1.000		5197906.97		A	1.4
9	☐	1.000		5012122.33		A	1.3

103 Rh (ISTD) [He]

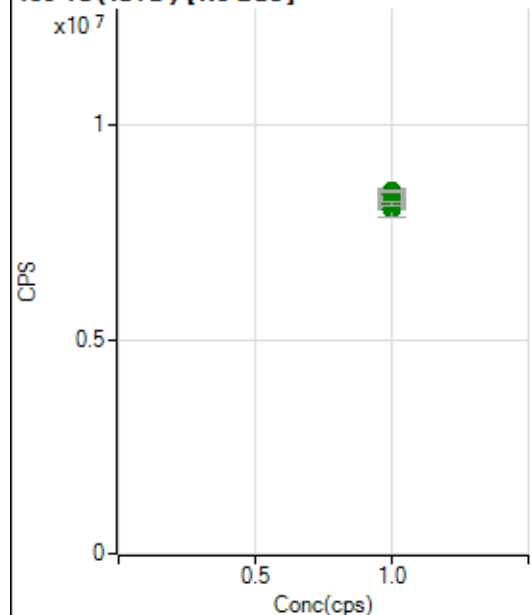
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1525231.19		A	4.3
2	☐	1.000					
3	☐	1.000		1554437.18		A	0.8
4	☐	1.000		1535724.78		M	0.3
5	☐	1.000		1464735.64		P	2.3
6	☐	1.000		1432975.00		P	1.1
7	☐	1.000		1327546.77		P	0.7
8	☐	1.000		1299175.91		P	0.9
9	☐	1.000		1276555.23		P	2.9

115 In (ISTD) [No Gas]

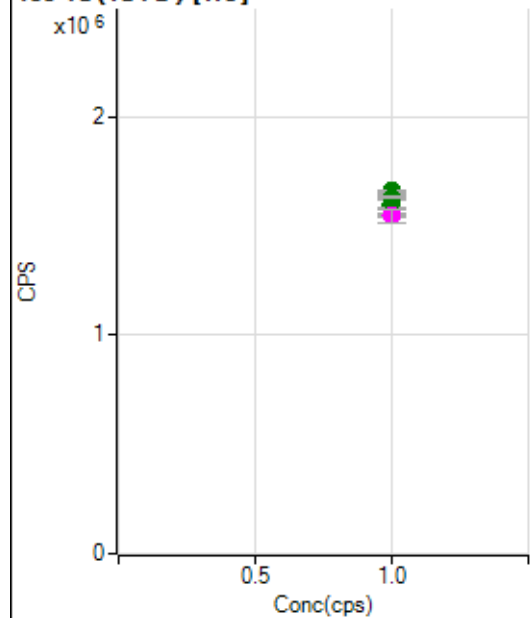
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6070334.29		A	0.4
2	☐	1.000					
3	☐	1.000		6094890.83		A	1.9
4	☐	1.000		5984576.91		A	3.8
5	☐	1.000		6103400.15		A	0.1
6	☐	1.000		6038699.68		A	1.0
7	☐	1.000		5831066.75		A	1.6
8	☐	1.000		5659991.90		A	1.2
9	☐	1.000		5645154.48		A	0.6

115 In (ISTD) [He]

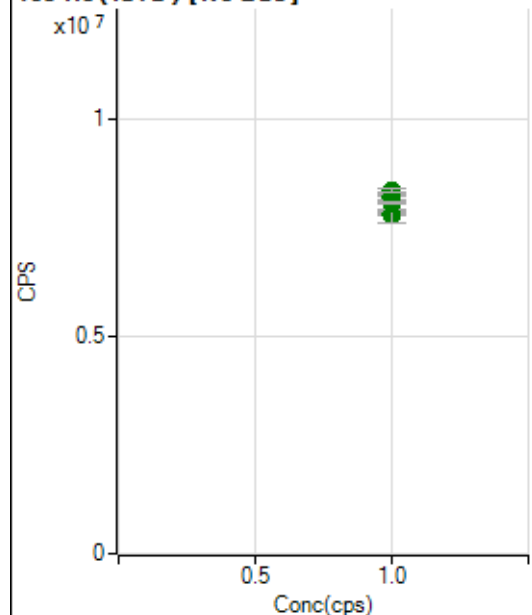
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		260553.71		P	3.5
2	☐	1.000					
3	☐	1.000		270392.57		P	0.3
4	☐	1.000		264260.01		P	0.2
5	☐	1.000		252725.96		P	2.0
6	☐	1.000		243923.56		P	0.7
7	☐	1.000		224067.39		P	0.5
8	☐	1.000		214374.73		P	0.6
9	☐	1.000		227028.22		P	2.9

159 Tb (ISTD) [No Gas]

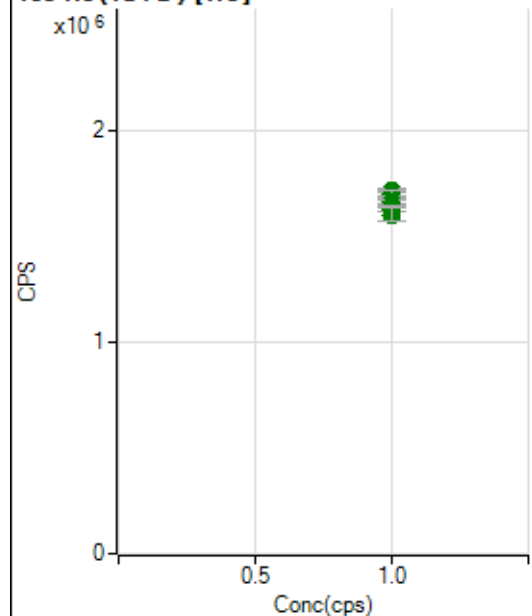
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8087515.78		A	0.4
2	☐	1.000					
3	☐	1.000		8098453.56		A	1.3
4	☐	1.000		8044295.02		A	4.3
5	☐	1.000		8290682.65		A	0.5
6	☐	1.000		8463998.69		A	1.2
7	☐	1.000		8386321.82		A	1.4
8	☐	1.000		8440405.22		A	0.6
9	☐	1.000		8167660.50		A	0.8

159 Tb (ISTD) [He]

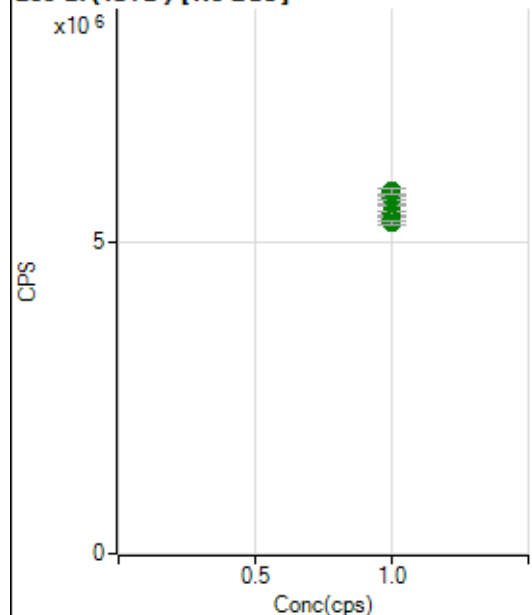
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1596373.26		A	4.7
2	☐	1.000					
3	☐	1.000		1652767.20		A	0.6
4	☐	1.000		1659826.38		A	0.3
5	☐	1.000		1599840.85		A	2.1
6	☐	1.000		1631130.91		A	0.7
7	☐	1.000		1553391.54		A	0.4
8	☐	1.000		1548640.52		A	0.7
9	☐	1.000		1544101.18		M	4.2

165 Ho (ISTD) [No Gas]

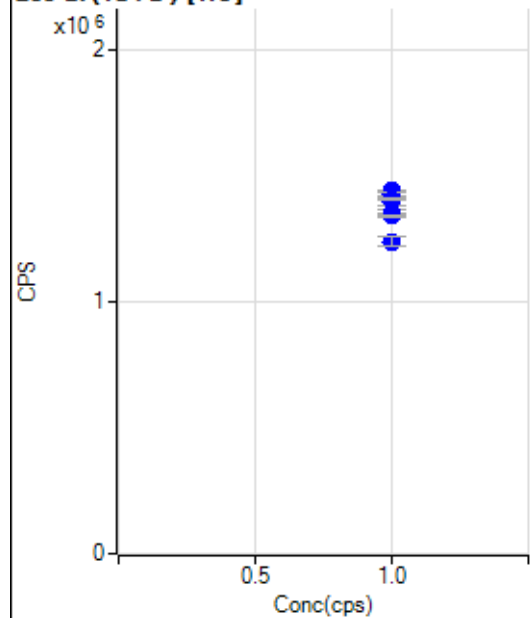
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7817805.38		A	0.8
2	☐	1.000					
3	☐	1.000		7831456.34		A	1.2
4	☐	1.000		7766128.99		A	4.0
5	☐	1.000		8055619.89		A	0.6
6	☐	1.000		8181253.05		A	0.7
7	☐	1.000		8211552.09		A	1.5
8	☐	1.000		8342206.87		A	0.9
9	☐	1.000		8054674.66		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1652458.03		A	4.2
2	☐	1.000					
3	☐	1.000		1712909.00		A	0.9
4	☐	1.000		1701082.37		A	1.8
5	☐	1.000		1664292.04		A	1.6
6	☐	1.000		1659381.16		A	0.9
7	☐	1.000		1624545.74		A	1.0
8	☐	1.000		1639827.27		A	0.3
9	☐	1.000		1601134.85		A	3.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5470813.32		A	1.4
2	☐	1.000					
3	☐	1.000		5450637.56		A	1.4
4	☐	1.000		5380912.32		A	3.7
5	☐	1.000		5602740.19		A	0.7
6	☐	1.000		5720783.53		A	1.1
7	☐	1.000		5800478.94		A	2.0
8	☐	1.000		5823652.20		A	1.8
9	☐	1.000		5305291.83		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1390927.66		P	4.1
2	☐	1.000					
3	☐	1.000		1437563.17		P	0.6
4	☐	1.000		1424056.00		P	1.2
5	☐	1.000		1399292.09		P	2.4
6	☐	1.000		1404769.91		P	0.6
7	☐	1.000		1348324.79		P	0.3
8	☐	1.000		1340691.65		P	0.5
9	☐	1.000		1237721.98		P	3.3

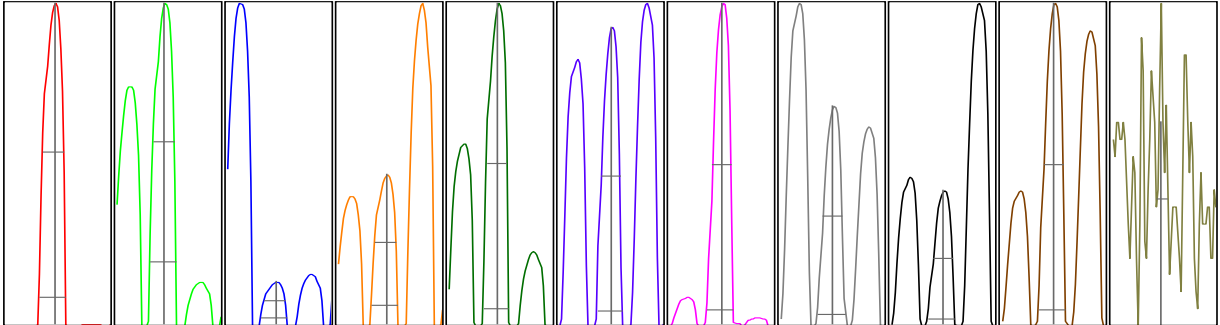
US EPA Tune Check Sample Report

Batch Folder D:\P8101118-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6557	0.59	5.00	
24	63856	0.56	5.00	
25	8840	0.43	5.00	
26	10618	0.72	5.00	
59	70507	0.65	5.00	
113	10169	0.41	5.00	
115	127124	0.77	5.00	
206	30934	0.96	5.00	
207	28334	1.22	5.00	
208	67788	0.91	5.00	
220	1	22.22		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6568	6507	6569	6532	6608
24	64024	63223	64096	63934	64002
25	8865	8776	8869	8847	8844
26	10681	10490	10673	10620	10625
59	70779	69715	70623	70573	70842
113	10166	10112	10217	10202	10150
115	127791	127007	128255	126883	125684
206	30714	30655	30954	30943	31406
207	28047	27916	28473	28484	28753
208	67396	66964	68081	67938	68560
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11372	8.95	8.9 - 9.1		0.763	0.900	
24	109692	23.90	23.9 - 24.1		0.743	0.900	
25	14883	24.95	24.9 - 25.1		0.746	0.900	
26	17375	25.95	25.9 - 26.1		0.753	0.900	
59	126238	58.95	58.9 - 59.1		0.734	0.900	
113	19448	113.05	112.9 - 113.1		0.732	0.900	
115	239436	115.05	114.9 - 115.1		0.761	0.900	
206	57137	206.05	205.9 - 206.1		0.801	0.900	
207	51913	207.05	206.9 - 207.1		0.784	0.900	
208	123785	208.05	207.9 - 208.1		0.778	0.900	
220	1	219.95	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8563	2.02	
89	2596	2.08	
205	14633	1.85	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8655	8592	8259	8632	8678
89	2620	2603	2504	2605	2646
205	14768	14638	14165	14760	14835

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	2.2	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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	5.0	mL/min	OctP RF	200	V			

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	0.22	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.11	-0.01	-0.10	0.00	N/A	ppb
Boron	10-1	-0.22	0.11	0.12	0.00	N/A	ppb
Cadmium	106-1	0.28	-0.72	0.44	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.05	0.03	0.00	N/A	ppb
Calcium	43-1	-2.63	-2.45	5.09	0.00	N/A	ppb
Calcium	44-1	-0.63	-0.85	1.48	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.15	-0.09	-0.06	0.00	N/A	ppb
Iron	57-2	0.18	-0.24	0.06	0.00	N/A	ppb
Krypton	83-1	-4569.21	5979.23	-1410.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.88	0.91	0.00	N/A	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.08	0.00	0.00	N/A	ppb
Phosphorus	31-2	-6.08	-6.08	12.17	0.01	137693.76	ppb
Potassium	39-2	18.61	-10.45	-8.16	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	-0.23	0.47	-0.23	0.00	N/A	ppb
Selenium	82-1	0.23	-0.09	-0.13	0.00	N/A	ppb
Silicon	28-1	0.71	-1.45	0.74	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	-0.01	0.00	N/A	ppb
Sodium	23-2	1.71	-0.53	-1.18	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.04	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	34.34	-442.48	12.88	-131.75		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.06	-0.10	0.00	N/A	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

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

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.55	22.88	19.52	20.65	9.33	ppb
Antimony	121-1	2.14	2.18	2.04	2.12	3.47	ppb
Arsenic	75-1	0.95	0.98	1.09	1.01	7.15	ppb
Barium	135-1	10.65	10.11	10.69	10.48	3.08	ppb
Barium	137-1	10.91	10.44	10.77	10.70	2.22	ppb
Beryllium	9-1	1.11	1.15	1.02	1.09	6.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	26.82	27.03	27.53	27.12	1.35	ppb
Boron	10-1	24.93	25.86	27.24	26.01	4.47	ppb
Cadmium	106-1	0.58	1.82	1.25	1.22	51.08	ppb
Cadmium	108-1	0.79	1.22	0.96	0.99	21.91	ppb
Cadmium	111-1	1.06	1.11	1.10	1.09	2.43	ppb
Calcium	43-1	511.63	479.45	485.98	492.35	3.46	ppb
Calcium	44-1	504.10	479.68	492.89	492.22	2.48	ppb
Chromium	52-2	1.93	2.19	1.97	2.03	6.99	ppb
Cobalt	59-2	0.99	0.95	0.95	0.96	2.45	ppb
Copper	63-2	1.99	1.96	1.93	1.96	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	49.76	50.00	49.48	49.75	0.52	ppb
Iron	57-2	53.36	48.54	42.51	48.13	11.29	ppb
Krypton	83-1	-6612.54	-8491.06	10694.44	-1469.72		ppb
Lead	207-1	1.03	1.02	1.02	1.03	0.44	ppb
Lead	208-1	1.04	1.03	1.04	1.03	0.60	ppb
Lead	206-1	1.03	1.02	1.02	1.02	0.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	492.03	495.48	491.65	493.05	0.43	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.94	0.83	0.87	7.10	ppb
Molybdenum	94-1	4.77	4.98	4.82	4.86	2.22	ppb
Molybdenum	95-1	5.03	4.92	4.95	4.97	1.17	ppb
Molybdenum	96-1	4.94	4.98	5.10	5.01	1.65	ppb
Molybdenum	97-1	5.04	4.83	5.01	4.96	2.21	ppb
Molybdenum	98-1	5.09	5.02	4.86	4.99	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.98	0.88	0.92	5.44	ppb
Phosphorus	31-2	-6.08	12.13	-6.08	-0.01		ppb
Potassium	39-2	495.06	514.03	489.93	499.67	2.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	4.08	0.00	4.05	2.71	86.60	ppb
Selenium	78-2	2.53	5.33	6.63	4.83	43.33	ppb
Selenium	82-1	5.83	5.80	5.12	5.58	7.18	ppb
Silicon	28-1	17.52	16.33	17.54	17.13	4.05	ppb
Silver	109-1	1.17	1.22	1.11	1.17	4.96	ppb
Silver	107-1	1.20	1.09	1.13	1.14	5.13	ppb
Sodium	23-2	484.42	501.31	484.08	489.94	2.01	ppb
Strontium	86-1	1.02	1.08	1.02	1.04	3.28	ppb
Strontium	88-1	1.06	1.04	1.04	1.04	0.94	ppb
Sulfur	34-1	261.93	-30.80	164.13	131.75	113.11	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	1.01	1.00	0.99	1.00	1.02	ppb
Thallium	205-1	1.00	0.99	0.98	0.99	0.60	ppb
Tin	118-1	5.44	5.50	5.42	5.45	0.76	ppb
Titanium	47-1	5.19	5.34	5.23	5.25	1.48	ppb
Uranium	238-1	0.99	0.94	0.98	0.97	2.29	ppb
Vanadium	51-2	4.98	4.77	4.92	4.89	2.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.00	1.98	2.34	2.10	9.60	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.90	0.93	0.92	2.59	ppb
Zirconium	91-1	0.91	0.92	0.86	0.90	3.65	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	969.34	918.84	928.56	938.91	2.85	ppb
Antimony	121-1	52.26	55.92	52.51	53.56	3.82	ppb
Arsenic	75-1	48.76	52.48	49.37	50.20	3.97	ppb
Barium	135-1	267.44	287.15	265.17	273.25	4.43	ppb
Barium	137-1	268.40	286.81	264.91	273.37	4.30	ppb
Beryllium	9-1	54.55	58.55	53.83	55.65	4.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	11-1	49.19	56.46	52.42	52.69	6.92	ppb
Boron	10-1	51.74	57.91	51.96	53.87	6.50	ppb
Cadmium	106-1	55.75	60.97	57.71	58.14	4.53	ppb
Cadmium	108-1	54.54	60.96	53.44	56.32	7.21	ppb
Cadmium	111-1	54.22	58.67	54.05	55.65	4.71	ppb
Calcium	43-1	4983.93	5430.15	5197.00	5203.69	4.29	ppb
Calcium	44-1	5041.44	5496.51	5202.36	5246.77	4.40	ppb
Chromium	52-2	50.28	50.41	49.15	49.95	1.39	ppb
Cobalt	59-2	49.57	50.45	48.53	49.52	1.95	ppb
Copper	63-2	99.22	100.12	96.82	98.72	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2524.08	2547.51	2438.91	2503.50	2.28	ppb
Iron	57-2	2503.60	2462.59	2404.76	2456.99	2.02	ppb
Krypton	83-1	161.65	-8749.46	-3682.93	-4090.25		ppb
Lead	207-1	49.46	53.13	50.59	51.06	3.68	ppb
Lead	208-1	49.82	53.72	50.71	51.42	3.97	ppb
Lead	206-1	50.44	53.86	50.75	51.68	3.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	5049.23	5050.89	4923.33	5007.82	1.46	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.74	101.60	100.38	101.24	0.74	ppb
Molybdenum	94-1	249.35	273.07	251.82	258.08	5.05	ppb
Molybdenum	95-1	251.15	273.51	251.15	258.60	4.99	ppb
Molybdenum	96-1	250.57	272.12	248.47	257.05	5.09	ppb
Molybdenum	97-1	249.77	271.66	249.89	257.11	4.90	ppb
Molybdenum	98-1	250.71	273.28	250.86	258.28	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.22	50.78	49.40	50.14	1.39	ppb
Phosphorus	31-2	1027.49	1073.77	1077.66	1059.64	2.63	ppb
Potassium	39-2	2568.33	2581.16	2441.58	2530.36	3.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	62.80	74.19	66.55	67.85	8.55	ppb
Selenium	78-2	55.79	44.45	64.58	54.94	18.37	ppb
Selenium	82-1	53.01	57.45	51.75	54.07	5.54	ppb
Silicon	28-1	57.51	67.62	61.17	62.10	8.24	ppb
Silver	109-1	56.22	60.66	55.42	57.43	4.91	ppb
Silver	107-1	56.21	60.73	55.29	57.41	5.07	ppb
Sodium	23-2	4913.20	4953.82	4790.09	4885.70	1.75	ppb
Strontium	86-1	50.84	53.73	50.06	51.55	3.76	ppb
Strontium	88-1	51.80	55.18	51.01	52.66	4.20	ppb
Sulfur	34-1	1016.03	2155.84	1264.24	1478.70	40.54	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	50.13	53.94	50.32	51.46	4.17	ppb
Thallium	205-1	50.56	53.95	50.89	51.80	3.61	ppb
Tin	118-1	53.77	58.18	52.78	54.91	5.24	ppb
Titanium	47-1	250.37	276.00	259.87	262.08	4.94	ppb
Uranium	238-1	47.88	51.20	47.83	48.97	3.94	ppb
Vanadium	51-2	51.50	50.20	49.00	50.23	2.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	98.64	101.15	97.67	99.15	1.81	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.18	53.44	50.58	51.40	3.46	ppb
Zirconium	91-1	48.86	53.08	50.81	50.92	4.15	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2411.94	2499.02	2464.78	2458.58	1.78	ppb
Antimony	121-1	133.25	134.47	134.85	134.19	0.62	ppb
Arsenic	75-1	125.70	125.45	125.57	125.58	0.10	ppb
Barium	135-1	670.46	682.34	679.77	677.53	0.92	ppb
Barium	137-1	678.60	685.31	679.82	681.24	0.53	ppb
Beryllium	9-1	138.04	136.50	138.84	137.79	0.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	130.53	133.12	137.37	133.67	2.58	ppb
Boron	10-1	137.17	135.24	138.38	136.93	1.16	ppb
Cadmium	106-1	137.19	144.03	141.54	140.92	2.46	ppb
Cadmium	108-1	140.59	135.66	142.39	139.55	2.50	ppb
Cadmium	111-1	136.51	139.38	138.30	138.06	1.05	ppb
Calcium	43-1	12853.44	13010.86	12848.26	12904.18	0.72	ppb
Calcium	44-1	12801.69	12890.09	12789.62	12827.14	0.43	ppb
Chromium	52-2	127.13	134.94	130.17	130.75	3.01	ppb
Cobalt	59-2	126.02	132.15	128.25	128.81	2.41	ppb
Copper	63-2	250.54	264.00	254.48	256.34	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	6345.10	6687.31	6456.98	6496.46	2.69	ppb
Iron	57-2	6236.19	6491.95	6244.19	6324.11	2.30	ppb
Krypton	83-1	4568.39	-1197.65	1066.17	1478.97	196.43	ppb
Lead	207-1	127.25	127.15	126.66	127.02	0.25	ppb
Lead	208-1	128.62	129.49	127.45	128.52	0.79	ppb
Lead	206-1	128.66	128.20	127.54	128.13	0.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	12755.42	13390.33	12844.17	12996.64	2.65	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.55	268.36	261.82	261.58	2.64	ppb
Molybdenum	94-1	658.10	660.48	654.38	657.65	0.47	ppb
Molybdenum	95-1	649.43	652.51	651.85	651.26	0.25	ppb
Molybdenum	96-1	656.05	646.14	653.36	651.85	0.79	ppb
Molybdenum	97-1	655.35	655.08	651.99	654.14	0.29	ppb
Molybdenum	98-1	640.27	639.40	644.72	641.46	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.79	134.20	131.48	131.49	2.06	ppb
Phosphorus	31-2	2587.77	2693.22	2404.78	2561.93	5.70	ppb
Potassium	39-2	6282.34	6601.16	6438.48	6440.66	2.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	154.89	187.42	104.78	149.03	27.93	ppb
Selenium	78-2	128.03	152.45	130.66	137.05	9.78	ppb
Selenium	82-1	131.73	131.90	132.02	131.88	0.11	ppb
Silicon	28-1	149.91	152.29	151.54	151.25	0.81	ppb
Silver	109-1	140.02	141.09	141.36	140.82	0.51	ppb
Silver	107-1	140.42	141.22	141.82	141.15	0.50	ppb
Sodium	23-2	12387.49	13023.25	12588.41	12666.38	2.57	ppb
Strontium	86-1	129.74	128.96	130.49	129.73	0.59	ppb
Strontium	88-1	132.89	132.11	132.26	132.42	0.31	ppb
Sulfur	34-1	2774.98	2926.21	2847.94	2849.71	2.65	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	127.45	128.91	126.66	127.67	0.89	ppb
Thallium	205-1	130.68	131.33	128.31	130.11	1.22	ppb
Tin	118-1	135.29	136.94	136.02	136.08	0.61	ppb
Titanium	47-1	650.93	653.09	646.77	650.26	0.49	ppb
Uranium	238-1	125.34	123.61	122.29	123.75	1.24	ppb
Vanadium	51-2	127.21	135.46	128.68	130.45	3.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	252.41	270.20	258.15	260.25	3.49	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	132.65	131.95	132.27	132.29	0.26	ppb
Zirconium	91-1	128.29	127.67	127.27	127.74	0.40	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4769.76	4932.82	4930.85	4877.81	1.92	ppb
Antimony	121-1	273.40	265.31	266.97	268.56	1.59	ppb
Arsenic	75-1	257.09	250.83	256.57	254.83	1.36	ppb
Barium	135-1	1353.76	1315.38	1325.64	1331.59	1.49	ppb
Barium	137-1	1338.21	1291.10	1326.09	1318.47	1.86	ppb
Beryllium	9-1	267.30	265.36	263.99	265.55	0.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	253.15	257.95	260.72	257.28	1.49	ppb
Boron	10-1	257.83	253.71	268.30	259.95	2.89	ppb
Cadmium	106-1	277.71	268.81	276.19	274.24	1.74	ppb
Cadmium	108-1	278.54	263.72	276.09	272.78	2.91	ppb
Cadmium	111-1	268.34	264.67	266.77	266.59	0.69	ppb
Calcium	43-1	26272.38	25899.44	25972.54	26048.12	0.76	ppb
Calcium	44-1	25786.01	25415.16	25911.90	25704.36	1.00	ppb
Chromium	52-2	249.97	256.23	257.40	254.54	1.57	ppb
Cobalt	59-2	249.00	256.66	258.22	254.62	1.94	ppb
Copper	63-2	495.95	514.19	513.72	507.95	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	12454.13	12735.18	12828.42	12672.58	1.54	ppb
Iron	57-2	12376.62	12631.47	12690.02	12566.04	1.33	ppb
Krypton	83-1	13135.95	-3552.08	1589.92	3724.60	229.46	ppb
Lead	207-1	263.84	261.67	263.41	262.97	0.44	ppb
Lead	208-1	263.14	259.16	263.00	261.77	0.86	ppb
Lead	206-1	260.51	259.40	263.50	261.14	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	25027.98	25906.45	25960.66	25631.70	2.04	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	498.98	515.28	517.16	510.48	1.96	ppb
Molybdenum	94-1	1295.88	1280.58	1297.08	1291.18	0.71	ppb
Molybdenum	95-1	1297.26	1283.10	1278.99	1286.45	0.74	ppb
Molybdenum	96-1	1303.66	1275.14	1268.18	1282.33	1.47	ppb
Molybdenum	97-1	1310.59	1290.95	1294.11	1298.55	0.81	ppb
Molybdenum	98-1	1294.89	1271.02	1273.20	1279.70	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.72	261.51	261.77	257.33	2.90	ppb
Phosphorus	31-2	5061.55	5368.24	5340.89	5256.89	3.23	ppb
Potassium	39-2	12248.48	12461.49	12480.60	12396.86	1.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	222.04	284.67	304.38	270.36	15.90	ppb
Selenium	78-2	270.70	234.63	259.10	254.81	7.23	ppb
Selenium	82-1	262.45	261.74	259.01	261.07	0.70	ppb
Silicon	28-1	277.37	274.00	280.34	277.23	1.14	ppb
Silver	109-1	282.30	271.69	277.70	277.23	1.92	ppb
Silver	107-1	282.09	270.66	280.14	277.63	2.20	ppb
Sodium	23-2	24954.45	25575.91	26088.62	25539.66	2.22	ppb
Strontium	86-1	259.64	255.97	257.44	257.68	0.72	ppb
Strontium	88-1	260.23	255.61	259.39	258.41	0.95	ppb
Sulfur	34-1	5617.91	5279.40	5579.23	5492.18	3.37	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	261.86	258.84	266.32	262.34	1.43	ppb
Thallium	205-1	260.97	256.17	262.69	259.94	1.30	ppb
Tin	118-1	277.88	266.94	270.97	271.93	2.03	ppb
Titanium	47-1	1335.75	1310.95	1348.57	1331.76	1.44	ppb
Uranium	238-1	247.01	244.23	251.12	247.45	1.40	ppb
Vanadium	51-2	248.47	255.52	257.90	253.96	1.93	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	500.35	518.47	513.96	510.93	1.85	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	262.35	257.83	260.19	260.12	0.87	ppb
Zirconium	91-1	259.06	252.27	255.30	255.54	1.33	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9704.32	9404.26	9829.22	9645.93	2.26	ppb
Antimony	121-1	519.22	507.05	504.94	510.40	1.51	ppb
Arsenic	75-1	510.26	498.94	492.28	500.49	1.82	ppb
Barium	135-1	2618.46	2518.07	2514.49	2550.34	2.31	ppb
Barium	137-1	2572.42	2517.73	2502.51	2530.89	1.45	ppb
Beryllium	9-1	515.36	501.03	492.73	503.04	2.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	11-1	497.45	503.23	498.16	499.61	0.63	ppb
Boron	10-1	493.75	494.90	498.56	495.73	0.51	ppb
Cadmium	106-1	524.72	511.17	499.84	511.91	2.43	ppb
Cadmium	108-1	524.22	507.41	505.94	512.52	1.98	ppb
Cadmium	111-1	514.61	500.80	499.43	504.95	1.66	ppb
Calcium	43-1	51345.13	50641.33	50005.19	50663.88	1.32	ppb
Calcium	44-1	50940.60	50294.24	49386.45	50207.10	1.56	ppb
Chromium	52-2	506.02	493.10	508.33	502.48	1.63	ppb
Cobalt	59-2	504.83	493.44	514.52	504.26	2.09	ppb
Copper	63-2	1015.78	991.93	1023.09	1010.26	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				86		%
Iron	56-2	25039.13	24580.53	25534.54	25051.40	1.90	ppb
Iron	57-2	25110.80	24456.98	25479.50	25015.76	2.07	ppb
Krypton	83-1	-3426.65	2555.58	4259.11	1129.34	357.42	ppb
Lead	207-1	522.51	499.44	499.08	507.01	2.65	ppb
Lead	208-1	518.56	498.15	498.32	505.01	2.32	ppb
Lead	206-1	519.96	501.73	499.26	506.98	2.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	52264.61	50042.90	52867.07	51724.86	2.88	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.47	986.86	1035.53	1011.29	2.41	ppb
Molybdenum	94-1	2557.73	2473.86	2459.63	2497.07	2.12	ppb
Molybdenum	95-1	2556.25	2467.57	2464.11	2495.97	2.09	ppb
Molybdenum	96-1	2557.49	2494.66	2462.50	2504.88	1.93	ppb
Molybdenum	97-1	2578.26	2495.50	2470.49	2514.75	2.24	ppb
Molybdenum	98-1	2559.71	2484.82	2476.64	2507.06	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.53	498.75	514.43	507.90	1.61	ppb
Phosphorus	31-2	10893.74	9896.45	10165.52	10318.57	5.00	ppb
Potassium	39-2	24256.70	23545.82	24752.75	24185.09	2.51	ppb
Rhodium	103-1				92		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				79		%
Selenium	77-2	459.79	402.39	535.44	465.87	14.32	ppb
Selenium	78-2	529.69	498.74	485.75	504.73	4.47	ppb
Selenium	82-1	519.61	498.69	498.62	505.64	2.39	ppb
Silicon	28-1	542.15	512.51	504.49	519.71	3.82	ppb
Silver	109-1	530.79	507.96	508.95	515.90	2.50	ppb
Silver	107-1	528.32	514.69	506.17	516.39	2.16	ppb
Sodium	23-2	51112.62	49441.37	50839.37	50464.45	1.78	ppb
Strontium	86-1	507.56	494.08	492.44	498.03	1.67	ppb
Strontium	88-1	514.95	498.59	496.03	503.19	2.04	ppb
Sulfur	34-1	10770.55	10036.53	9734.90	10180.66	5.23	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	516.11	498.68	498.45	504.41	2.01	ppb
Thallium	205-1	511.66	492.86	492.73	499.08	2.18	ppb
Tin	118-1	524.39	507.68	505.65	512.57	2.01	ppb
Titanium	47-1	2582.05	2536.95	2526.13	2548.38	1.16	ppb
Uranium	238-1	502.99	494.61	486.96	494.85	1.62	ppb
Vanadium	51-2	505.38	494.09	514.26	504.58	2.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				84		%
Zinc	66-2	1020.62	989.53	1022.52	1010.89	1.83	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.89	494.19	495.36	501.48	2.32	ppb
Zirconium	91-1	512.26	497.32	499.63	503.07	1.60	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18684.70	18840.66	19046.80	18857.38	0.96	ppb
Antimony	121-1	988.02	990.99	987.48	988.83	0.19	ppb
Arsenic	75-1	1000.95	1008.36	986.09	998.46	1.14	ppb
Barium	135-1	4942.66	4971.17	4926.27	4946.70	0.46	ppb
Barium	137-1	4952.55	4988.60	4936.57	4959.24	0.54	ppb
Beryllium	9-1	991.07	998.29	988.78	992.71	0.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	11-1	968.57	1008.45	1014.29	997.10	2.50	ppb
Boron	10-1	973.63	1001.30	1018.87	997.94	2.29	ppb
Cadmium	106-1	983.91	987.30	985.56	985.59	0.17	ppb
Cadmium	108-1	986.48	988.08	983.16	985.91	0.25	ppb
Cadmium	111-1	984.93	993.01	996.44	991.46	0.60	ppb
Calcium	43-1	100806.08	101268.67	99712.82	100595.86	0.79	ppb
Calcium	44-1	97587.29	99910.69	97187.44	98228.47	1.50	ppb
Chromium	52-2	991.74	1000.35	998.64	996.91	0.46	ppb
Cobalt	59-2	992.15	993.17	1003.47	996.26	0.63	ppb
Copper	63-2	1976.34	2007.33	1992.78	1992.15	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				82		%
Iron	56-2	49240.35	49761.24	49579.72	49527.10	0.53	ppb
Iron	57-2	48722.18	49051.09	48927.02	48900.10	0.34	ppb
Krypton	83-1	5394.67	2803.05	-8629.97	-144.08		ppb
Lead	207-1	985.12	1011.79	981.93	992.94	1.65	ppb
Lead	208-1	985.26	1013.26	983.61	994.04	1.68	ppb
Lead	206-1	983.35	1013.00	983.40	993.25	1.72	ppb
Lithium	6-1				91		%
Magnesium	24-2	100962.13	101959.87	101412.35	101444.78	0.49	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1972.12	2011.14	1987.42	1990.23	0.99	ppb
Molybdenum	94-1	4973.93	5024.37	4961.75	4986.68	0.67	ppb
Molybdenum	95-1	4949.72	5030.72	4987.12	4989.19	0.81	ppb
Molybdenum	96-1	4958.52	5010.66	4988.12	4985.77	0.52	ppb
Molybdenum	97-1	4953.91	5007.51	4968.05	4976.49	0.56	ppb
Molybdenum	98-1	4943.38	5048.20	4968.15	4986.57	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.26	996.44	995.49	993.40	0.45	ppb
Phosphorus	31-2	19906.82	19933.04	19457.45	19765.77	1.35	ppb
Potassium	39-2	47063.32	47680.10	47463.23	47402.22	0.66	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				78		%
Selenium	77-2	923.59	991.72	1108.96	1008.09	9.30	ppb
Selenium	78-2	974.92	1018.22	990.90	994.68	2.20	ppb
Selenium	82-1	981.42	1008.11	990.50	993.35	1.37	ppb
Silicon	28-1	972.81	996.36	968.97	979.38	1.51	ppb
Silver	109-1	980.87	983.94	983.88	982.89	0.18	ppb
Silver	107-1	982.40	986.13	978.99	982.51	0.36	ppb
Sodium	23-2	97443.00	99040.00	98903.12	98462.04	0.90	ppb
Strontium	86-1	991.87	1021.15	982.17	998.40	2.03	ppb
Strontium	88-1	996.65	1005.51	983.56	995.24	1.11	ppb
Sulfur	34-1	19577.81	20201.54	19377.57	19718.98	2.18	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	983.72	1018.81	980.38	994.30	2.14	ppb
Thallium	205-1	984.30	1018.52	988.92	997.24	1.86	ppb
Tin	118-1	979.67	991.08	989.05	986.60	0.62	ppb
Titanium	47-1	4941.69	5047.77	4865.37	4951.61	1.85	ppb
Uranium	238-1	992.69	1025.64	991.92	1003.42	1.92	ppb
Vanadium	51-2	987.20	998.08	1002.80	996.03	0.80	ppb
Yttrium	89-1				93		%
Yttrium	89-2				82		%
Zinc	66-2	1986.04	1998.40	1987.30	1990.58	0.34	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	992.95	1011.51	982.78	995.75	1.46	ppb
Zirconium	91-1	994.08	997.62	998.37	996.69	0.23	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98983.15	96673.19	105158.71	100271.69	4.38	ppb
Antimony	121-1	3.03	2.87	2.66	2.85	6.65	ppb
Arsenic	75-1	1.88	1.65	1.61	1.71	8.46	ppb
Barium	135-1	1.32	1.47	1.36	1.38	5.51	ppb
Barium	137-1	1.46	1.35	1.41	1.41	3.78	ppb
Beryllium	9-1	0.81	0.58	0.64	0.67	17.65	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	11-1	49.89	44.68	42.47	45.68	8.34	ppb
Boron	10-1	51.78	46.30	45.05	47.71	7.50	ppb
Cadmium	106-1	-0.62	-0.63	-0.12	-0.45		ppb
Cadmium	108-1	0.34	0.49	0.10	0.31	64.62	ppb
Cadmium	111-1	0.16	0.13	0.19	0.16	18.56	ppb
Calcium	43-1	505113.67	494683.72	499452.31	499749.90	1.04	ppb
Calcium	44-1	505890.76	494689.10	500283.35	500287.74	1.12	ppb
Chromium	52-2	55.24	53.76	58.03	55.67	3.90	ppb
Cobalt	59-2	12.68	12.37	13.58	12.88	4.87	ppb
Copper	63-2	4.62	4.27	5.03	4.64	8.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	247192.62	241215.89	261815.32	250074.61	4.24	ppb
Iron	57-2	247802.16	241248.97	261589.92	250213.68	4.15	ppb
Krypton	83-1	5436.35	11788.34	6762.24	7995.65	41.91	ppb
Lead	207-1	1.10	1.05	1.02	1.05	3.86	ppb
Lead	208-1	1.10	1.03	1.04	1.06	3.51	ppb
Lead	206-1	1.09	1.04	1.04	1.06	2.85	ppb
Lithium	6-1				89		%
Magnesium	24-2	494864.54	480650.87	522968.05	499494.49	4.31	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.95	15.39	17.24	16.19	5.84	ppb
Molybdenum	94-1	7.74	7.16	7.28	7.39	4.17	ppb
Molybdenum	95-1	9.98	9.58	9.38	9.65	3.14	ppb
Molybdenum	96-1	10.08	9.75	9.41	9.75	3.40	ppb
Molybdenum	97-1	10.09	9.79	9.10	9.66	5.24	ppb
Molybdenum	98-1	9.92	9.49	9.38	9.60	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.26	41.51	45.20	43.32	4.27	ppb
Phosphorus	31-2	-6.08	15.69	-6.08	1.18	1065.47	ppb
Potassium	39-2	247045.41	242179.22	262578.78	250601.14	4.25	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	0.00	4.68	0.00	1.56	173.21	ppb
Selenium	78-2	0.57	1.35	0.60	0.84	52.95	ppb
Selenium	82-1	0.82	0.51	0.92	0.75	28.43	ppb
Silicon	28-1	59.65	59.66	73.86	64.39	12.74	ppb
Silver	109-1	0.15	0.17	0.12	0.14	15.33	ppb
Silver	107-1	0.14	0.14	0.14	0.14	2.74	ppb
Sodium	23-2	494901.23	482917.73	522874.51	500231.16	4.10	ppb
Strontium	86-1	4.64	4.66	4.65	4.65	0.21	ppb
Strontium	88-1	4.84	4.71	4.72	4.76	1.51	ppb
Sulfur	34-1	-295.38	-461.44	-279.23	-345.35		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.54	0.54	0.49	0.52	5.47	ppb
Thallium	205-1	0.57	0.54	0.51	0.54	5.47	ppb
Tin	118-1	2.64	2.36	2.35	2.45	6.73	ppb
Titanium	47-1	1.36	1.66	1.62	1.55	10.59	ppb
Uranium	238-1	0.21	0.22	0.21	0.22	3.68	ppb
Vanadium	51-2	0.62	0.62	0.44	0.56	18.83	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	14.93	15.42	15.84	15.40	2.95	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.38	0.41	0.40	3.96	ppb
Zirconium	91-1	0.43	0.44	0.40	0.42	4.38	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:17:33	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.13	457.17	509.74	481.68	5.49	ppb
Antimony	121-1	211.02	213.97	210.88	211.95	0.82	ppb
Arsenic	75-1	192.03	203.42	197.25	197.56	2.89	ppb
Barium	135-1	104.74	106.22	106.13	105.70	0.78	ppb
Barium	137-1	105.55	105.44	105.83	105.60	0.19	ppb
Beryllium	9-1	108.71	106.69	105.84	107.08	1.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	3.17	3.45	3.29	3.30	4.25	ppb
Boron	10-1	2.40	3.25	3.70	3.12	21.16	ppb
Cadmium	106-1	89.41	96.25	91.52	92.39	3.79	ppb
Cadmium	108-1	98.93	99.45	97.23	98.54	1.18	ppb
Cadmium	111-1	106.40	106.74	105.77	106.30	0.46	ppb
Calcium	43-1	1970.51	2114.43	2025.92	2036.95	3.56	ppb
Calcium	44-1	1993.76	2077.50	2007.95	2026.41	2.21	ppb
Chromium	52-2	98.08	98.92	107.17	101.39	4.95	ppb
Cobalt	59-2	100.57	101.48	109.15	103.73	4.54	ppb
Copper	63-2	100.71	101.22	109.37	103.77	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	994.45	1000.77	1087.44	1027.55	5.06	ppb
Iron	57-2	957.23	997.55	1076.14	1010.31	5.99	ppb
Krypton	83-1	-10763.33	-4291.30	1125.94	-4642.90		ppb
Lead	207-1	195.31	202.38	196.58	198.09	1.90	ppb
Lead	208-1	202.71	210.37	203.44	205.51	2.06	ppb
Lead	206-1	203.36	211.12	206.00	206.83	1.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	1187.27	1209.95	1348.27	1248.50	6.98	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:17:33	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.50	99.93	107.68	101.70	5.23	ppb
Molybdenum	94-1	0.11	0.18	0.09	0.13	35.29	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	29.63	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.05	21.26	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	20.30	ppb
Molybdenum	98-1	0.05	0.05	0.03	0.04	23.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.04	102.26	111.81	105.04	5.61	ppb
Phosphorus	31-2	13.04	-6.08	-6.08	0.29	3740.58	ppb
Potassium	39-2	1954.50	1948.10	2170.57	2024.39	6.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	152.34	147.70	203.72	167.92	18.51	ppb
Selenium	78-2	247.06	226.36	233.64	235.68	4.46	ppb
Selenium	82-1	210.80	214.06	208.58	211.15	1.31	ppb
Silicon	28-1	-7.10	-5.75	-6.90	-6.58		ppb
Silver	109-1	110.10	110.00	110.21	110.10	0.09	ppb
Silver	107-1	109.01	109.59	109.06	109.22	0.29	ppb
Sodium	23-2	1965.37	1980.89	2115.28	2020.52	4.08	ppb
Strontium	86-1	2.30	2.22	2.19	2.24	2.52	ppb
Strontium	88-1	2.35	2.37	2.33	2.35	0.88	ppb
Sulfur	34-1	-951.70	-481.68	-821.50	-751.62		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	208.63	212.17	209.84	210.21	0.86	ppb
Thallium	205-1	206.01	212.04	206.85	208.30	1.57	ppb
Tin	118-1	0.03	0.01	0.00	0.01	146.50	ppb
Titanium	47-1	0.05	0.05	0.11	0.07	49.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	99.26	99.56	109.14	102.65	5.47	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	205.62	202.21	223.51	210.44	5.44	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:17:33	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	6.73	ppb
Zirconium	91-1	0.12	0.10	0.11	0.11	7.33	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.13	18.95	18.23	18.77	2.53	ppb
Antimony	121-1	2.43	2.38	2.31	2.37	2.51	ppb
Arsenic	75-1	0.92	1.00	1.03	0.98	5.68	ppb
Barium	135-1	9.84	9.81	9.99	9.88	0.94	ppb
Barium	137-1	9.77	9.75	10.00	9.84	1.44	ppb
Beryllium	9-1	1.17	1.07	1.10	1.11	4.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	25.69	25.98	27.38	26.35	3.43	ppb
Boron	10-1	27.43	25.56	29.66	27.55	7.45	ppb
Cadmium	106-1	0.66	-0.12	0.18	0.24	161.76	ppb
Cadmium	108-1	1.16	1.52	1.02	1.23	20.92	ppb
Cadmium	111-1	0.95	0.86	1.02	0.94	8.43	ppb
Calcium	43-1	463.59	470.01	451.43	461.67	2.04	ppb
Calcium	44-1	471.37	471.84	461.66	468.29	1.23	ppb
Chromium	52-2	1.91	2.28	2.20	2.13	9.10	ppb
Cobalt	59-2	0.99	0.99	0.93	0.97	3.39	ppb
Copper	63-2	1.92	1.89	1.87	1.89	1.19	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	48.51	49.00	47.37	48.30	1.73	ppb
Iron	57-2	44.94	50.58	48.27	47.93	5.91	ppb
Krypton	83-1	-6568.96	-8545.73	1403.55	-4570.38		ppb
Lead	207-1	1.01	0.98	0.98	0.99	1.94	ppb
Lead	208-1	1.05	1.00	1.01	1.02	2.97	ppb
Lead	206-1	1.04	1.03	1.04	1.04	0.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	467.18	493.44	457.48	472.70	3.94	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.91	1.03	0.94	8.69	ppb
Molybdenum	94-1	4.83	4.68	4.59	4.70	2.66	ppb
Molybdenum	95-1	4.68	5.07	4.73	4.83	4.37	ppb
Molybdenum	96-1	4.80	4.72	4.72	4.75	0.96	ppb
Molybdenum	97-1	4.84	4.94	4.86	4.88	1.04	ppb
Molybdenum	98-1	4.85	4.87	4.81	4.84	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.23	1.09	1.19	6.98	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	460.68	435.22	446.58	447.49	2.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	8.33	6.11	6.15	6.86	18.51	ppb
Selenium	82-1	5.50	5.87	4.70	5.36	11.17	ppb
Silicon	28-1	10.06	8.96	8.07	9.03	11.01	ppb
Silver	109-1	1.09	1.08	1.03	1.06	2.88	ppb
Silver	107-1	1.09	1.16	1.05	1.10	4.97	ppb
Sodium	23-2	498.40	482.50	480.75	487.22	2.00	ppb
Strontium	86-1	0.94	1.03	0.86	0.94	9.01	ppb
Strontium	88-1	0.98	1.00	1.02	1.00	2.06	ppb
Sulfur	34-1	-508.70	-555.19	-758.13	-607.34		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	1.03	0.97	0.98	0.99	3.16	ppb
Thallium	205-1	1.03	1.01	1.01	1.02	0.99	ppb
Tin	118-1	5.19	5.09	5.04	5.11	1.55	ppb
Titanium	47-1	4.99	4.92	4.41	4.77	6.67	ppb
Uranium	238-1	0.96	0.92	0.92	0.93	2.33	ppb
Vanadium	51-2	4.65	4.63	4.48	4.58	2.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.07	2.21	1.84	2.04	9.05	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.95	0.93	0.93	1.99	ppb
Zirconium	91-1	1.02	0.82	0.93	0.92	10.50	ppb

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:25:03 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.06	-0.08	-0.06		ppb
Antimony	121-1	0.10	0.12	0.11	0.11	10.15	ppb
Arsenic	75-1	0.00	0.01	0.02	0.01	77.02	ppb
Barium	135-1	0.00	0.00	0.01	0.00	221.95	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.03	0.05	0.06	60.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	3.87	3.89	3.22	3.66	10.29	ppb
Boron	10-1	3.19	2.71	3.99	3.30	19.61	ppb
Cadmium	106-1	-0.75	-0.92	-0.77	-0.81		ppb
Cadmium	108-1	0.04	-0.04	0.01	0.00	776.53	ppb
Cadmium	111-1	-0.06	-0.06	-0.05	-0.06		ppb
Calcium	43-1	-1.50	-4.16	-2.15	-2.60		ppb
Calcium	44-1	-5.64	-4.69	-6.11	-5.48		ppb
Chromium	52-2	0.06	-0.02	0.00	0.02	252.25	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	-0.02	-0.02	-0.06	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	-0.16	0.38	0.08	0.10	265.07	ppb
Iron	57-2	2.68	1.21	0.83	1.57	61.96	ppb
Krypton	83-1	-2345.84	-4034.62	4541.33	-613.04		ppb
Lead	207-1	0.02	0.01	0.02	0.01	31.41	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.35	ppb
Lead	206-1	0.01	0.02	0.02	0.02	38.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.23	1.40	-1.15	0.16	816.61	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:25:03	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	-0.02	0.06	0.04	130.51	ppb
Molybdenum	94-1	0.00	0.06	0.01	0.02	133.02	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	13.76	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	-0.02	0.00		ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	87.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.09	0.05	0.04	149.04	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	-9.98	9.81	-1.14	-0.44		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	1.20	-0.23	0.48	147.91	ppb
Selenium	82-1	0.29	0.06	-0.37	-0.01		ppb
Silicon	28-1	-7.48	-7.71	7.08	-2.70		ppb
Silver	109-1	0.01	0.00	0.01	0.00	76.81	ppb
Silver	107-1	0.00	0.00	0.00	0.00	425.73	ppb
Sodium	23-2	20.32	16.94	19.03	18.76	9.10	ppb
Strontium	86-1	0.03	-0.03	0.01	0.00	1952.20	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-534.81	-436.20	-624.55	-531.85		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.04	0.04	0.03	22.02	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.94	ppb
Tin	118-1	-0.01	0.02	0.00	0.00	370.35	ppb
Titanium	47-1	0.10	0.10	0.07	0.09	16.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	55.02	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.19	0.06	-0.07	0.06	221.43	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:25:03	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	71.22	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	150.53	ppb

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:28:27 DataFile Name : 017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95830.30	89262.43	88766.95	91286.56	4.32	ppb
Antimony	121-1	1.19	1.24	1.22	1.22	1.74	ppb
Arsenic	75-1	1.37	1.35	1.58	1.43	8.76	ppb
Barium	135-1	1.58	1.60	1.37	1.52	8.27	ppb
Barium	137-1	1.57	1.53	1.62	1.57	2.87	ppb
Beryllium	9-1	0.32	0.27	0.29	0.29	7.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	11-1	4.55	4.74	4.67	4.65	2.03	ppb
Boron	10-1	5.41	4.99	4.91	5.10	5.24	ppb
Cadmium	106-1	-1.29	-1.06	-1.16	-1.17		ppb
Cadmium	108-1	8.65	7.96	8.81	8.47	5.33	ppb
Cadmium	111-1	0.22	0.25	0.21	0.23	9.89	ppb
Calcium	43-1	104859.13	101634.02	102145.20	102879.45	1.68	ppb
Calcium	44-1	102623.22	99827.09	100377.27	100942.53	1.47	ppb
Chromium	52-2	25.79	23.51	24.27	24.52	4.73	ppb
Cobalt	59-2	1.44	1.30	1.31	1.35	5.95	ppb
Copper	63-2	8.26	7.95	7.93	8.04	2.31	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				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	106877.76	99704.30	99221.34	101934.47	4.21	ppb
Iron	57-2	108147.70	98512.91	98104.34	101588.32	5.60	ppb
Krypton	83-1	-4284.43	-5568.83	9212.85	-213.47		ppb
Lead	207-1	4.45	4.27	4.41	4.38	2.12	ppb
Lead	208-1	4.67	4.54	4.61	4.61	1.35	ppb
Lead	206-1	5.17	4.95	5.00	5.04	2.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	106857.88	101630.92	100821.98	103103.59	3.18	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:28:27	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.87	7.73	8.13	8.24	7.03	ppb
Molybdenum	94-1	1426.43	1403.78	1415.89	1415.37	0.80	ppb
Molybdenum	95-1	2019.90	1964.78	2000.29	1994.99	1.40	ppb
Molybdenum	96-1	1945.97	1910.10	1935.71	1930.59	0.96	ppb
Molybdenum	97-1	2033.58	1995.65	2014.03	2014.42	0.94	ppb
Molybdenum	98-1	2020.81	2002.49	2013.10	2012.14	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.79	7.67	8.26	8.24	6.79	ppb
Phosphorus	31-2	109374.56	100033.63	98916.85	102775.01	5.59	ppb
Potassium	39-2	106982.36	99841.20	97800.27	101541.27	4.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	0.56	0.55	0.29	156.16	ppb
Selenium	82-1	0.25	0.32	0.22	0.26	19.14	ppb
Silicon	28-1	27.31	23.93	25.23	25.49	6.69	ppb
Silver	109-1	0.06	0.07	0.07	0.07	7.99	ppb
Silver	107-1	0.06	0.06	0.08	0.07	16.84	ppb
Sodium	23-2	106141.22	100488.37	99576.47	102068.69	3.48	ppb
Strontium	86-1	35.00	34.50	34.74	34.75	0.72	ppb
Strontium	88-1	35.33	34.47	35.32	35.04	1.41	ppb
Sulfur	34-1	88981.56	85546.70	85772.07	86766.78	2.21	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.08	0.07	0.07	14.22	ppb
Thallium	205-1	0.08	0.08	0.11	0.09	17.30	ppb
Tin	118-1	0.19	0.18	0.18	0.18	2.53	ppb
Titanium	47-1	2140.41	2069.87	2111.54	2107.27	1.68	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.02	ppb
Vanadium	51-2	0.17	0.12	0.18	0.16	22.27	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	13.11	12.76	12.77	12.88	1.54	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:28:27	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.25	0.22	0.26	16.23	ppb
Zirconium	91-1	0.32	0.28	0.22	0.27	18.73	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83651.22	86934.31	87056.51	85880.68	2.25	ppb
Antimony	121-1	20.17	20.50	20.61	20.43	1.12	ppb
Arsenic	75-1	21.22	20.65	20.89	20.92	1.37	ppb
Barium	135-1	21.42	21.15	21.90	21.49	1.78	ppb
Barium	137-1	21.49	21.49	21.70	21.56	0.56	ppb
Beryllium	9-1	20.88	20.04	20.34	20.42	2.10	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	11-1	617.51	603.93	596.65	606.03	1.75	ppb
Boron	10-1	617.71	614.57	602.18	611.49	1.34	ppb
Cadmium	106-1	16.87	15.37	16.21	16.15	4.66	ppb
Cadmium	108-1	27.52	27.12	26.76	27.13	1.39	ppb
Cadmium	111-1	19.39	19.07	19.68	19.38	1.56	ppb
Calcium	43-1	98862.15	96307.71	97868.73	97679.53	1.32	ppb
Calcium	44-1	97215.57	95291.87	96010.04	96172.49	1.01	ppb
Chromium	52-2	44.99	45.98	45.68	45.55	1.12	ppb
Cobalt	59-2	19.96	21.53	20.97	20.82	3.81	ppb
Copper	63-2	26.48	27.41	27.45	27.11	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	93396.21	97670.62	97294.92	96120.58	2.46	ppb
Iron	57-2	92568.82	95660.00	96502.40	94910.41	2.18	ppb
Krypton	83-1	10942.32	-6388.33	3597.27	2717.08	320.15	ppb
Lead	207-1	22.92	22.95	22.80	22.89	0.34	ppb
Lead	208-1	23.90	23.82	23.77	23.83	0.27	ppb
Lead	206-1	25.27	24.90	25.12	25.10	0.75	ppb
Lithium	6-1				94		%
Magnesium	24-2	94398.33	98769.88	97896.53	97021.58	2.38	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.84	29.28	29.53	28.22	7.30	ppb
Molybdenum	94-1	1676.51	1664.74	1669.96	1670.40	0.35	ppb
Molybdenum	95-1	2407.14	2355.25	2378.63	2380.34	1.09	ppb
Molybdenum	96-1	2301.46	2296.22	2285.85	2294.51	0.35	ppb
Molybdenum	97-1	2401.18	2388.70	2393.67	2394.51	0.26	ppb
Molybdenum	98-1	2373.13	2389.10	2370.11	2377.45	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.56	29.39	29.93	29.29	2.35	ppb
Phosphorus	31-2	91835.71	97675.15	98271.16	95927.34	3.71	ppb
Potassium	39-2	93295.70	97980.98	96392.41	95889.70	2.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	36.12	23.21	4.69	21.34	74.04	ppb
Selenium	78-2	19.65	23.35	18.04	20.34	13.37	ppb
Selenium	82-1	19.33	20.37	19.58	19.76	2.76	ppb
Silicon	28-1	511.84	499.11	500.01	503.65	1.41	ppb
Silver	109-1	18.82	18.64	18.94	18.80	0.80	ppb
Silver	107-1	18.87	18.88	18.96	18.90	0.26	ppb
Sodium	23-2	93117.98	97885.29	97404.11	96135.79	2.73	ppb
Strontium	86-1	33.37	32.49	32.94	32.93	1.34	ppb
Strontium	88-1	33.90	33.29	33.41	33.53	0.96	ppb
Sulfur	34-1	82419.51	80509.99	81356.90	81428.80	1.18	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	19.98	19.64	19.68	19.77	0.92	ppb
Thallium	205-1	20.03	20.09	20.10	20.08	0.19	ppb
Tin	118-1	487.95	486.75	486.84	487.18	0.14	ppb
Titanium	47-1	2495.88	2474.07	2461.26	2477.07	0.71	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.18	ppb
Vanadium	51-2	19.03	19.50	20.19	19.58	2.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	30.48	31.87	32.33	31.56	3.05	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.25	0.23	0.26	11.62	ppb
Zirconium	91-1	0.37	0.25	0.23	0.29	26.28	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51004.66	48927.51	51142.02	50358.06	2.46	ppb
Antimony	121-1	512.12	519.00	520.13	517.08	0.84	ppb
Arsenic	75-1	496.23	489.42	500.23	495.30	1.10	ppb
Barium	135-1	2608.42	2613.80	2610.21	2610.81	0.11	ppb
Barium	137-1	2576.09	2575.57	2616.13	2589.26	0.90	ppb
Beryllium	9-1	532.87	530.00	533.06	531.98	0.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	11-1	527.94	538.42	550.92	539.09	2.13	ppb
Boron	10-1	530.88	539.84	549.78	540.16	1.75	ppb
Cadmium	106-1	500.14	506.14	507.90	504.72	0.81	ppb
Cadmium	108-1	502.68	508.48	505.71	505.62	0.57	ppb
Cadmium	111-1	497.12	498.70	503.07	499.63	0.62	ppb
Calcium	43-1	250156.34	245758.51	249144.43	248353.09	0.93	ppb
Calcium	44-1	249630.80	247402.07	249929.24	248987.37	0.55	ppb
Chromium	52-2	524.03	502.59	529.46	518.69	2.74	ppb
Cobalt	59-2	492.97	473.67	500.70	489.11	2.85	ppb
Copper	63-2	972.71	912.46	967.57	950.91	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	122336.46	117681.46	124168.71	121395.54	2.75	ppb
Iron	57-2	121828.06	117693.51	124047.92	121189.83	2.66	ppb
Krypton	83-1	-7549.13	-20518.31	-3229.74	-10432.39		ppb
Lead	207-1	525.31	525.32	527.44	526.02	0.23	ppb
Lead	208-1	522.85	517.62	523.36	521.27	0.61	ppb
Lead	206-1	526.15	521.77	522.63	523.52	0.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	241317.17	230478.21	245445.12	239080.17	3.23	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.48	965.42	1027.66	1001.85	3.24	ppb
Molybdenum	94-1	2574.01	2545.78	2609.17	2576.32	1.23	ppb
Molybdenum	95-1	2592.71	2530.01	2601.11	2574.61	1.51	ppb
Molybdenum	96-1	2605.99	2530.12	2608.63	2581.58	1.73	ppb
Molybdenum	97-1	2581.07	2519.56	2591.78	2564.13	1.52	ppb
Molybdenum	98-1	2597.63	2515.44	2580.29	2564.45	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.39	480.15	511.07	498.54	3.26	ppb
Phosphorus	31-2	10215.59	10228.02	10480.41	10308.01	1.45	ppb
Potassium	39-2	123326.11	118186.62	124326.93	121946.55	2.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	602.79	470.17	488.69	520.55	13.80	ppb
Selenium	78-2	503.99	514.35	518.50	512.28	1.46	ppb
Selenium	82-1	506.20	495.99	505.69	502.63	1.14	ppb
Silicon	28-1	570.32	559.52	572.36	567.40	1.22	ppb
Silver	109-1	512.98	511.10	511.10	511.73	0.21	ppb
Silver	107-1	511.25	508.85	508.51	509.54	0.29	ppb
Sodium	23-2	243152.80	234490.69	246634.09	241425.86	2.59	ppb
Strontium	86-1	513.27	502.34	513.09	509.56	1.23	ppb
Strontium	88-1	523.49	509.05	523.23	518.59	1.59	ppb
Sulfur	34-1	9917.47	9375.16	9917.47	9736.70	3.22	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	523.96	516.67	526.36	522.33	0.97	ppb
Thallium	205-1	515.66	513.26	518.45	515.79	0.50	ppb
Tin	118-1	517.50	519.35	523.67	520.17	0.61	ppb
Titanium	47-1	2613.77	2573.86	2637.93	2608.52	1.24	ppb
Uranium	238-1	518.02	515.60	521.68	518.43	0.59	ppb
Vanadium	51-2	507.11	488.44	512.95	502.83	2.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	959.51	936.47	975.94	957.31	2.07	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.10	515.60	519.87	517.86	0.41	ppb
Zirconium	91-1	525.96	512.68	531.91	523.52	1.88	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	1.71	1.62	1.54	14.72	ppb
Antimony	121-1	1.09	1.05	0.99	1.04	4.94	ppb
Arsenic	75-1	0.17	0.15	0.12	0.15	18.40	ppb
Barium	135-1	0.10	0.11	0.04	0.08	44.16	ppb
Barium	137-1	0.13	0.07	0.04	0.08	55.71	ppb
Beryllium	9-1	0.25	0.26	0.21	0.24	11.43	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	11-1	19.55	16.94	16.97	17.82	8.41	ppb
Boron	10-1	19.27	17.89	17.78	18.31	4.53	ppb
Cadmium	106-1	-1.00	-0.07	-0.25	-0.44		ppb
Cadmium	108-1	0.01	0.04	0.18	0.08	118.65	ppb
Cadmium	111-1	-0.02	0.02	0.00	0.00	654.36	ppb
Calcium	43-1	1.72	4.18	-0.11	1.93	111.75	ppb
Calcium	44-1	7.83	6.01	0.56	4.80	78.77	ppb
Chromium	52-2	0.10	0.08	0.05	0.08	27.43	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	103.09	ppb
Copper	63-2	0.05	0.10	0.02	0.06	66.77	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				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	6.59	6.21	5.53	6.11	8.80	ppb
Iron	57-2	6.53	6.63	7.93	7.03	11.12	ppb
Krypton	83-1	-4040.59	818.40	-7946.32	-3722.84		ppb
Lead	207-1	0.06	0.06	0.06	0.06	6.02	ppb
Lead	208-1	0.08	0.07	0.07	0.07	9.73	ppb
Lead	206-1	0.07	0.07	0.07	0.07	4.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.16	9.58	7.52	7.42	29.80	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.06	0.05	0.08	50.54	ppb
Molybdenum	94-1	1.05	0.95	0.74	0.91	17.14	ppb
Molybdenum	95-1	1.09	0.97	0.81	0.96	14.94	ppb
Molybdenum	96-1	1.11	0.93	0.81	0.95	15.73	ppb
Molybdenum	97-1	1.25	0.94	0.86	1.01	20.47	ppb
Molybdenum	98-1	1.12	0.91	0.91	0.98	12.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.21	0.26	0.25	14.10	ppb
Phosphorus	31-2	36.41	-6.08	-6.08	8.09	303.35	ppb
Potassium	39-2	21.43	37.95	26.08	28.49	29.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	0.00	4.51	0.00	1.50	173.21	ppb
Selenium	78-2	1.29	0.53	1.29	1.04	42.45	ppb
Selenium	82-1	0.26	-0.01	0.27	0.17	92.28	ppb
Silicon	28-1	-7.18	-7.21	-8.36	-7.58		ppb
Silver	109-1	0.06	0.07	0.04	0.06	22.50	ppb
Silver	107-1	0.07	0.07	0.06	0.07	15.24	ppb
Sodium	23-2	78.92	67.52	62.47	69.64	12.10	ppb
Strontium	86-1	0.01	-0.02	0.02	0.00	713.86	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	37.20	ppb
Sulfur	34-1	-1073.69	-962.53	-1128.34	-1054.85		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.17	0.14	0.16	9.24	ppb
Thallium	205-1	0.18	0.17	0.14	0.17	12.12	ppb
Tin	118-1	0.30	0.28	0.42	0.33	21.68	ppb
Titanium	47-1	0.21	0.22	0.20	0.21	5.22	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	26.78	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.01	189.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.10	0.04	0.03	0.06	68.34	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.10	0.11	5.67	ppb
Zirconium	91-1	0.11	0.13	0.13	0.12	9.05	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:46:19	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.62	23.03	23.77	23.81	3.33	ppb
Antimony	121-1	2.24	2.10	2.38	2.24	6.22	ppb
Arsenic	75-1	1.00	1.10	1.09	1.06	5.22	ppb
Barium	135-1	9.65	9.70	10.32	9.89	3.74	ppb
Barium	137-1	9.96	9.75	10.56	10.09	4.17	ppb
Beryllium	9-1	1.15	1.21	1.21	1.19	3.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	11-1	30.98	30.48	33.89	31.78	5.80	ppb
Boron	10-1	30.02	32.29	32.32	31.54	4.18	ppb
Cadmium	106-1	0.59	0.42	0.86	0.62	35.58	ppb
Cadmium	108-1	0.98	1.26	0.83	1.03	21.39	ppb
Cadmium	111-1	0.95	1.00	0.99	0.98	2.75	ppb
Calcium	43-1	460.46	464.55	501.94	475.65	4.81	ppb
Calcium	44-1	468.44	480.15	509.08	485.89	4.31	ppb
Chromium	52-2	2.26	2.06	2.17	2.16	4.51	ppb
Cobalt	59-2	1.00	0.99	1.05	1.01	3.24	ppb
Copper	63-2	2.05	2.05	1.91	2.01	3.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	52.50	52.88	51.46	52.28	1.41	ppb
Iron	57-2	50.62	47.47	50.86	49.65	3.81	ppb
Krypton	83-1	-5579.17	-8571.47	-5252.19	-6467.61		ppb
Lead	207-1	0.99	1.03	1.01	1.01	1.91	ppb
Lead	208-1	1.02	1.03	1.09	1.05	3.70	ppb
Lead	206-1	1.02	1.00	1.13	1.05	6.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	502.76	521.29	499.45	507.83	2.32	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:46:19	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	1.17	1.18	1.08	16.21	ppb
Molybdenum	94-1	5.42	5.44	5.45	5.44	0.32	ppb
Molybdenum	95-1	5.28	5.26	5.58	5.37	3.28	ppb
Molybdenum	96-1	5.23	5.15	5.36	5.25	2.08	ppb
Molybdenum	97-1	5.14	5.15	5.40	5.23	2.76	ppb
Molybdenum	98-1	5.26	5.16	5.47	5.30	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.30	1.11	1.20	7.80	ppb
Phosphorus	31-2	-6.08	-6.08	15.07	0.97	1253.68	ppb
Potassium	39-2	497.18	479.59	499.25	492.01	2.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	4.48	4.48	0.00	2.99	86.60	ppb
Selenium	78-2	7.36	5.08	1.28	4.58	67.10	ppb
Selenium	82-1	5.21	4.63	6.10	5.31	13.96	ppb
Silicon	28-1	6.12	6.96	11.26	8.12	33.93	ppb
Silver	109-1	1.06	1.07	1.11	1.08	2.06	ppb
Silver	107-1	1.03	0.99	1.13	1.05	6.66	ppb
Sodium	23-2	527.20	531.22	530.85	529.76	0.42	ppb
Strontium	86-1	0.95	0.90	1.04	0.96	7.19	ppb
Strontium	88-1	1.01	1.01	1.07	1.03	3.56	ppb
Sulfur	34-1	-1066.96	-860.01	-236.00	-720.99		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.07	1.08	1.03	1.06	2.14	ppb
Thallium	205-1	1.05	1.02	1.09	1.05	3.22	ppb
Tin	118-1	5.02	4.97	5.33	5.10	3.83	ppb
Titanium	47-1	5.14	4.92	5.39	5.15	4.53	ppb
Uranium	238-1	0.94	0.95	1.02	0.97	4.85	ppb
Vanadium	51-2	4.84	4.93	5.27	5.02	4.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	2.42	2.59	2.72	2.58	5.89	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:46:19	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.16	1.14	1.19	1.17	2.11	ppb
Zirconium	91-1	1.11	1.08	1.28	1.16	9.15	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51531.18	51090.19	51038.04	51219.81	0.53	ppb
Antimony	121-1	503.63	511.18	514.11	509.64	1.06	ppb
Arsenic	75-1	484.11	485.14	488.79	486.02	0.51	ppb
Barium	135-1	2535.17	2590.18	2585.29	2570.21	1.18	ppb
Barium	137-1	2523.33	2554.36	2568.80	2548.83	0.91	ppb
Beryllium	9-1	533.43	526.83	526.98	529.08	0.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	536.31	550.55	558.65	548.50	2.06	ppb
Boron	10-1	533.80	544.82	562.11	546.91	2.61	ppb
Cadmium	106-1	505.49	508.80	505.93	506.74	0.36	ppb
Cadmium	108-1	498.29	509.73	508.79	505.60	1.26	ppb
Cadmium	111-1	486.56	491.07	497.70	491.78	1.14	ppb
Calcium	43-1	245782.91	247083.76	245767.12	246211.26	0.31	ppb
Calcium	44-1	244188.10	246754.27	247065.49	246002.62	0.64	ppb
Chromium	52-2	523.23	522.77	519.25	521.75	0.42	ppb
Cobalt	59-2	495.50	495.44	487.77	492.91	0.90	ppb
Copper	63-2	958.71	953.52	956.45	956.23	0.27	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				109		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	123310.21	123177.81	121234.65	122574.22	0.95	ppb
Iron	57-2	124814.04	124032.56	121504.94	123450.51	1.40	ppb
Krypton	83-1	-10751.19	-3813.61	4523.41	-3347.13		ppb
Lead	207-1	513.95	524.41	520.82	519.72	1.02	ppb
Lead	208-1	511.42	521.10	520.91	517.81	1.07	ppb
Lead	206-1	517.67	522.90	523.00	521.19	0.58	ppb
Lithium	6-1				94		%
Magnesium	24-2	244853.75	243584.20	243022.92	243820.29	0.38	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.96	1019.31	1007.50	1014.26	0.60	ppb
Molybdenum	94-1	2520.24	2571.89	2540.74	2544.29	1.02	ppb
Molybdenum	95-1	2493.92	2557.26	2552.84	2534.67	1.40	ppb
Molybdenum	96-1	2511.95	2552.07	2536.00	2533.34	0.80	ppb
Molybdenum	97-1	2497.33	2559.94	2545.76	2534.35	1.30	ppb
Molybdenum	98-1	2515.53	2564.37	2528.22	2536.04	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.71	499.91	492.72	499.78	1.40	ppb
Phosphorus	31-2	11238.83	10612.10	10341.32	10730.75	4.29	ppb
Potassium	39-2	126851.33	125162.94	122677.02	124897.10	1.68	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	509.85	499.99	511.82	507.22	1.25	ppb
Selenium	78-2	528.81	551.40	467.45	515.89	8.42	ppb
Selenium	82-1	488.73	500.04	495.25	494.67	1.15	ppb
Silicon	28-1	551.17	558.79	563.79	557.91	1.14	ppb
Silver	109-1	500.53	503.97	506.17	503.56	0.56	ppb
Silver	107-1	494.69	503.01	505.95	501.22	1.17	ppb
Sodium	23-2	246811.97	245608.44	243506.65	245309.02	0.68	ppb
Strontium	86-1	503.48	505.78	504.20	504.49	0.23	ppb
Strontium	88-1	505.74	517.64	511.03	511.47	1.17	ppb
Sulfur	34-1	9429.14	9657.21	9548.51	9544.95	1.20	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	514.96	523.23	520.95	519.71	0.82	ppb
Thallium	205-1	513.21	517.61	514.42	515.08	0.44	ppb
Tin	118-1	509.54	520.13	519.17	516.28	1.13	ppb
Titanium	47-1	2544.16	2589.86	2608.54	2580.85	1.28	ppb
Uranium	238-1	513.77	520.62	518.30	517.56	0.67	ppb
Vanadium	51-2	511.47	510.29	504.86	508.87	0.69	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	979.58	971.45	961.83	970.96	0.92	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.78	510.80	507.61	508.39	0.42	ppb
Zirconium	91-1	512.78	522.14	517.25	517.39	0.90	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	0.08	1.18	0.94	81.73	ppb
Antimony	121-1	1.27	1.11	1.11	1.16	7.60	ppb
Arsenic	75-1	0.08	0.08	0.08	0.08	4.38	ppb
Barium	135-1	0.17	0.14	0.08	0.13	34.49	ppb
Barium	137-1	0.18	0.10	0.08	0.12	46.47	ppb
Beryllium	9-1	0.33	0.30	0.27	0.30	10.22	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	11-1	23.48	21.87	19.86	21.73	8.34	ppb
Boron	10-1	22.47	20.99	21.01	21.49	3.94	ppb
Cadmium	106-1	-1.06	-0.59	-1.23	-0.96		ppb
Cadmium	108-1	0.23	0.04	-0.01	0.08	153.39	ppb
Cadmium	111-1	-0.07	0.01	-0.07	-0.04		ppb
Calcium	43-1	11.22	10.25	0.96	7.48	75.78	ppb
Calcium	44-1	9.07	3.23	-0.55	3.92	123.77	ppb
Chromium	52-2	-0.01	0.05	0.04	0.03	105.54	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	24.14	ppb
Copper	63-2	0.03	0.01	0.03	0.03	45.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	6.12	5.77	5.45	5.78	5.81	ppb
Iron	57-2	8.55	3.73	4.01	5.43	49.88	ppb
Krypton	83-1	-5474.51	2127.57	-3816.27	-2387.74		ppb
Lead	207-1	0.14	0.11	0.10	0.11	18.91	ppb
Lead	208-1	0.13	0.12	0.10	0.12	14.27	ppb
Lead	206-1	0.12	0.12	0.10	0.11	11.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.37	7.51	3.98	5.29	36.57	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.00	0.14	0.07	96.02	ppb
Molybdenum	94-1	0.98	0.90	0.77	0.89	11.64	ppb
Molybdenum	95-1	1.14	0.98	0.84	0.98	15.32	ppb
Molybdenum	96-1	1.03	0.87	0.78	0.89	14.13	ppb
Molybdenum	97-1	1.05	1.06	0.87	0.99	10.86	ppb
Molybdenum	98-1	1.13	1.03	0.87	1.01	13.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.14	-0.03	0.06	141.68	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	19.85	41.17	51.92	37.65	43.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	0.00	4.43	0.00	1.48	173.21	ppb
Selenium	78-2	0.52	-0.23	1.25	0.51	145.23	ppb
Selenium	82-1	0.32	0.00	0.29	0.20	88.40	ppb
Silicon	28-1	-7.26	-9.30	-8.88	-8.48		ppb
Silver	109-1	0.07	0.06	0.05	0.06	21.20	ppb
Silver	107-1	0.05	0.06	0.05	0.06	10.61	ppb
Sodium	23-2	71.84	70.11	63.99	68.65	6.01	ppb
Strontium	86-1	0.00	-0.04	-0.05	-0.03		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	39.81	ppb
Sulfur	34-1	-930.11	-1006.02	-921.29	-952.47		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.22	0.22	0.22	5.56	ppb
Thallium	205-1	0.24	0.21	0.21	0.22	7.86	ppb
Tin	118-1	0.35	0.31	0.28	0.31	11.65	ppb
Titanium	47-1	0.29	0.18	0.11	0.19	47.81	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	31.52	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	-0.06	0.32	0.02	0.09	218.86	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.11	0.13	14.78	ppb
Zirconium	91-1	0.11	0.14	0.10	0.12	16.89	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BL	Instrumnet Name :	P8
Client Sample ID :	PB113729BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:21:12	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	-0.20	-0.51	-0.17		ppb
Antimony	121-1	0.06	0.05	0.05	0.05	9.31	ppb
Arsenic	75-1	0.01	0.00	0.00	0.00	366.98	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.01	146.34	ppb
Beryllium	9-1	0.14	0.14	0.11	0.13	14.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	11-1	4.45	4.54	3.72	4.24	10.57	ppb
Boron	10-1	4.22	4.48	4.37	4.36	2.94	ppb
Cadmium	106-1	-1.32	-0.71	-0.76	-0.93		ppb
Cadmium	108-1	0.04	0.04	0.11	0.06	69.20	ppb
Cadmium	111-1	-0.10	-0.06	-0.06	-0.07		ppb
Calcium	43-1	-4.34	-3.99	-1.42	-3.25		ppb
Calcium	44-1	-7.57	-7.40	-7.64	-7.54		ppb
Chromium	52-2	0.04	0.00	0.00	0.01	197.93	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.03	-0.08	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	2.57	2.05	2.30	2.31	11.22	ppb
Iron	57-2	3.15	3.26	2.34	2.92	17.33	ppb
Krypton	83-1	-4909.71	-12213.29	-2394.29	-6505.76		ppb
Lead	207-1	0.03	0.04	0.05	0.04	21.66	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.26	ppb
Lead	206-1	0.04	0.04	0.03	0.04	20.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.92	1.08	3.00	1.67	69.50	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BL	Instrumnet Name :	P8
Client Sample ID :	PB113729BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:21:12	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.06	0.07	0.07	10.86	ppb
Molybdenum	94-1	0.07	0.09	0.07	0.08	14.86	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.03	16.72	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	6.20	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	10.13	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	16.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.14	-0.05	0.05	191.93	ppb
Phosphorus	31-2	-6.08	-6.08	11.93	-0.07		ppb
Potassium	39-2	9.80	-6.00	6.91	3.57	235.72	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	1.13	-0.23	0.22	358.39	ppb
Selenium	82-1	0.16	0.31	-0.21	0.09	313.64	ppb
Silicon	28-1	-9.13	-9.42	12.34	-2.07		ppb
Silver	109-1	0.00	0.01	0.01	0.01	39.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.12	ppb
Sodium	23-2	30.60	25.74	31.91	29.42	11.05	ppb
Strontium	86-1	0.01	-0.02	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2142.85	-2114.40	-2072.55	-2109.93		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.02	0.01	0.02	37.24	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.74	ppb
Tin	118-1	0.02	0.04	0.02	0.03	33.89	ppb
Titanium	47-1	0.01	0.06	0.02	0.03	83.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.08	0.00	0.12	0.07	90.31	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BL	Instrumnet Name :	P8
Client Sample ID :	PB113729BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:21:12	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	13.28	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	23.32	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9604.27	9368.34	9149.62	9374.08	2.43	ppb
Antimony	121-1	518.89	496.60	502.71	506.07	2.28	ppb
Arsenic	75-1	484.48	477.87	479.62	480.66	0.71	ppb
Barium	135-1	2620.37	2478.81	2565.26	2554.81	2.79	ppb
Barium	137-1	2581.06	2466.03	2516.88	2521.32	2.29	ppb
Beryllium	9-1	509.76	506.38	502.39	506.18	0.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	11-1	484.38	499.93	504.17	496.16	2.10	ppb
Boron	10-1	492.55	497.99	508.77	499.77	1.65	ppb
Cadmium	106-1	518.37	492.77	519.27	510.14	2.95	ppb
Cadmium	108-1	516.47	501.82	512.87	510.39	1.50	ppb
Cadmium	111-1	508.26	492.66	500.78	500.56	1.56	ppb
Calcium	43-1	49779.22	49217.63	49475.30	49490.72	0.57	ppb
Calcium	44-1	50153.88	49236.52	49323.52	49571.31	1.02	ppb
Chromium	52-2	503.17	493.99	477.61	491.59	2.63	ppb
Cobalt	59-2	495.22	488.17	473.17	485.52	2.32	ppb
Copper	63-2	1001.94	992.56	960.56	985.02	2.20	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				105		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	25106.27	24481.84	23654.70	24414.27	2.98	ppb
Iron	57-2	24601.15	24079.24	23458.48	24046.29	2.38	ppb
Krypton	83-1	-3294.55	-1157.18	4819.90	122.72	3427.13	ppb
Lead	207-1	511.09	500.95	495.83	502.63	1.55	ppb
Lead	208-1	504.91	495.12	493.42	497.81	1.25	ppb
Lead	206-1	506.34	498.85	498.74	501.31	0.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	51591.37	51095.33	49485.66	50724.12	2.17	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.44	986.67	963.53	988.55	2.63	ppb
Molybdenum	94-1	2518.37	2461.41	2458.04	2479.27	1.37	ppb
Molybdenum	95-1	2523.97	2472.85	2481.15	2492.66	1.10	ppb
Molybdenum	96-1	2518.74	2466.31	2492.47	2492.51	1.05	ppb
Molybdenum	97-1	2527.08	2462.29	2479.65	2489.67	1.35	ppb
Molybdenum	98-1	2513.24	2460.42	2485.32	2486.33	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.30	486.65	474.52	487.16	2.65	ppb
Phosphorus	31-2	10824.33	10616.20	9873.77	10438.10	4.79	ppb
Potassium	39-2	24529.59	24384.98	23355.99	24090.19	2.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	487.36	509.03	422.93	473.11	9.47	ppb
Selenium	78-2	505.01	493.22	528.19	508.80	3.50	ppb
Selenium	82-1	506.46	491.18	492.91	496.85	1.68	ppb
Silicon	28-1	500.01	494.96	492.79	495.92	0.75	ppb
Silver	109-1	524.77	511.24	517.72	517.91	1.31	ppb
Silver	107-1	526.54	498.81	513.07	512.81	2.70	ppb
Sodium	23-2	50483.94	49766.48	48544.48	49598.30	1.98	ppb
Strontium	86-1	500.95	488.25	493.41	494.20	1.29	ppb
Strontium	88-1	505.21	492.36	499.17	498.91	1.29	ppb
Sulfur	34-1	9562.11	8957.42	9111.66	9210.40	3.41	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	507.31	502.97	493.72	501.33	1.38	ppb
Thallium	205-1	501.58	491.37	488.90	493.95	1.36	ppb
Tin	118-1	521.09	503.91	513.18	512.73	1.68	ppb
Titanium	47-1	2532.27	2523.89	2504.46	2520.21	0.57	ppb
Uranium	238-1	490.08	478.59	479.61	482.76	1.32	ppb
Vanadium	51-2	502.29	493.81	478.97	491.69	2.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	996.51	988.87	956.90	980.76	2.14	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.92	491.90	494.52	497.11	1.38	ppb
Zirconium	91-1	509.52	494.47	507.15	503.71	1.61	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.28	10.40	10.70	10.79	4.17	ppb
Antimony	121-1	0.83	0.77	0.74	0.78	6.24	ppb
Arsenic	75-1	4.60	4.88	5.29	4.92	7.03	ppb
Barium	135-1	1.75	1.55	1.60	1.63	6.28	ppb
Barium	137-1	1.63	1.62	1.56	1.60	2.38	ppb
Beryllium	9-1	0.19	0.28	0.22	0.23	19.37	ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	11-1	57.07	56.72	56.97	56.92	0.32	ppb
Boron	10-1	57.70	55.55	55.09	56.11	2.48	ppb
Cadmium	106-1	-1.69	-1.53	-1.19	-1.47		ppb
Cadmium	108-1	0.07	0.07	0.03	0.06	43.46	ppb
Cadmium	111-1	-0.07	-0.04	0.00	-0.04		ppb
Calcium	43-1	1823.79	1794.54	1786.98	1801.77	1.08	ppb
Calcium	44-1	1823.79	1818.77	1804.69	1815.75	0.55	ppb
Chromium	52-2	0.37	0.37	0.34	0.36	4.06	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	34.18	ppb
Copper	63-2	153.29	150.15	154.78	152.74	1.55	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				119		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	7.16	6.30	5.97	6.48	9.51	ppb
Iron	57-2	5.85	6.87	7.83	6.85	14.50	ppb
Krypton	83-1	-21759.11	-3704.16	-17667.20	-14376.83		ppb
Lead	207-1	0.54	0.51	0.48	0.51	5.24	ppb
Lead	208-1	0.55	0.53	0.48	0.52	7.47	ppb
Lead	206-1	0.59	0.57	0.47	0.54	12.27	ppb
Lithium	6-1				105		%
Magnesium	24-2	850.84	813.99	829.83	831.56	2.22	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.66	0.49	0.63	0.59	15.41	ppb
Molybdenum	94-1	2.30	2.12	2.30	2.24	4.69	ppb
Molybdenum	95-1	3.10	3.00	2.99	3.03	2.02	ppb
Molybdenum	96-1	3.06	2.90	2.77	2.91	4.89	ppb
Molybdenum	97-1	3.16	2.78	3.15	3.03	7.11	ppb
Molybdenum	98-1	3.13	2.97	2.94	3.01	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.49	0.64	0.60	16.11	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	1911.10	1805.89	1913.39	1876.79	3.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	0.50	1.23	0.50	146.50	ppb
Selenium	82-1	0.48	-0.18	0.32	0.21	168.14	ppb
Silicon	28-1	11887.00	11801.57	11723.77	11804.11	0.69	ppb
Silver	109-1	0.17	0.20	0.23	0.20	15.00	ppb
Silver	107-1	0.19	0.23	0.22	0.22	8.61	ppb
Sodium	23-2	106199.22	104730.44	107374.90	106101.52	1.25	ppb
Strontium	86-1	9.68	9.52	9.51	9.57	0.98	ppb
Strontium	88-1	9.72	9.63	9.58	9.64	0.71	ppb
Sulfur	34-1	6903.38	6710.54	6587.85	6733.92	2.36	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	0.42	0.49	0.47	0.46	8.14	ppb
Thallium	205-1	0.44	0.46	0.49	0.46	4.69	ppb
Tin	118-1	0.35	0.31	0.34	0.34	5.46	ppb
Titanium	47-1	0.70	0.64	0.61	0.65	7.27	ppb
Uranium	238-1	0.20	0.18	0.19	0.19	6.64	ppb
Vanadium	51-2	0.06	0.04	0.01	0.04	69.92	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	19.34	20.58	19.80	19.91	3.15	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.09	0.10	12.32	ppb
Zirconium	91-1	0.10	0.08	0.11	0.10	16.01	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01DUP	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELDI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:31:10	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.81	12.98	8.68	10.83	19.83	ppb
Antimony	121-1	0.30	0.33	0.31	0.31	4.87	ppb
Arsenic	75-1	6.60	7.17	7.48	7.08	6.32	ppb
Barium	135-1	1.44	1.45	1.62	1.50	7.03	ppb
Barium	137-1	1.50	1.48	1.49	1.49	0.82	ppb
Beryllium	9-1	0.16	0.18	0.14	0.16	13.69	ppb
Bismuth	209-1				121		%
Bismuth	209-2				113		%
Boron	11-1	47.58	47.48	48.92	47.99	1.68	ppb
Boron	10-1	45.90	49.69	51.09	48.90	5.49	ppb
Cadmium	106-1	-1.62	-1.66	-2.19	-1.82		ppb
Cadmium	108-1	0.12	0.03	0.07	0.07	61.99	ppb
Cadmium	111-1	-0.09	-0.07	-0.13	-0.10		ppb
Calcium	43-1	1837.34	1760.89	1760.37	1786.20	2.48	ppb
Calcium	44-1	1799.73	1796.61	1795.03	1797.13	0.13	ppb
Chromium	52-2	0.29	0.33	0.28	0.30	7.91	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.54	ppb
Copper	63-2	152.01	153.69	149.53	151.74	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	5.26	6.34	5.26	5.62	11.07	ppb
Iron	57-2	5.22	3.55	3.81	4.19	21.50	ppb
Krypton	83-1	-4407.27	-15992.41	-21648.46	-14016.05		ppb
Lead	207-1	0.41	0.40	0.39	0.40	2.94	ppb
Lead	208-1	0.42	0.40	0.41	0.41	2.28	ppb
Lead	206-1	0.44	0.42	0.42	0.43	3.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	797.57	851.65	805.87	818.36	3.56	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01DUP	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELDI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:31:10	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.61	0.50	0.55	9.72	ppb
Molybdenum	94-1	1.77	1.81	1.92	1.83	4.42	ppb
Molybdenum	95-1	2.44	2.25	2.29	2.33	4.24	ppb
Molybdenum	96-1	2.41	2.28	2.30	2.33	3.01	ppb
Molybdenum	97-1	2.44	2.45	2.38	2.42	1.63	ppb
Molybdenum	98-1	2.54	2.37	2.41	2.44	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.75	0.67	0.72	6.33	ppb
Phosphorus	31-2	13.63	-6.08	-6.08	0.49	2313.45	ppb
Potassium	39-2	1829.40	1895.93	1852.14	1859.16	1.82	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	1.20	-0.23	0.48	149.91	ppb
Selenium	82-1	-0.09	0.27	0.45	0.21	129.88	ppb
Silicon	28-1	11673.36	11679.74	11620.96	11658.02	0.28	ppb
Silver	109-1	0.22	0.23	0.24	0.23	4.68	ppb
Silver	107-1	0.23	0.24	0.24	0.23	2.52	ppb
Sodium	23-2	104026.06	104562.94	102996.78	103861.93	0.77	ppb
Strontium	86-1	9.76	9.72	9.38	9.62	2.16	ppb
Strontium	88-1	9.75	9.72	9.57	9.68	0.97	ppb
Sulfur	34-1	6094.03	6299.08	6130.76	6174.63	1.77	ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	0.17	0.20	0.18	0.18	7.48	ppb
Thallium	205-1	0.17	0.19	0.21	0.19	12.80	ppb
Tin	118-1	0.20	0.18	0.19	0.19	6.84	ppb
Titanium	47-1	0.58	0.42	0.57	0.52	16.57	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	1.47	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	20.94	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	18.93	19.51	19.98	19.47	2.70	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01DUP	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELDI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:31:10	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.05	0.06	0.06	17.29	ppb
Zirconium	91-1	0.09	0.06	0.06	0.07	27.50	ppb

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01LX5 Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-11 15:34:32 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	1.58	3.93	3.31	45.93	ppb
Antimony	121-1	0.19	0.22	0.24	0.22	12.05	ppb
Arsenic	75-1	2.34	2.43	2.42	2.40	1.84	ppb
Barium	135-1	0.28	0.35	0.26	0.30	15.37	ppb
Barium	137-1	0.31	0.29	0.28	0.30	5.20	ppb
Beryllium	9-1	0.10	0.12	0.08	0.10	20.66	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	11-1	16.15	15.58	15.83	15.85	1.79	ppb
Boron	10-1	16.65	15.39	17.15	16.39	5.53	ppb
Cadmium	106-1	-0.88	-1.81	-2.07	-1.59		ppb
Cadmium	108-1	-0.04	-0.01	-0.01	-0.02		ppb
Cadmium	111-1	-0.06	-0.11	-0.12	-0.10		ppb
Calcium	43-1	365.45	377.32	356.06	366.27	2.91	ppb
Calcium	44-1	364.83	371.05	370.52	368.80	0.94	ppb
Chromium	52-2	0.03	0.15	0.13	0.10	65.03	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	31.68	30.25	31.51	31.14	2.51	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				108		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	3.44	3.34	3.15	3.31	4.53	ppb
Iron	57-2	3.06	3.29	2.60	2.99	11.86	ppb
Krypton	83-1	4624.22	-8954.64	-1452.98	-1927.80		ppb
Lead	207-1	0.10	0.11	0.10	0.10	4.96	ppb
Lead	208-1	0.10	0.11	0.12	0.11	5.82	ppb
Lead	206-1	0.10	0.11	0.12	0.11	6.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	167.49	175.51	168.80	170.60	2.52	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01LX5	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-11 15:34:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.29	0.08	0.17	0.18	56.77	ppb
Molybdenum	94-1	0.50	0.44	0.44	0.46	7.24	ppb
Molybdenum	95-1	0.62	0.65	0.58	0.62	5.93	ppb
Molybdenum	96-1	0.54	0.62	0.55	0.57	7.88	ppb
Molybdenum	97-1	0.61	0.49	0.54	0.54	11.19	ppb
Molybdenum	98-1	0.61	0.55	0.57	0.58	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.04	0.25	0.17	65.10	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	378.24	370.75	390.55	379.84	2.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.26	-0.23	1.27	0.77	113.04	ppb
Selenium	82-1	-0.34	0.41	-0.05	0.01	4382.04	ppb
Silicon	28-1	2354.91	2383.78	2401.56	2380.08	0.99	ppb
Silver	109-1	0.08	0.10	0.10	0.10	11.92	ppb
Silver	107-1	0.09	0.12	0.11	0.10	14.90	ppb
Sodium	23-2	22306.18	21166.17	21669.50	21713.95	2.63	ppb
Strontium	86-1	1.91	1.90	1.95	1.92	1.53	ppb
Strontium	88-1	1.97	2.02	1.98	1.99	1.24	ppb
Sulfur	34-1	-1166.96	-921.77	-974.21	-1020.98		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.08	0.05	0.06	26.63	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	0.41	ppb
Tin	118-1	0.07	0.05	0.03	0.05	37.08	ppb
Titanium	47-1	0.16	0.15	0.21	0.17	19.41	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.30	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	105.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	4.37	3.96	4.31	4.22	5.26	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01LX5	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-11 15:34:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.03	11.98	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	28.28	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MS	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:37:55	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1779.05	1871.20	1889.87	1846.70	3.21	ppb
Antimony	121-1	713.18	732.09	716.16	720.48	1.41	ppb
Arsenic	75-1	786.19	807.36	809.84	801.13	1.62	ppb
Barium	135-1	205.98	209.64	205.89	207.17	1.03	ppb
Barium	137-1	206.00	210.77	209.71	208.83	1.20	ppb
Beryllium	9-1	205.00	203.91	204.66	204.52	0.27	ppb
Bismuth	209-1				122		%
Bismuth	209-2				113		%
Boron	11-1	340.29	342.56	347.70	343.52	1.10	ppb
Boron	10-1	343.49	346.00	350.33	346.61	1.00	ppb
Cadmium	106-1	175.74	176.42	171.34	174.50	1.58	ppb
Cadmium	108-1	186.81	187.80	187.91	187.51	0.32	ppb
Cadmium	111-1	199.57	204.29	201.74	201.86	1.17	ppb
Calcium	43-1	2790.53	2852.19	2770.35	2804.36	1.52	ppb
Calcium	44-1	2767.90	2819.68	2780.76	2789.45	0.97	ppb
Chromium	52-2	397.45	392.46	398.23	396.04	0.79	ppb
Cobalt	59-2	202.23	199.19	204.71	202.04	1.37	ppb
Copper	63-2	459.73	456.10	466.23	460.69	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	3071.77	3032.80	3077.60	3060.72	0.80	ppb
Iron	57-2	2910.84	2931.50	2892.09	2911.48	0.68	ppb
Krypton	83-1	-16442.40	-6339.03	-8635.40	-10472.28		ppb
Lead	207-1	976.75	991.89	1002.59	990.41	1.31	ppb
Lead	208-1	986.80	1006.89	1005.95	999.88	1.13	ppb
Lead	206-1	991.93	1013.89	1014.64	1006.82	1.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	2800.59	2717.49	2760.40	2759.49	1.51	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MS	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:37:55	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.45	194.73	198.72	198.30	1.70	ppb
Molybdenum	94-1	273.57	275.15	277.34	275.35	0.69	ppb
Molybdenum	95-1	396.31	400.87	400.49	399.22	0.63	ppb
Molybdenum	96-1	385.13	392.72	384.83	387.56	1.15	ppb
Molybdenum	97-1	385.84	391.78	391.93	389.85	0.89	ppb
Molybdenum	98-1	394.28	402.16	402.21	399.55	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.65	503.32	516.20	509.39	1.27	ppb
Phosphorus	31-2	6217.65	6158.14	6119.72	6165.17	0.80	ppb
Potassium	39-2	11503.64	11348.18	11551.26	11467.69	0.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	1957.41	2036.14	1975.46	1989.67	2.07	ppb
Selenium	78-2	2028.55	2066.46	2001.25	2032.09	1.61	ppb
Selenium	82-1	2014.64	2043.72	2047.64	2035.33	0.89	ppb
Silicon	28-1	12453.31	12682.07	12501.63	12545.67	0.96	ppb
Silver	109-1	75.65	77.02	76.52	76.39	0.91	ppb
Silver	107-1	75.01	76.91	75.70	75.87	1.27	ppb
Sodium	23-2	105139.62	103939.63	105474.60	104851.28	0.77	ppb
Strontium	86-1	201.96	204.20	204.00	203.39	0.61	ppb
Strontium	88-1	207.74	209.09	211.98	209.61	1.03	ppb
Sulfur	34-1	5800.10	6035.82	5748.18	5861.37	2.62	ppb
Terbium	159-1				120		%
Terbium	159-2				116		%
Thallium	203-1	1926.94	1976.73	2007.31	1970.33	2.06	ppb
Thallium	205-1	1940.19	1993.21	2014.09	1982.50	1.92	ppb
Tin	118-1	692.14	707.58	698.70	699.47	1.11	ppb
Titanium	47-1	199.40	201.61	200.74	200.58	0.56	ppb
Uranium	238-1	0.15	0.14	0.17	0.15	8.97	ppb
Vanadium	51-2	297.62	293.30	300.51	297.14	1.22	ppb
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	218.43	218.20	221.05	219.23	0.72	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MS	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:37:55	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.76	0.56	0.47	0.60	24.50	ppb
Zirconium	91-1	0.94	0.81	0.78	0.84	9.88	ppb

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01MSD Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELM Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:41:13 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1783.65	1850.06	1829.25	1820.99	1.87	ppb
Antimony	121-1	730.23	710.62	727.31	722.72	1.46	ppb
Arsenic	75-1	807.77	803.32	805.57	805.55	0.28	ppb
Barium	135-1	208.35	204.95	209.22	207.51	1.09	ppb
Barium	137-1	207.27	206.43	211.29	208.33	1.25	ppb
Beryllium	9-1	204.90	200.19	200.47	201.85	1.31	ppb
Bismuth	209-1				123		%
Bismuth	209-2				115		%
Boron	11-1	351.00	348.84	357.82	352.55	1.33	ppb
Boron	10-1	358.01	357.94	366.85	360.94	1.42	ppb
Cadmium	106-1	174.18	178.89	174.15	175.74	1.55	ppb
Cadmium	108-1	186.39	184.89	187.70	186.32	0.75	ppb
Cadmium	111-1	201.31	201.15	203.06	201.84	0.52	ppb
Calcium	43-1	2844.46	2750.87	2800.04	2798.46	1.67	ppb
Calcium	44-1	2773.98	2788.27	2799.48	2787.24	0.46	ppb
Chromium	52-2	391.47	400.73	403.05	398.42	1.54	ppb
Cobalt	59-2	200.75	204.46	204.12	203.11	1.01	ppb
Copper	63-2	453.64	466.93	468.17	462.91	1.74	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				117		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	3032.86	3098.90	3073.64	3068.47	1.09	ppb
Iron	57-2	2903.80	2986.01	2983.97	2957.93	1.58	ppb
Krypton	83-1	-2954.32	-18164.78	-3978.09	-8365.73		ppb
Lead	207-1	984.78	981.68	987.23	984.56	0.28	ppb
Lead	208-1	1000.66	992.52	999.02	997.40	0.43	ppb
Lead	206-1	1009.73	993.71	1008.70	1004.05	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	2751.27	2816.55	2815.53	2794.45	1.34	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MSD	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:41:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	196.15	199.07	198.69	197.97	0.80	ppb
Molybdenum	94-1	276.70	271.99	277.22	275.30	1.05	ppb
Molybdenum	95-1	403.99	398.46	402.26	401.57	0.70	ppb
Molybdenum	96-1	388.02	380.74	390.37	386.38	1.30	ppb
Molybdenum	97-1	389.28	390.22	394.54	391.35	0.72	ppb
Molybdenum	98-1	399.43	401.08	401.01	400.51	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.16	515.79	517.75	512.23	1.55	ppb
Phosphorus	31-2	5780.62	5950.80	5866.54	5865.99	1.45	ppb
Potassium	39-2	11246.50	11664.29	11522.79	11477.86	1.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	1887.83	1928.15	2117.57	1977.85	6.20	ppb
Selenium	78-2	2091.41	1986.76	2099.42	2059.20	3.05	ppb
Selenium	82-1	2030.42	2024.76	2047.91	2034.36	0.59	ppb
Silicon	28-1	12476.95	12499.02	12649.82	12541.93	0.75	ppb
Silver	109-1	76.28	75.21	76.68	76.06	0.99	ppb
Silver	107-1	76.37	75.15	76.17	75.90	0.87	ppb
Sodium	23-2	103652.88	105431.33	105486.70	104856.97	0.99	ppb
Strontium	86-1	203.59	203.27	206.59	204.48	0.90	ppb
Strontium	88-1	208.59	209.57	210.76	209.64	0.52	ppb
Sulfur	34-1	5648.43	5635.83	5793.71	5692.66	1.54	ppb
Terbium	159-1				121		%
Terbium	159-2				116		%
Thallium	203-1	1978.15	1939.09	1974.83	1964.02	1.10	ppb
Thallium	205-1	1990.39	1943.41	1990.09	1974.63	1.37	ppb
Tin	118-1	701.75	691.32	707.87	700.31	1.20	ppb
Titanium	47-1	202.85	201.32	202.33	202.17	0.38	ppb
Uranium	238-1	0.16	0.15	0.16	0.16	2.03	ppb
Vanadium	51-2	294.57	301.71	302.60	299.62	1.47	ppb
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	214.20	226.96	221.75	220.97	2.90	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MSD	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:41:13	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.24	0.21	0.23	10.40	ppb
Zirconium	91-1	0.41	0.45	0.36	0.41	10.64	ppb

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01A Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELA Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:44:30 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1862.90	1874.21	1810.53	1849.21	1.84	ppb
Antimony	121-1	721.72	727.72	716.11	721.85	0.80	ppb
Arsenic	75-1	794.74	803.74	792.13	796.87	0.76	ppb
Barium	135-1	208.83	208.37	209.07	208.75	0.17	ppb
Barium	137-1	207.70	211.18	209.84	209.57	0.84	ppb
Beryllium	9-1	200.94	198.29	201.02	200.08	0.78	ppb
Bismuth	209-1				126		%
Bismuth	209-2				115		%
Boron	11-1	351.36	355.96	362.89	356.74	1.63	ppb
Boron	10-1	341.79	357.10	367.36	355.42	3.62	ppb
Cadmium	106-1	168.98	174.96	174.99	172.97	2.00	ppb
Cadmium	108-1	183.42	187.19	183.58	184.73	1.16	ppb
Cadmium	111-1	201.70	202.65	202.51	202.29	0.25	ppb
Calcium	43-1	2755.08	2831.51	2723.55	2770.05	2.00	ppb
Calcium	44-1	2740.47	2796.95	2743.88	2760.43	1.15	ppb
Chromium	52-2	408.10	404.01	396.54	402.88	1.46	ppb
Cobalt	59-2	208.00	205.98	202.77	205.58	1.28	ppb
Copper	63-2	472.56	465.75	460.92	466.41	1.25	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				124		%
Holmium	165-2				117		%
Indium	115-1				113		%
Indium	115-2				103		%
Iron	56-2	3135.19	3084.04	3050.12	3089.78	1.39	ppb
Iron	57-2	3009.11	3006.99	2997.36	3004.49	0.21	ppb
Krypton	83-1	-6463.13	-12881.07	-20129.22	-13157.81		ppb
Lead	207-1	983.64	984.82	971.96	980.14	0.73	ppb
Lead	208-1	998.85	995.84	988.58	994.42	0.53	ppb
Lead	206-1	1001.53	997.35	994.62	997.83	0.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	2785.23	2796.53	2784.61	2788.79	0.24	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01A	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:44:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.30	202.46	197.86	200.54	1.19	ppb
Molybdenum	94-1	274.21	276.83	271.05	274.03	1.06	ppb
Molybdenum	95-1	402.69	399.56	400.66	400.97	0.40	ppb
Molybdenum	96-1	387.56	391.89	385.37	388.28	0.86	ppb
Molybdenum	97-1	388.08	397.23	389.99	391.77	1.23	ppb
Molybdenum	98-1	398.19	404.98	391.34	398.17	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.11	517.81	508.79	516.24	1.32	ppb
Phosphorus	31-2	6192.46	5917.43	6422.47	6177.45	4.09	ppb
Potassium	39-2	11931.18	11511.09	11585.01	11675.76	1.92	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	1736.76	2041.59	1904.75	1894.37	8.06	ppb
Selenium	78-2	2076.44	2065.71	2036.76	2059.64	1.00	ppb
Selenium	82-1	2030.38	2046.98	2009.11	2028.83	0.94	ppb
Silicon	28-1	12470.39	12478.00	12296.18	12414.86	0.83	ppb
Silver	109-1	76.03	76.33	76.28	76.21	0.21	ppb
Silver	107-1	75.50	76.24	75.88	75.87	0.48	ppb
Sodium	23-2	107536.58	105095.53	103751.70	105461.27	1.82	ppb
Strontium	86-1	203.57	204.36	202.77	203.56	0.39	ppb
Strontium	88-1	210.43	211.51	207.40	209.78	1.02	ppb
Sulfur	34-1	5466.02	5414.25	5135.73	5338.67	3.33	ppb
Terbium	159-1				122		%
Terbium	159-2				118		%
Thallium	203-1	1955.83	1956.86	1966.28	1959.66	0.29	ppb
Thallium	205-1	1963.32	1960.61	1956.48	1960.14	0.18	ppb
Tin	118-1	704.29	707.57	702.37	704.74	0.37	ppb
Titanium	47-1	199.36	202.39	198.80	200.18	0.96	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	2.50	ppb
Vanadium	51-2	307.94	300.72	300.18	302.95	1.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	227.94	223.75	225.73	225.81	0.93	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01A	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:44:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.15	0.13	0.14	6.77	ppb
Zirconium	91-1	0.35	0.31	0.41	0.36	13.52	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49728.36	51246.31	49007.79	49994.15	2.29	ppb
Antimony	121-1	536.78	504.80	495.69	512.42	4.21	ppb
Arsenic	75-1	524.43	497.99	489.93	504.12	3.58	ppb
Barium	135-1	2739.77	2584.82	2551.71	2625.43	3.82	ppb
Barium	137-1	2751.17	2570.49	2543.49	2621.71	4.31	ppb
Beryllium	9-1	549.75	527.06	513.92	530.24	3.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	570.23	552.54	549.52	557.43	2.01	ppb
Boron	10-1	569.96	549.73	533.32	551.00	3.33	ppb
Cadmium	106-1	526.32	487.14	490.91	501.46	4.31	ppb
Cadmium	108-1	523.66	499.12	494.13	505.64	3.13	ppb
Cadmium	111-1	520.33	486.90	479.30	495.51	4.41	ppb
Calcium	43-1	263519.12	249537.46	243043.28	252033.29	4.15	ppb
Calcium	44-1	261935.14	249085.33	245509.32	252176.60	3.43	ppb
Chromium	52-2	517.01	534.47	510.50	520.66	2.38	ppb
Cobalt	59-2	489.92	506.35	482.50	492.92	2.48	ppb
Copper	63-2	945.01	979.96	940.27	955.08	2.27	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				107		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	121528.82	125157.91	119857.27	122181.33	2.22	ppb
Iron	57-2	122542.06	126956.27	121029.51	123509.28	2.49	ppb
Krypton	83-1	15956.36	11614.90	583.42	9384.90	84.45	ppb
Lead	207-1	563.32	530.50	513.38	535.73	4.74	ppb
Lead	208-1	558.71	526.26	511.33	532.10	4.55	ppb
Lead	206-1	554.58	524.76	519.01	532.79	3.58	ppb
Lithium	6-1				87		%
Magnesium	24-2	237217.18	244158.91	233950.44	238442.18	2.19	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	999.40	1029.70	983.23	1004.11	2.35	ppb
Molybdenum	94-1	2770.90	2577.81	2535.42	2628.04	4.78	ppb
Molybdenum	95-1	2749.65	2581.73	2528.05	2619.81	4.41	ppb
Molybdenum	96-1	2770.77	2587.07	2529.83	2629.22	4.79	ppb
Molybdenum	97-1	2787.90	2603.92	2532.70	2641.51	4.99	ppb
Molybdenum	98-1	2748.93	2592.03	2543.38	2628.11	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.09	515.25	491.43	501.26	2.48	ppb
Phosphorus	31-2	9999.95	10427.36	9936.88	10121.40	2.64	ppb
Potassium	39-2	120776.52	123770.19	117930.38	120825.70	2.42	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	434.03	402.90	483.77	440.24	9.27	ppb
Selenium	78-2	484.83	484.71	465.96	478.50	2.27	ppb
Selenium	82-1	530.98	496.08	491.25	506.11	4.28	ppb
Silicon	28-1	586.62	552.26	550.98	563.28	3.59	ppb
Silver	109-1	536.19	497.90	497.67	510.59	4.34	ppb
Silver	107-1	537.82	498.61	493.98	510.14	4.72	ppb
Sodium	23-2	237354.51	246087.91	234938.29	239460.24	2.45	ppb
Strontium	86-1	537.81	505.47	499.98	514.42	3.97	ppb
Strontium	88-1	550.37	518.98	506.65	525.33	4.29	ppb
Sulfur	34-1	10541.45	9754.12	9371.26	9888.94	6.03	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	557.39	525.20	510.74	531.11	4.50	ppb
Thallium	205-1	553.08	523.70	506.70	527.83	4.45	ppb
Tin	118-1	553.09	512.82	510.26	525.39	4.57	ppb
Titanium	47-1	2764.81	2605.20	2573.17	2647.73	3.88	ppb
Uranium	238-1	559.70	523.28	513.42	532.13	4.58	ppb
Vanadium	51-2	500.30	515.31	495.95	503.86	2.02	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	949.26	987.31	941.01	959.19	2.57	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	552.60	520.08	511.15	527.94	4.13	ppb
Zirconium	91-1	562.53	523.80	517.61	534.65	4.55	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:50:59	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.92	2.22	1.72	36.00	ppb
Antimony	121-1	1.54	1.42	1.35	1.44	6.69	ppb
Arsenic	75-1	0.43	0.41	0.42	0.42	2.74	ppb
Barium	135-1	0.08	0.12	0.06	0.09	37.28	ppb
Barium	137-1	0.09	0.08	0.07	0.08	13.66	ppb
Beryllium	9-1	0.38	0.36	0.39	0.37	4.10	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Boron	11-1	27.13	25.74	24.99	25.95	4.18	ppb
Boron	10-1	27.53	26.43	23.90	25.96	7.18	ppb
Cadmium	106-1	-1.09	-0.75	-1.23	-1.02		ppb
Cadmium	108-1	-0.01	0.06	0.13	0.06	122.32	ppb
Cadmium	111-1	-0.02	-0.02	-0.03	-0.02		ppb
Calcium	43-1	6.05	2.15	-0.96	2.42	145.39	ppb
Calcium	44-1	-0.64	-0.20	0.11	-0.24		ppb
Chromium	52-2	0.11	0.01	-0.01	0.04	186.58	ppb
Cobalt	59-2	0.03	0.00	0.02	0.02	72.18	ppb
Copper	63-2	0.12	0.15	0.12	0.13	13.89	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				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	7.07	7.13	6.74	6.98	3.03	ppb
Iron	57-2	8.96	6.27	8.86	8.03	19.02	ppb
Krypton	83-1	-1429.17	-4877.94	-9709.72	-5338.95		ppb
Lead	207-1	0.08	0.08	0.09	0.08	6.70	ppb
Lead	208-1	0.08	0.09	0.08	0.08	4.60	ppb
Lead	206-1	0.09	0.08	0.06	0.08	15.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	11.00	8.29	13.26	10.85	22.96	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:50:59	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.06	-0.05	0.03	230.62	ppb
Molybdenum	94-1	0.89	0.90	0.73	0.84	11.45	ppb
Molybdenum	95-1	1.01	0.95	0.79	0.92	12.87	ppb
Molybdenum	96-1	1.02	0.89	0.79	0.90	12.62	ppb
Molybdenum	97-1	0.88	0.86	0.81	0.85	3.73	ppb
Molybdenum	98-1	0.94	0.95	0.82	0.90	8.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.00	-0.04	-0.03		ppb
Phosphorus	31-2	-6.08	-6.08	38.09	8.65	294.91	ppb
Potassium	39-2	12.52	-3.19	-0.23	3.03	275.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				89		%
Scandium	45-2				84		%
Selenium	77-2	9.06	0.00	0.00	3.02	173.21	ppb
Selenium	78-2	1.30	0.54	0.54	0.79	55.09	ppb
Selenium	82-1	0.10	0.53	0.56	0.40	64.95	ppb
Silicon	28-1	-8.70	-9.47	-10.34	-9.50		ppb
Silver	109-1	0.10	0.09	0.08	0.09	9.92	ppb
Silver	107-1	0.09	0.08	0.09	0.09	6.57	ppb
Sodium	23-2	92.55	92.56	89.61	91.57	1.85	ppb
Strontium	86-1	-0.02	-0.07	-0.01	-0.03		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.95	ppb
Sulfur	34-1	-890.09	-1029.87	-1016.96	-978.98		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.33	0.28	0.26	0.29	11.50	ppb
Thallium	205-1	0.31	0.31	0.29	0.30	3.44	ppb
Tin	118-1	0.46	0.45	0.41	0.44	5.87	ppb
Titanium	47-1	0.13	0.17	0.20	0.16	22.21	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.95	ppb
Vanadium	51-2	0.01	0.04	0.04	0.03	53.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.29	0.26	0.29	0.28	6.45	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:50:59	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.11	0.11	4.82	ppb
Zirconium	91-1	0.13	0.13	0.14	0.13	5.91	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-02	Instrumnet Name :	P8
Client Sample ID :	380926026.2-GODAWN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:54:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.17	12.39	5.99	9.52	34.14	ppb
Antimony	121-1	1.12	1.15	1.19	1.15	3.04	ppb
Arsenic	75-1	7.71	8.07	8.87	8.22	7.27	ppb
Barium	135-1	60.22	59.85	60.70	60.26	0.71	ppb
Barium	137-1	60.36	59.88	60.16	60.13	0.40	ppb
Beryllium	9-1	0.23	0.22	0.20	0.22	5.76	ppb
Bismuth	209-1				124		%
Bismuth	209-2				112		%
Boron	11-1	773.61	784.58	823.45	793.88	3.30	ppb
Boron	10-1	753.41	775.29	802.17	776.96	3.14	ppb
Cadmium	106-1	-1.24	-0.59	-1.18	-1.00		ppb
Cadmium	108-1	0.16	0.18	0.07	0.13	42.67	ppb
Cadmium	111-1	-0.02	0.00	-0.04	-0.02		ppb
Calcium	43-1	48450.89	48553.76	50011.94	49005.53	1.78	ppb
Calcium	44-1	48002.44	48252.86	49450.93	48568.75	1.59	ppb
Chromium	52-2	0.24	0.18	0.25	0.23	16.06	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	31.29	ppb
Copper	63-2	329.44	321.92	328.20	326.52	1.24	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				123		%
Holmium	165-2				115		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	56-2	9.00	8.94	9.10	9.01	0.89	ppb
Iron	57-2	13.80	7.57	10.46	10.61	29.37	ppb
Krypton	83-1	-2564.58	1125.07	-14124.20	-5187.90		ppb
Lead	207-1	4.22	4.42	4.47	4.37	2.95	ppb
Lead	208-1	4.40	4.47	4.51	4.46	1.24	ppb
Lead	206-1	4.69	4.67	4.68	4.68	0.21	ppb
Lithium	6-1				106		%
Magnesium	24-2	22028.74	21721.55	21653.05	21801.11	0.92	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-02	Instrumnet Name :	P8
Client Sample ID :	380926026.2-GODAWN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:54:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.50	29.28	30.58	30.12	2.41	ppb
Molybdenum	94-1	1.77	1.60	1.56	1.64	6.74	ppb
Molybdenum	95-1	1.86	1.76	1.83	1.82	2.73	ppb
Molybdenum	96-1	1.70	1.78	1.80	1.76	2.90	ppb
Molybdenum	97-1	1.68	1.65	1.93	1.76	8.58	ppb
Molybdenum	98-1	1.76	1.83	1.72	1.77	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.48	1.53	1.55	5.28	ppb
Phosphorus	31-2	15.04	-6.08	-6.08	0.96	1266.40	ppb
Potassium	39-2	1465.12	1362.76	1421.69	1416.52	3.63	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	4.37	1.46	173.21	ppb
Selenium	78-2	0.49	0.50	0.51	0.50	1.13	ppb
Selenium	82-1	0.00	0.04	0.51	0.18	155.66	ppb
Silicon	28-1	9410.79	9486.99	9778.52	9558.77	2.03	ppb
Silver	109-1	0.14	0.18	0.17	0.16	13.76	ppb
Silver	107-1	0.14	0.16	0.19	0.16	15.30	ppb
Sodium	23-2	29046.01	28674.28	28815.36	28845.22	0.65	ppb
Strontium	86-1	2787.15	2804.07	2775.01	2788.74	0.52	ppb
Strontium	88-1	2856.41	2864.20	2841.09	2853.90	0.41	ppb
Sulfur	34-1	11696.37	11823.90	12529.14	12016.47	3.73	ppb
Terbium	159-1				122		%
Terbium	159-2				114		%
Thallium	203-1	0.33	0.33	0.29	0.32	6.83	ppb
Thallium	205-1	0.35	0.34	0.32	0.33	3.87	ppb
Tin	118-1	0.26	0.26	0.25	0.25	1.86	ppb
Titanium	47-1	0.50	0.41	0.63	0.52	21.74	ppb
Uranium	238-1	1.90	1.95	1.98	1.94	1.91	ppb
Vanadium	51-2	2.01	2.04	1.94	2.00	2.62	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	119.09	120.63	122.70	120.81	1.50	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-02	Instrumnet Name :	P8
Client Sample ID :	380926026.2-GODAWN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:54:22	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.20	0.20	0.22	13.75	ppb
Zirconium	91-1	0.28	0.24	0.22	0.25	11.29	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.07	11.07	10.06	11.73	17.79	ppb
Antimony	121-1	0.74	0.73	0.76	0.74	1.55	ppb
Arsenic	75-1	5.93	6.11	6.26	6.10	2.72	ppb
Barium	135-1	46.38	46.20	46.59	46.39	0.42	ppb
Barium	137-1	46.27	46.42	47.41	46.70	1.34	ppb
Beryllium	9-1	0.17	0.14	0.19	0.17	14.50	ppb
Bismuth	209-1				125		%
Bismuth	209-2				112		%
Boron	11-1	758.96	769.77	806.16	778.30	3.18	ppb
Boron	10-1	752.25	756.94	784.89	764.69	2.31	ppb
Cadmium	106-1	-0.53	-1.39	-1.26	-1.06		ppb
Cadmium	108-1	0.70	0.55	0.69	0.65	13.59	ppb
Cadmium	111-1	0.08	0.04	0.06	0.06	31.56	ppb
Calcium	43-1	40267.88	39791.18	40588.05	40215.70	1.00	ppb
Calcium	44-1	39907.32	39493.19	40244.99	39881.83	0.94	ppb
Chromium	52-2	0.67	0.57	0.60	0.61	8.14	ppb
Cobalt	59-2	0.08	0.05	0.07	0.07	24.23	ppb
Copper	63-2	49.64	48.06	48.44	48.71	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				100		%
Iron	56-2	28.37	26.03	26.78	27.06	4.42	ppb
Iron	57-2	36.74	35.72	29.53	34.00	11.47	ppb
Krypton	83-1	-18842.16	-4416.05	-12479.69	-11912.63		ppb
Lead	207-1	1.68	1.69	1.71	1.69	1.01	ppb
Lead	208-1	1.77	1.75	1.80	1.77	1.25	ppb
Lead	206-1	1.82	1.81	1.90	1.84	2.67	ppb
Lithium	6-1				108		%
Magnesium	24-2	15315.14	14898.16	14929.99	15047.76	1.54	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.10	11.96	13.34	12.80	5.74	ppb
Molybdenum	94-1	70.99	70.56	70.89	70.81	0.32	ppb
Molybdenum	95-1	101.12	99.55	100.95	100.54	0.86	ppb
Molybdenum	96-1	97.24	96.23	97.49	96.99	0.69	ppb
Molybdenum	97-1	101.49	100.21	100.49	100.73	0.67	ppb
Molybdenum	98-1	101.10	100.87	102.02	101.33	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.70	2.33	2.58	2.54	7.49	ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	1079.51	992.49	1053.15	1041.72	4.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	77-2	17.64	4.39	0.00	7.34	125.10	ppb
Selenium	78-2	0.51	4.23	3.48	2.74	71.71	ppb
Selenium	82-1	3.86	4.01	4.31	4.06	5.72	ppb
Silicon	28-1	5446.81	5366.93	5480.00	5431.25	1.07	ppb
Silver	109-1	0.15	0.14	0.17	0.15	8.48	ppb
Silver	107-1	0.15	0.16	0.18	0.16	10.42	ppb
Sodium	23-2	29142.83	28942.95	28834.58	28973.45	0.54	ppb
Strontium	86-1	2189.00	2164.59	2178.67	2177.42	0.56	ppb
Strontium	88-1	2222.86	2209.76	2224.44	2219.02	0.36	ppb
Sulfur	34-1	11948.84	11611.74	12242.74	11934.44	2.65	ppb
Terbium	159-1				121		%
Terbium	159-2				113		%
Thallium	203-1	0.17	0.16	0.20	0.18	11.55	ppb
Thallium	205-1	0.17	0.17	0.19	0.18	8.27	ppb
Tin	118-1	0.45	0.37	0.43	0.42	10.15	ppb
Titanium	47-1	0.27	0.29	0.36	0.31	14.89	ppb
Uranium	238-1	7.88	7.88	8.10	7.95	1.62	ppb
Vanadium	51-2	0.12	0.14	0.10	0.12	18.72	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	360.98	346.49	356.13	354.53	2.08	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.12	0.12	0.13	11.17	ppb
Zirconium	91-1	0.14	0.14	0.13	0.14	5.33	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50210.96	50066.23	52222.48	50833.23	2.37	ppb
Antimony	121-1	493.91	497.02	500.95	497.29	0.71	ppb
Arsenic	75-1	488.55	492.60	491.18	490.78	0.42	ppb
Barium	135-1	2565.91	2556.09	2573.08	2565.03	0.33	ppb
Barium	137-1	2539.83	2523.01	2528.51	2530.45	0.34	ppb
Beryllium	9-1	511.21	504.63	504.99	506.94	0.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	11-1	563.56	564.12	573.40	567.02	0.97	ppb
Boron	10-1	563.85	560.46	573.79	566.03	1.22	ppb
Cadmium	106-1	501.16	488.28	497.63	495.69	1.34	ppb
Cadmium	108-1	495.57	489.14	483.55	489.42	1.23	ppb
Cadmium	111-1	485.60	480.95	483.57	483.37	0.48	ppb
Calcium	43-1	243543.44	249029.82	245919.44	246164.24	1.12	ppb
Calcium	44-1	243234.84	246422.27	245862.13	245173.08	0.69	ppb
Chromium	52-2	519.90	523.17	542.53	528.53	2.31	ppb
Cobalt	59-2	494.51	495.38	517.55	502.48	2.60	ppb
Copper	63-2	964.22	966.60	999.49	976.77	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	124002.21	122665.75	127486.69	124718.22	2.00	ppb
Iron	57-2	123167.77	123544.17	128795.75	125169.23	2.51	ppb
Krypton	83-1	-11870.31	-6453.31	8571.28	-3250.78		ppb
Lead	207-1	524.87	524.30	522.49	523.89	0.24	ppb
Lead	208-1	522.37	520.87	517.44	520.23	0.49	ppb
Lead	206-1	523.18	524.90	516.79	521.62	0.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	241985.52	241987.65	250997.63	244990.27	2.12	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.59	1000.44	1043.62	1016.88	2.30	ppb
Molybdenum	94-1	2575.56	2557.97	2573.99	2569.18	0.38	ppb
Molybdenum	95-1	2557.62	2552.27	2555.69	2555.20	0.11	ppb
Molybdenum	96-1	2569.58	2555.74	2580.57	2568.63	0.48	ppb
Molybdenum	97-1	2564.83	2547.03	2579.69	2563.85	0.64	ppb
Molybdenum	98-1	2563.72	2547.50	2563.75	2558.32	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.69	505.82	521.85	510.79	1.88	ppb
Phosphorus	31-2	9562.61	10113.17	10566.10	10080.63	4.99	ppb
Potassium	39-2	121250.77	120981.59	125422.64	122551.67	2.03	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				81		%
Selenium	77-2	409.79	504.33	478.89	464.34	10.54	ppb
Selenium	78-2	514.56	465.13	502.18	493.96	5.21	ppb
Selenium	82-1	497.07	491.08	492.32	493.49	0.64	ppb
Silicon	28-1	536.21	548.18	545.14	543.18	1.15	ppb
Silver	109-1	494.15	497.51	494.14	495.27	0.39	ppb
Silver	107-1	497.40	492.96	490.20	493.52	0.74	ppb
Sodium	23-2	241441.34	240131.78	250730.17	244101.10	2.37	ppb
Strontium	86-1	502.98	501.11	501.32	501.80	0.20	ppb
Strontium	88-1	511.13	514.34	507.51	511.00	0.67	ppb
Sulfur	34-1	9811.37	9819.83	9928.95	9853.39	0.67	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	522.46	522.05	527.32	523.95	0.56	ppb
Thallium	205-1	520.81	517.14	511.67	516.54	0.89	ppb
Tin	118-1	514.31	512.30	511.89	512.83	0.25	ppb
Titanium	47-1	2543.21	2613.17	2574.31	2576.89	1.36	ppb
Uranium	238-1	522.24	531.82	527.36	527.14	0.91	ppb
Vanadium	51-2	503.35	503.35	523.71	510.14	2.30	ppb
Yttrium	89-1				95		%
Yttrium	89-2				87		%
Zinc	66-2	964.92	974.55	1003.55	981.01	2.05	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.15	512.68	509.98	511.27	0.26	ppb
Zirconium	91-1	525.96	522.39	518.64	522.33	0.70	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	-0.55	1.56	0.87	141.52	ppb
Antimony	121-1	1.20	1.11	1.09	1.13	5.40	ppb
Arsenic	75-1	0.31	0.29	0.28	0.29	5.20	ppb
Barium	135-1	0.11	0.12	0.04	0.09	50.15	ppb
Barium	137-1	0.11	0.08	0.04	0.08	43.84	ppb
Beryllium	9-1	0.37	0.35	0.31	0.34	9.51	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	11-1	39.13	37.69	34.74	37.19	6.03	ppb
Boron	10-1	40.47	38.87	35.54	38.29	6.57	ppb
Cadmium	106-1	-1.37	-1.24	-1.97	-1.53		ppb
Cadmium	108-1	0.15	0.03	0.16	0.12	60.50	ppb
Cadmium	111-1	-0.04	-0.01	-0.10	-0.05		ppb
Calcium	43-1	10.16	3.90	1.98	5.35	79.96	ppb
Calcium	44-1	2.06	0.48	-1.69	0.29	653.44	ppb
Chromium	52-2	0.00	0.05	-0.07	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	36.02	ppb
Copper	63-2	0.11	0.09	0.11	0.11	12.00	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				111		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	5.66	5.05	4.51	5.08	11.29	ppb
Iron	57-2	4.77	3.50	3.04	3.77	23.79	ppb
Krypton	83-1	-8841.25	-5535.74	5503.91	-2957.70		ppb
Lead	207-1	0.06	0.05	0.04	0.05	20.71	ppb
Lead	208-1	0.06	0.05	0.05	0.06	10.74	ppb
Lead	206-1	0.06	0.06	0.05	0.06	7.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	9.80	8.52	10.30	9.54	9.64	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.11	0.03	0.06	67.11	ppb
Molybdenum	94-1	0.96	0.79	0.73	0.83	14.88	ppb
Molybdenum	95-1	0.98	0.89	0.75	0.87	13.30	ppb
Molybdenum	96-1	0.98	0.77	0.80	0.85	13.27	ppb
Molybdenum	97-1	1.07	0.83	0.76	0.89	18.40	ppb
Molybdenum	98-1	0.98	0.92	0.84	0.91	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.05	-0.06		ppb
Phosphorus	31-2	-6.08	-6.08	-6.08	-6.08		ppb
Potassium	39-2	3.14	25.87	-13.45	5.19	380.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				81		%
Selenium	77-2	4.75	4.83	0.00	3.19	86.61	ppb
Selenium	78-2	0.57	1.40	0.56	0.85	57.08	ppb
Selenium	82-1	0.37	0.23	-0.33	0.09	415.83	ppb
Silicon	28-1	-12.25	-11.65	-11.04	-11.65		ppb
Silver	109-1	0.09	0.06	0.06	0.07	23.35	ppb
Silver	107-1	0.09	0.09	0.07	0.08	16.10	ppb
Sodium	23-2	90.84	79.78	85.17	85.26	6.49	ppb
Strontium	86-1	-0.03	0.06	-0.01	0.01	666.07	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	9.91	ppb
Sulfur	34-1	-1001.95	-929.94	-611.32	-847.74		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.18	0.16	0.17	7.21	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	8.04	ppb
Tin	118-1	0.33	0.28	0.23	0.28	17.55	ppb
Titanium	47-1	0.18	0.19	0.16	0.18	10.68	ppb
Uranium	238-1	0.03	0.01	0.02	0.02	37.70	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	1016.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	0.06	0.11	0.00	0.05	93.21	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.10	0.12	13.16	ppb
Zirconium	91-1	0.15	0.16	0.09	0.13	25.64	ppb

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	15	15	13	21.65	cps
Antimony	121-1	250	175	383	269	39.16	cps
Arsenic	75-1	150	175	158	161	7.90	cps
Barium	135-1	17	83	33	44	78.06	cps
Barium	137-1	75	58	67	67	12.49	cps
Beryllium	9-1	161	89	78	109	41.42	cps
Bismuth	209-1	5437379	5559209	5415852	5470813	1.41	cps
Bismuth	209-2	1327253	1410068	1435461	1390928	4.07	cps
Boron	11-1	1058	975	900	978	8.10	cps
Boron	10-1	175	225	225	208	13.86	cps
Cadmium	106-1	1592	1358	1617	1522	9.36	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	1131	956	1127	1071	9.30	cps
Calcium	43-1	367	383	542	431	22.43	cps
Calcium	44-1	13866	14250	14583	14233	2.52	cps
Chromium	52-2	373	423	437	411	8.12	cps
Cobalt	59-2	70	60	33	54	34.82	cps
Copper	63-2	317	333	350	333	5.00	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	33	8	22	57.30	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	75	83	83	81	5.98	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	7851745	7851918	7749753	7817805	0.75	cps
Holmium	165-2	1574666	1672139	1710569	1652458	4.24	cps
Indium	115-1	6048171	6099787	6063045	6070334	0.44	cps
Indium	115-2	250228	263523	267910	260554	3.53	cps
Iron	56-2	1139	1045	1089	1091	4.33	cps
Iron	57-2	28	22	28	26	12.38	cps
Krypton	83-1	367	420	377	388	7.31	cps
Lead	207-1	189	278	339	269	28.09	cps
Lead	208-1	1033	1195	1072	1100	7.64	cps
Lead	206-1	272	294	283	283	3.92	cps
Lithium	6-1	1122318	1121485	1116069	1119957	0.30	cps
Magnesium	24-2	375	367	433	392	9.27	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	30	29	6.65	cps
Molybdenum	94-1	200	292	258	250	18.56	cps
Molybdenum	95-1	208	142	108	153	33.33	cps
Molybdenum	96-1	217	233	292	247	15.93	cps
Molybdenum	97-1	133	133	117	128	7.53	cps
Molybdenum	98-1	167	275	167	203	30.84	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	377	303	360	347	11.09	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2684	2334	2425	2481	7.32	cps
Rhodium	103-1	5813074	5863318	5720546	5798979	1.25	cps
Rhodium	103-2	1452073	1544355	1579266	1525231	4.31	cps
Scandium	45-1	3557700	3677937	3538682	3591440	2.10	cps
Scandium	45-2	24699	25917	26505	25707	3.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	14	-32	-37	-19	-150.23	cps
Silicon	28-1	239552	238698	238368	238872	0.26	cps
Silver	109-1	33	75	33	47	50.95	cps
Silver	107-1	108	125	17	83	70.00	cps
Sodium	23-2	4601	4668	4726	4665	1.34	cps
Strontium	86-1	642	567	825	678	19.61	cps
Strontium	88-1	192	167	150	169	12.38	cps
Sulfur	34-1	356367	353202	353804	354457	0.47	cps
Terbium	159-1	8116892	8085988	8059667	8087516	0.35	cps
Terbium	159-2	1512368	1618574	1658178	1596373	4.72	cps
Thallium	203-1	133	183	183	167	17.32	cps
Thallium	205-1	408	392	300	367	15.91	cps
Tin	118-1	783	700	875	786	11.14	cps
Titanium	47-1	42	83	67	64	32.83	cps
Uranium	238-1	108	83	108	100	14.43	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	6301678	6338037	6215049	6284921	1.01	cps
Yttrium	89-2	183047	193737	196400	191062	3.70	cps
Zinc	66-2	73	80	53	69	20.15	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:15:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	558	658	608	608	8.22	cps
Zirconium	91-1	133	117	92	114	18.41	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	185	163	170	7.64	cps
Antimony	121-1	21568	22320	20383	21424	4.56	cps
Arsenic	75-1	2775	2942	3201	2973	7.21	cps
Barium	135-1	22336	21594	22278	22069	1.87	cps
Barium	137-1	40246	39226	39468	39646	1.34	cps
Beryllium	9-1	1561	1645	1467	1558	5.71	cps
Bismuth	209-1	5403088	5537237	5411587	5450638	1.38	cps
Bismuth	209-2	1431282	1447647	1433761	1437563	0.61	cps
Boron	11-1	20649	21158	21567	21125	2.18	cps
Boron	10-1	3934	4142	4359	4145	5.13	cps
Cadmium	106-1	1650	1967	1792	1803	8.80	cps
Cadmium	108-1	133	204	158	165	21.73	cps
Cadmium	111-1	3408	3576	3481	3488	2.41	cps
Calcium	43-1	12122	11722	11714	11853	1.97	cps
Calcium	44-1	202365	198933	201230	200843	0.87	cps
Chromium	52-2	2244	2457	2290	2330	4.81	cps
Cobalt	59-2	2160	2037	2084	2094	2.98	cps
Copper	63-2	4081	3957	3974	4004	1.67	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	100	67	58	75	29.39	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	7778290	7944272	7771807	7831456	1.25	cps
Holmium	165-2	1730859	1704245	1703623	1712909	0.91	cps
Indium	115-1	6002848	6223183	6058641	6094891	1.88	cps
Indium	115-2	269347	271133	270698	270393	0.34	cps
Iron	56-2	34025	33680	33886	33864	0.51	cps
Iron	57-2	933	839	750	841	10.91	cps
Krypton	83-1	357	353	440	383	12.81	cps
Lead	207-1	7030	7147	6997	7058	1.12	cps
Lead	208-1	31678	32145	31739	31854	0.80	cps
Lead	206-1	7647	7786	7575	7669	1.40	cps
Lithium	6-1	1109345	1128341	1130106	1122597	1.03	cps
Magnesium	24-2	16752	16619	16761	16711	0.48	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	263	287	260	270	5.38	cps
Molybdenum	94-1	17495	18547	17679	17907	3.14	cps
Molybdenum	95-1	22519	22386	22136	22347	0.87	cps
Molybdenum	96-1	24690	25299	25466	25152	1.62	cps
Molybdenum	97-1	14200	13858	14108	14055	1.26	cps
Molybdenum	98-1	36818	36868	35105	36263	2.77	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	927	960	917	934	2.43	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11163	11322	11088	11191	1.06	cps
Rhodium	103-1	5758088	5917597	5720674	5798786	1.80	cps
Rhodium	103-2	1546996	1546940	1569376	1554437	0.83	cps
Scandium	45-1	3530748	3634758	3585127	3583544	1.45	cps
Scandium	45-2	26969	26572	27003	26848	0.89	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	15	19	14	41.65	cps
Selenium	82-1	804	812	703	773	7.84	cps
Silicon	28-1	304301	308421	309087	307270	0.84	cps
Silver	109-1	11572	12298	10871	11580	6.16	cps
Silver	107-1	12515	11530	11647	11897	4.52	cps
Sodium	23-2	40977	41612	41002	41197	0.87	cps
Strontium	86-1	3509	3734	3509	3584	3.63	cps
Strontium	88-1	25183	25241	24732	25052	1.11	cps
Sulfur	34-1	360637	362033	363150	361940	0.35	cps
Terbium	159-1	8068489	8212248	8014624	8098454	1.26	cps
Terbium	159-2	1642897	1653401	1662003	1652767	0.58	cps
Thallium	203-1	9145	9279	8979	9134	1.65	cps
Thallium	205-1	21511	21928	21294	21577	1.49	cps
Tin	118-1	37654	38757	37295	37902	2.01	cps
Titanium	47-1	5810	6152	5943	5968	2.89	cps
Uranium	238-1	30380	29820	30188	30129	0.94	cps
Vanadium	51-2	3477	3277	3434	3396	3.10	cps
Yttrium	89-1	6299272	6403193	6296780	6333082	0.96	cps
Yttrium	89-2	197025	196056	198581	197221	0.65	cps
Zinc	66-2	423	413	483	440	8.60	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:22:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14792	14316	14542	14550	1.64	cps
Zirconium	91-1	3167	3276	3009	3151	4.26	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7049	6628	6908	6862	3.12	cps
Antimony	121-1	528559	526763	535718	530347	0.89	cps
Arsenic	75-1	136891	136184	135327	136134	0.58	cps
Barium	135-1	569587	569625	569743	569652	0.01	cps
Barium	137-1	1005982	1001230	1001663	1002958	0.26	cps
Beryllium	9-1	73230	72510	72035	72592	0.83	cps
Bismuth	209-1	5509481	5153733	5479524	5380912	3.67	cps
Bismuth	209-2	1404875	1433298	1433996	1424056	1.17	cps
Boron	11-1	37935	40040	40241	39405	3.24	cps
Boron	10-1	8128	8369	8136	8211	1.67	cps
Cadmium	106-1	14433	14567	15017	14672	2.09	cps
Cadmium	108-1	8686	9041	8586	8771	2.72	cps
Cadmium	111-1	122850	123729	123552	123377	0.38	cps
Calcium	43-1	116520	117313	118589	117474	0.89	cps
Calcium	44-1	1933361	1947227	1947099	1942563	0.41	cps
Chromium	52-2	45604	45357	45618	45526	0.32	cps
Cobalt	59-2	100667	101644	100835	101048	0.52	cps
Copper	63-2	177608	177784	177324	177572	0.13	cps
Dysprosium	156-1	33	17	8	19	65.48	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	7950766	7410416	7937205	7766129	3.97	cps
Holmium	165-2	1680064	1735750	1687433	1701082	1.78	cps
Indium	115-1	6093405	5721432	6138893	5984577	3.83	cps
Indium	115-2	264223	263867	264691	264260	0.16	cps
Iron	56-2	1593613	1595461	1575423	1588166	0.70	cps
Iron	57-2	40621	39635	39919	40058	1.27	cps
Krypton	83-1	390	323	373	362	9.58	cps
Lead	207-1	331442	333032	337180	333885	0.89	cps
Lead	208-1	1497912	1510576	1516387	1508292	0.63	cps
Lead	206-1	369118	368622	369351	369030	0.10	cps
Lithium	6-1	1135306	1047464	1131835	1104868	4.50	cps
Magnesium	24-2	160513	159274	160134	159974	0.40	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26873	26619	27126	26873	0.94	cps
Molybdenum	94-1	902830	921454	916506	913597	1.06	cps
Molybdenum	95-1	1118128	1134823	1123928	1125626	0.75	cps
Molybdenum	96-1	1240853	1255880	1236823	1244519	0.81	cps
Molybdenum	97-1	699038	708578	702999	703538	0.68	cps
Molybdenum	98-1	1805050	1833745	1815527	1818108	0.80	cps
Neodymium	150-1	27	27	60	38	50.93	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30286	30373	30483	30381	0.33	cps
Phosphorus	31-2	458	475	492	475	3.51	cps
Potassium	39-2	44864	44714	43761	44446	1.35	cps
Rhodium	103-1	5760340	5399062	5781846	5647083	3.81	cps
Rhodium	103-2	1530648	1535687	1540840	1535725	0.33	cps
Scandium	45-1	3596806	3324709	3511119	3477545	4.00	cps
Scandium	45-2	25751	25543	26345	25880	1.61	cps
Selenium	77-2	50	60	53	54	9.35	cps
Selenium	78-2	146	119	170	145	17.89	cps
Selenium	82-1	7473	7549	7333	7452	1.48	cps
Silicon	28-1	471404	473452	474601	473152	0.34	cps
Silver	109-1	562686	565516	559658	562620	0.52	cps
Silver	107-1	590328	594060	585845	590078	0.70	cps
Sodium	23-2	354076	354093	353292	353820	0.13	cps
Strontium	86-1	141444	139287	140002	140244	0.78	cps
Strontium	88-1	1229476	1220547	1216971	1222332	0.53	cps
Sulfur	34-1	390907	394201	389153	391420	0.65	cps
Terbium	159-1	8207786	7644795	8280304	8044295	4.32	cps
Terbium	159-2	1654703	1658861	1665915	1659826	0.34	cps
Thallium	203-1	456770	459752	456005	457509	0.43	cps
Thallium	205-1	1094250	1092292	1095437	1093993	0.15	cps
Tin	118-1	371828	374669	368192	371563	0.87	cps
Titanium	47-1	282615	287970	286347	285644	0.96	cps
Uranium	238-1	1500903	1501225	1491126	1497751	0.38	cps
Vanadium	51-2	34229	33096	33316	33547	1.79	cps
Yttrium	89-1	6309648	5880463	6342306	6177472	4.17	cps
Yttrium	89-2	192174	195220	193447	193614	0.79	cps
Zinc	66-2	16597	16881	16814	16764	0.88	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:26:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	756876	751168	766828	758291	1.05	cps
Zirconium	91-1	164650	166717	172125	167830	2.30	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17135	16807	17025	16989	0.98	cps
Antimony	121-1	1368776	1367909	1374383	1370356	0.26	cps
Arsenic	75-1	346485	343307	343561	344451	0.51	cps
Barium	135-1	1450771	1462099	1459454	1457442	0.41	cps
Barium	137-1	2584112	2584271	2568606	2578996	0.35	cps
Beryllium	9-1	180614	180252	179797	180221	0.23	cps
Bismuth	209-1	5564284	5601483	5642454	5602740	0.70	cps
Bismuth	209-2	1423369	1361235	1413272	1399292	2.38	cps
Boron	11-1	96615	99418	100585	98872	2.06	cps
Boron	10-1	20682	20582	20649	20638	0.25	cps
Cadmium	106-1	33793	35055	34546	34465	1.84	cps
Cadmium	108-1	22732	21722	22845	22433	2.76	cps
Cadmium	111-1	312588	316026	314208	314274	0.55	cps
Calcium	43-1	294564	296001	292244	294270	0.64	cps
Calcium	44-1	4801735	4799678	4761350	4787587	0.48	cps
Chromium	52-2	112171	112692	111661	112175	0.46	cps
Cobalt	59-2	250256	248441	247631	248776	0.54	cps
Copper	63-2	438172	437082	432729	435994	0.66	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	100	58	67	45.07	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	8029141	8106932	8030786	8055620	0.55	cps
Holmium	165-2	1679907	1633018	1679951	1664292	1.63	cps
Indium	115-1	6102806	6108978	6098417	6103400	0.09	cps
Indium	115-2	256231	246891	255057	252726	2.01	cps
Iron	56-2	3916637	3907830	3875231	3899899	0.56	cps
Iron	57-2	98926	97494	96309	97576	1.34	cps
Krypton	83-1	410	383	393	396	3.40	cps
Lead	207-1	860814	865861	868818	865164	0.47	cps
Lead	208-1	3903653	3956156	3922472	3927427	0.68	cps
Lead	206-1	950400	953325	955318	953014	0.26	cps
Lithium	6-1	1107628	1117846	1096280	1107251	0.97	cps
Magnesium	24-2	396017	393554	387719	392430	1.09	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65717	65590	65720	65676	0.11	cps
Molybdenum	94-1	2374867	2390441	2362728	2376012	0.58	cps
Molybdenum	95-1	2881897	2904050	2894229	2893392	0.38	cps
Molybdenum	96-1	3238157	3198635	3226640	3221144	0.63	cps
Molybdenum	97-1	1828164	1832751	1819781	1826899	0.36	cps
Molybdenum	98-1	4594974	4602247	4629437	4608886	0.39	cps
Neodymium	150-1	60	100	53	71	35.50	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	75430	74397	74863	74897	0.69	cps
Phosphorus	31-2	1125	1108	1017	1083	5.39	cps
Potassium	39-2	103813	103151	103386	103450	0.32	cps
Rhodium	103-1	5745723	5668004	5771578	5728435	0.94	cps
Rhodium	103-2	1490007	1427199	1477001	1464736	2.26	cps
Scandium	45-1	3533747	3508078	3507322	3516382	0.43	cps
Scandium	45-2	25186	23844	24488	24506	2.74	cps
Selenium	77-2	120	140	80	113	26.96	cps
Selenium	78-2	326	374	328	343	7.96	cps
Selenium	82-1	18540	18619	18591	18583	0.21	cps
Silicon	28-1	829525	832875	829753	830718	0.23	cps
Silver	109-1	1423862	1420833	1426384	1423693	0.20	cps
Silver	107-1	1498209	1492113	1501364	1497229	0.31	cps
Sodium	23-2	866195	861896	855780	861290	0.61	cps
Strontium	86-1	358744	357647	361020	359137	0.48	cps
Strontium	88-1	3144036	3134658	3130839	3136511	0.22	cps
Sulfur	34-1	437961	439380	436905	438082	0.28	cps
Terbium	159-1	8339414	8258187	8274447	8290683	0.52	cps
Terbium	159-2	1613193	1560782	1625548	1599841	2.15	cps
Thallium	203-1	1172633	1193911	1181718	1182754	0.90	cps
Thallium	205-1	2855893	2889209	2843606	2862903	0.82	cps
Tin	118-1	949272	951507	946981	949253	0.24	cps
Titanium	47-1	721783	718925	711806	717505	0.72	cps
Uranium	238-1	3967996	3939239	3925791	3944342	0.55	cps
Vanadium	51-2	82682	83349	81321	82451	1.25	cps
Yttrium	89-1	6289713	6308169	6293139	6297007	0.16	cps
Yttrium	89-2	187008	180310	184295	183871	1.83	cps
Zinc	66-2	41435	41987	41201	41541	0.97	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:30:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1993471	1988845	1988835	1990384	0.13	cps
Zirconium	91-1	430801	429986	427599	429462	0.39	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31465	31184	30954	31201	0.82	cps
Antimony	121-1	2820854	2804296	2773029	2799393	0.87	cps
Arsenic	75-1	668413	663077	659585	663692	0.67	cps
Barium	135-1	2942468	2928935	2900713	2924039	0.73	cps
Barium	137-1	5118821	5059364	5106571	5094919	0.62	cps
Beryllium	9-1	345125	344113	343021	344086	0.31	cps
Bismuth	209-1	5685347	5790703	5686301	5720784	1.06	cps
Bismuth	209-2	1413633	1405224	1395452	1404770	0.65	cps
Boron	11-1	184058	188346	190743	187715	1.80	cps
Boron	10-1	38194	37751	39990	38645	3.07	cps
Cadmium	106-1	67101	66590	67193	66961	0.49	cps
Cadmium	108-1	45230	43872	45134	44745	1.69	cps
Cadmium	111-1	616144	622602	616670	618472	0.58	cps
Calcium	43-1	567604	568930	554840	563792	1.38	cps
Calcium	44-1	9111323	9130986	9053101	9098470	0.45	cps
Chromium	52-2	204523	200899	200404	201942	1.11	cps
Cobalt	59-2	459275	453680	453237	455397	0.74	cps
Copper	63-2	805427	800251	793921	799866	0.72	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	8	58	33	75.02	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	108	58	33	67	57.29	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	8119129	8237006	8187624	8181253	0.72	cps
Holmium	165-2	1675913	1652782	1649448	1659381	0.87	cps
Indium	115-1	6001388	6106725	6007985	6038700	0.98	cps
Indium	115-2	245229	244496	242045	243924	0.68	cps
Iron	56-2	7140326	6997176	6999086	7045529	1.17	cps
Iron	57-2	182359	178358	177931	179549	1.36	cps
Krypton	83-1	443	367	390	400	9.83	cps
Lead	207-1	1823298	1841831	1820653	1828594	0.63	cps
Lead	208-1	8158805	8184540	8156028	8166458	0.19	cps
Lead	206-1	1965859	1993810	1988789	1982819	0.75	cps
Lithium	6-1	1093329	1098100	1100304	1097244	0.32	cps
Magnesium	24-2	721483	715674	712153	716437	0.66	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	119643	118403	118003	118683	0.72	cps
Molybdenum	94-1	4593902	4568569	4613663	4592045	0.49	cps
Molybdenum	95-1	5655257	5629160	5594439	5626285	0.54	cps
Molybdenum	96-1	6321224	6222361	6169980	6237855	1.23	cps
Molybdenum	97-1	3591559	3560265	3558364	3570062	0.52	cps
Molybdenum	98-1	9129262	9018069	9006648	9051326	0.75	cps
Neodymium	150-1	173	167	187	176	5.80	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	135020	136036	135215	135424	0.40	cps
Phosphorus	31-2	2042	2075	2050	2056	0.84	cps
Potassium	39-2	185870	181184	180189	182414	1.66	cps
Rhodium	103-1	5595242	5672672	5585274	5617729	0.85	cps
Rhodium	103-2	1449968	1430725	1418232	1432975	1.12	cps
Scandium	45-1	3333806	3389680	3296433	3339973	1.41	cps
Scandium	45-2	23396	22421	22265	22694	2.70	cps
Selenium	77-2	163	207	220	197	15.06	cps
Selenium	78-2	654	559	615	609	7.79	cps
Selenium	82-1	36308	36440	35953	36234	0.70	cps
Silicon	28-1	1259381	1267666	1256249	1261099	0.47	cps
Silver	109-1	2883706	2843097	2855722	2860842	0.73	cps
Silver	107-1	3023281	2971702	3022548	3005843	0.98	cps
Sodium	23-2	1616635	1587750	1608166	1604183	0.93	cps
Strontium	86-1	704634	699107	701038	701593	0.40	cps
Strontium	88-1	6048198	5978801	6049058	6025352	0.67	cps
Sulfur	34-1	495378	493729	488719	492609	0.70	cps
Terbium	159-1	8376955	8581744	8433298	8463999	1.25	cps
Terbium	159-2	1640376	1634762	1618255	1631131	0.70	cps
Thallium	203-1	2461457	2478167	2503810	2481145	0.86	cps
Thallium	205-1	5826936	5825827	5866310	5839691	0.39	cps
Tin	118-1	1957721	1926664	1921915	1935434	1.00	cps
Titanium	47-1	1397289	1394331	1394880	1395500	0.11	cps
Uranium	238-1	7989665	8046071	8124172	8053303	0.84	cps
Vanadium	51-2	150013	147840	148173	148675	0.79	cps
Yttrium	89-1	6179056	6218411	6199906	6199124	0.32	cps
Yttrium	89-2	177571	175248	174476	175765	0.92	cps
Zinc	66-2	76238	75705	74522	75488	1.16	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:34:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3872763	3830317	3853881	3852320	0.55	cps
Zirconium	91-1	854522	837407	844956	845628	1.01	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55511	54547	54977	55012	0.88	cps
Antimony	121-1	5275706	5277287	5259971	5270988	0.18	cps
Arsenic	75-1	1218040	1208966	1197572	1208193	0.85	cps
Barium	135-1	5605188	5521211	5518297	5548232	0.89	cps
Barium	137-1	9690884	9715235	9665175	9690432	0.26	cps
Beryllium	9-1	631298	620919	615568	622595	1.28	cps
Bismuth	209-1	5664971	5857160	5879305	5800479	2.03	cps
Bismuth	209-2	1346593	1352346	1346035	1348325	0.26	cps
Boron	11-1	342313	350329	349609	347417	1.28	cps
Boron	10-1	69225	70197	71286	70236	1.47	cps
Cadmium	106-1	123485	123260	120670	122472	1.28	cps
Cadmium	108-1	83829	83112	82945	83295	0.56	cps
Cadmium	111-1	1162746	1159048	1156921	1159572	0.25	cps
Calcium	43-1	1018241	1019420	1010620	1016094	0.47	cps
Calcium	44-1	16516007	16552285	16318348	16462214	0.76	cps
Chromium	52-2	358741	354479	352374	355198	0.91	cps
Cobalt	59-2	807547	800370	804764	804227	0.45	cps
Copper	63-2	1430447	1416402	1408743	1418531	0.78	cps
Dysprosium	156-1	58	92	58	69	27.71	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	92	67	100	86	20.14	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	8080504	8231173	8322979	8211552	1.49	cps
Holmium	165-2	1620914	1642057	1610666	1624546	0.99	cps
Indium	115-1	5728455	5904064	5860681	5831067	1.57	cps
Indium	115-2	224454	225044	222704	224067	0.54	cps
Iron	56-2	12449718	12392626	12414050	12418798	0.23	cps
Iron	57-2	320866	316882	318346	318698	0.63	cps
Krypton	83-1	343	380	387	370	6.31	cps
Lead	207-1	3597694	3555505	3566384	3573194	0.61	cps
Lead	208-1	16019666	15911208	15977004	15969293	0.34	cps
Lead	206-1	3909460	3900350	3895807	3901872	0.18	cps
Lithium	6-1	1037448	1049568	1058037	1048351	0.99	cps
Magnesium	24-2	1306358	1268331	1292065	1288918	1.49	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210317	208071	210538	209642	0.65	cps
Molybdenum	94-1	8529979	8473976	8400836	8468264	0.76	cps
Molybdenum	95-1	10483603	10394275	10349684	10409188	0.66	cps
Molybdenum	96-1	11666275	11688166	11504135	11619526	0.87	cps
Molybdenum	97-1	6646925	6608006	6522869	6592600	0.96	cps
Molybdenum	98-1	16977624	16927738	16823198	16909520	0.47	cps
Neodymium	150-1	340	367	320	342	6.84	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	240084	237830	236540	238151	0.75	cps
Phosphorus	31-2	3809	3509	3476	3598	5.10	cps
Potassium	39-2	317321	312387	316579	315429	0.84	cps
Rhodium	103-1	5241794	5383888	5377442	5334375	1.50	cps
Rhodium	103-2	1327106	1337698	1317836	1327547	0.75	cps
Scandium	45-1	3061225	3107347	3119698	3096090	1.00	cps
Scandium	45-2	20292	20575	19841	20236	1.83	cps
Selenium	77-2	307	270	353	310	13.47	cps
Selenium	78-2	1159	1098	1052	1103	4.88	cps
Selenium	82-1	67643	66680	66477	66933	0.93	cps
Silicon	28-1	2065914	1993692	1973553	2011053	2.41	cps
Silver	109-1	5339897	5234363	5249218	5274493	1.08	cps
Silver	107-1	5576543	5564587	5477390	5539507	0.98	cps
Sodium	23-2	2867966	2813107	2789296	2823456	1.43	cps
Strontium	86-1	1295300	1295097	1287054	1292484	0.36	cps
Strontium	88-1	11259514	11197256	11107603	11188124	0.68	cps
Sulfur	34-1	591673	580806	574954	582477	1.46	cps
Terbium	159-1	8250196	8450598	8458171	8386322	1.41	cps
Terbium	159-2	1560233	1551497	1548445	1553392	0.39	cps
Thallium	203-1	4833791	4828970	4844996	4835919	0.17	cps
Thallium	205-1	11383236	11337051	11376699	11365662	0.22	cps
Tin	118-1	3637849	3607509	3596287	3613882	0.59	cps
Titanium	47-1	2480110	2473501	2472748	2475453	0.16	cps
Uranium	238-1	16211231	16481906	16288424	16327187	0.85	cps
Vanadium	51-2	264623	262329	263292	263415	0.44	cps
Yttrium	89-1	5813123	5970727	5953459	5912436	1.46	cps
Yttrium	89-2	161003	161972	159293	160756	0.84	cps
Zinc	66-2	134817	132539	132068	133141	1.10	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:37:38	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7150141	7048694	7044933	7081256	0.84	cps
Zirconium	91-1	1589539	1584998	1587767	1587435	0.14	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105359	105583	106810	105917	0.74	cps
Antimony	121-1	10304444	10234346	10297468	10278753	0.38	cps
Arsenic	75-1	2392171	2344971	2365647	2367596	1.00	cps
Barium	135-1	10860195	10816066	10822807	10833023	0.22	cps
Barium	137-1	19150643	19101462	19086403	19112836	0.18	cps
Beryllium	9-1	1203030	1193475	1188470	1194992	0.62	cps
Bismuth	209-1	5866929	5701612	5902416	5823652	1.84	cps
Bismuth	209-2	1346615	1332766	1342695	1340692	0.53	cps
Boron	11-1	659673	676418	683989	673360	1.85	cps
Boron	10-1	135096	136830	139975	137300	1.80	cps
Cadmium	106-1	236276	234767	236640	235895	0.42	cps
Cadmium	108-1	161912	160590	161347	161283	0.41	cps
Cadmium	111-1	2283235	2279459	2309608	2290767	0.72	cps
Calcium	43-1	2001224	1956246	1987068	1981513	1.16	cps
Calcium	44-1	31667694	31547938	31658166	31624600	0.21	cps
Chromium	52-2	692838	694535	693816	693730	0.12	cps
Cobalt	59-2	1564576	1556522	1573718	1564939	0.55	cps
Copper	63-2	2743520	2769334	2751116	2754657	0.48	cps
Dysprosium	156-1	167	158	217	181	17.47	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	75	42	92	69	36.66	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	67	175	83	108	53.85	cps
Gadolinium	160-2	27	27	33	29	13.31	cps
Holmium	165-1	8413551	8265144	8347925	8342207	0.89	cps
Holmium	165-2	1634099	1642148	1643235	1639827	0.30	cps
Indium	115-1	5733383	5598718	5647875	5659992	1.20	cps
Indium	115-2	214540	212951	215633	214375	0.63	cps
Iron	56-2	24135552	24240364	24168160	24181359	0.22	cps
Iron	57-2	613743	614074	612932	613583	0.10	cps
Krypton	83-1	387	367	323	359	9.02	cps
Lead	207-1	7024466	7011295	7044023	7026595	0.23	cps
Lead	208-1	31521377	31503624	31658753	31561252	0.27	cps
Lead	206-1	7656817	7665482	7703530	7675276	0.32	cps
Lithium	6-1	1028130	1012589	1018034	1019584	0.77	cps
Magnesium	24-2	2487562	2496642	2484904	2489703	0.25	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	404244	409699	405139	406361	0.72	cps
Molybdenum	94-1	16763674	16557215	16710997	16677295	0.64	cps
Molybdenum	95-1	20514778	20387000	20655426	20519068	0.65	cps
Molybdenum	96-1	22858516	22585364	22978926	22807602	0.88	cps
Molybdenum	97-1	12906868	12756500	12934706	12866025	0.75	cps
Molybdenum	98-1	33135203	33085543	33278099	33166282	0.30	cps
Neodymium	150-1	527	560	493	527	6.33	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	457911	458850	458721	458494	0.11	cps
Phosphorus	31-2	6860	6827	6669	6785	1.51	cps
Potassium	39-2	605140	609263	606908	607104	0.34	cps
Rhodium	103-1	5254241	5115298	5224182	5197907	1.41	cps
Rhodium	103-2	1302775	1286527	1308225	1299176	0.87	cps
Scandium	45-1	3064996	2982426	3076675	3041366	1.69	cps
Scandium	45-2	20004	19881	19894	19927	0.34	cps
Selenium	77-2	600	637	723	653	9.69	cps
Selenium	78-2	2078	2145	2121	2114	1.60	cps
Selenium	82-1	129133	129696	130237	129688	0.43	cps
Silicon	28-1	3549587	3532761	3549843	3544064	0.28	cps
Silver	109-1	10128736	10061076	10158467	10116093	0.49	cps
Silver	107-1	10643524	10579453	10605193	10609390	0.30	cps
Sodium	23-2	5386933	5441378	5437511	5421941	0.56	cps
Strontium	86-1	2557502	2574440	2530720	2554221	0.86	cps
Strontium	88-1	22022981	21724898	21718709	21822196	0.80	cps
Sulfur	34-1	826514	820381	824320	823738	0.38	cps
Terbium	159-1	8468360	8385578	8467277	8440405	0.56	cps
Terbium	159-2	1561756	1542131	1542035	1548641	0.73	cps
Thallium	203-1	9541619	9603568	9566773	9570653	0.33	cps
Thallium	205-1	22678684	22805676	22922769	22802376	0.54	cps
Tin	118-1	6975265	6987534	7041161	7001320	0.50	cps
Titanium	47-1	4752392	4723627	4696817	4724279	0.59	cps
Uranium	238-1	33134592	33269719	33309213	33237842	0.28	cps
Vanadium	51-2	509585	512025	514792	512134	0.51	cps
Yttrium	89-1	5874778	5744176	5870690	5829882	1.27	cps
Yttrium	89-2	156821	154972	157455	156416	0.82	cps
Zinc	66-2	258579	258582	257319	258160	0.28	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:41:06	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13934496	13879274	13782179	13865316	0.56	cps
Zirconium	91-1	3117217	3058789	3128489	3101498	1.21	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	603645	605568	614791	608001	0.98	cps
Antimony	121-1	30528	29275	27095	28966	6.00	cps
Arsenic	75-1	4568	4117	4026	4237	6.85	cps
Barium	135-1	2817	3167	2934	2973	6.00	cps
Barium	137-1	5468	5143	5351	5321	3.10	cps
Beryllium	9-1	1033	789	850	891	14.28	cps
Bismuth	209-1	5249693	5350125	5316058	5305292	0.96	cps
Bismuth	209-2	1254567	1267584	1191014	1237722	3.31	cps
Boron	11-1	33306	30709	29056	31024	6.91	cps
Boron	10-1	7044	6485	6277	6602	6.01	cps
Cadmium	106-1	1383	1400	1517	1433	5.07	cps
Cadmium	108-1	63	88	25	58	53.93	cps
Cadmium	111-1	1425	1390	1523	1446	4.80	cps
Calcium	43-1	9887666	9919268	9988783	9931906	0.52	cps
Calcium	44-1	161847154	162116941	163522841	162495645	0.55	cps
Chromium	52-2	42063	42060	42347	42157	0.39	cps
Cobalt	59-2	21680	21724	22251	21885	1.45	cps
Copper	63-2	7222	6865	7502	7196	4.44	cps
Dysprosium	156-1	67	142	100	103	36.56	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	83	58	42	61	34.32	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	92	142	133	122	21.92	cps
Gadolinium	160-2	27	23	23	24	7.89	cps
Holmium	165-1	8007529	8047280	8109216	8054675	0.64	cps
Holmium	165-2	1634029	1636153	1533222	1601135	3.67	cps
Indium	115-1	5607735	5678649	5649079	5645154	0.63	cps
Indium	115-2	230294	231281	219510	227028	2.88	cps
Iron	56-2	131047289	131351289	133060534	131819704	0.82	cps
Iron	57-2	3376155	3376126	3416646	3389643	0.69	cps
Krypton	83-1	377	410	393	393	4.24	cps
Lead	207-1	7252	7108	6819	7060	3.13	cps
Lead	208-1	32562	31266	31155	31661	2.47	cps
Lead	206-1	7892	7680	7614	7729	1.88	cps
Lithium	6-1	983149	1009213	1003058	998473	1.36	cps
Magnesium	24-2	13186459	13155511	13359133	13233701	0.83	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3561	3531	3687	3593	2.32	cps
Molybdenum	94-1	25633	24030	24815	24826	3.23	cps
Molybdenum	95-1	40403	39342	39074	39606	1.77	cps
Molybdenum	96-1	45452	44599	43680	44577	1.99	cps
Molybdenum	97-1	25717	25299	23872	24963	3.88	cps
Molybdenum	98-1	64932	62980	63131	63681	1.70	cps
Neodymium	150-1	113	113	73	100	23.09	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	21961	21654	21984	21866	0.84	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3426837	3450600	3491583	3456340	0.95	cps
Rhodium	103-1	4944240	5069259	5022869	5012122	1.26	cps
Rhodium	103-2	1297755	1298614	1233298	1276555	2.93	cps
Scandium	45-1	3022662	3096254	3088185	3069034	1.32	cps
Scandium	45-2	21637	22224	20742	21535	3.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	88	49	104	80	35.07	cps
Silicon	28-1	403406	413266	461414	426029	7.29	cps
Silver	109-1	1500	1700	1258	1486	14.88	cps
Silver	107-1	1567	1525	1600	1564	2.40	cps
Sodium	23-2	29576240	29643865	29955782	29725296	0.68	cps
Strontium	86-1	12256	12473	12631	12453	1.51	cps
Strontium	88-1	104355	102946	104683	103995	0.89	cps
Sulfur	34-1	294130	296832	300939	297300	1.15	cps
Terbium	159-1	8096934	8206102	8199946	8167661	0.75	cps
Terbium	159-2	1566569	1595302	1470432	1544101	4.24	cps
Thallium	203-1	4868	4901	4468	4746	5.08	cps
Thallium	205-1	12031	11673	10955	11553	4.74	cps
Tin	118-1	18755	17053	17012	17607	5.65	cps
Titanium	47-1	1342	1667	1625	1545	11.45	cps
Uranium	238-1	6502	6944	6427	6624	4.22	cps
Vanadium	51-2	350	363	240	318	21.30	cps
Yttrium	89-1	5720075	5797947	5882488	5800170	1.40	cps
Yttrium	89-2	169938	171928	163890	168585	2.48	cps
Zinc	66-2	2160	2290	2194	2215	3.05	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 12:44:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6135	5852	6335	6107	3.98	cps
Zirconium	91-1	1417	1467	1375	1420	3.23	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:17:33 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3424	3234	3341	3333	2.86	cps
Antimony	121-1	2216291	2242922	2224368	2227860	0.61	cps
Arsenic	75-1	535939	544398	545003	541780	0.94	cps
Barium	135-1	231795	234610	235869	234092	0.89	cps
Barium	137-1	411035	409807	413921	411588	0.51	cps
Beryllium	9-1	142807	139593	141533	141311	1.15	cps
Bismuth	209-1	5909030	5719693	5847986	5825569	1.66	cps
Bismuth	209-2	1456372	1466951	1364576	1429299	3.94	cps
Boron	11-1	3301	3492	3451	3414	2.95	cps
Boron	10-1	567	692	775	678	15.47	cps
Cadmium	106-1	23079	24673	23688	23814	3.38	cps
Cadmium	108-1	16360	16414	16147	16307	0.87	cps
Cadmium	111-1	249369	249681	248968	249339	0.14	cps
Calcium	43-1	46093	47398	46905	46799	1.41	cps
Calcium	44-1	769261	768076	766911	768083	0.15	cps
Chromium	52-2	87055	86706	87058	86940	0.23	cps
Cobalt	59-2	200712	199999	199438	200050	0.32	cps
Copper	63-2	177193	175869	176157	176407	0.39	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	108	33	25	56	82.62	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	8343347	8273510	8350446	8322434	0.51	cps
Holmium	165-2	1737997	1757367	1644001	1713122	3.54	cps
Indium	115-1	6280267	6246718	6256825	6261270	0.27	cps
Indium	115-2	263063	262964	244689	256905	4.12	cps
Iron	56-2	617766	613970	618406	616714	0.39	cps
Iron	57-2	15281	15726	15726	15578	1.65	cps
Krypton	83-1	343	370	400	371	7.64	cps
Lead	207-1	1402860	1407067	1397442	1402457	0.34	cps
Lead	208-1	6532700	6562407	6488669	6527925	0.57	cps
Lead	206-1	1595094	1602861	1599117	1599024	0.24	cps
Lithium	6-1	1111886	1107468	1131868	1117074	1.16	cps
Magnesium	24-2	37392	37626	38829	37949	2.03	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:17:33	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25313	25620	25594	25509	0.67	cps
Molybdenum	94-1	658	892	592	714	22.07	cps
Molybdenum	95-1	450	333	492	425	19.31	cps
Molybdenum	96-1	592	492	483	522	11.54	cps
Molybdenum	97-1	275	225	242	247	10.30	cps
Molybdenum	98-1	558	592	450	533	13.89	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	59540	59506	60290	59779	0.74	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	34143	33616	34468	34076	1.26	cps
Rhodium	103-1	5928929	5845683	5969400	5914671	1.07	cps
Rhodium	103-2	1553667	1568624	1440806	1521032	4.59	cps
Scandium	45-1	3578408	3431428	3542725	3517520	2.18	cps
Scandium	45-2	25310	24996	23173	24493	4.71	cps
Selenium	77-2	120	117	150	129	14.24	cps
Selenium	78-2	639	587	565	597	6.37	cps
Selenium	82-1	30317	30361	29859	30179	0.92	cps
Silicon	28-1	209587	206162	208282	208010	0.83	cps
Silver	109-1	1144896	1141652	1150903	1145817	0.41	cps
Silver	107-1	1189348	1193284	1195010	1192547	0.24	cps
Sodium	23-2	141969	141279	139577	140942	0.87	cps
Strontium	86-1	7169	6860	6827	6952	2.71	cps
Strontium	88-1	56953	56627	56158	56580	0.71	cps
Sulfur	34-1	327840	328362	328572	328258	0.11	cps
Terbium	159-1	8527235	8510717	8563950	8533967	0.32	cps
Terbium	159-2	1676251	1702182	1585668	1654700	3.70	cps
Thallium	203-1	2038248	2006450	2028930	2024542	0.81	cps
Thallium	205-1	4780992	4763105	4750876	4764991	0.32	cps
Tin	118-1	1058	900	800	920	14.17	cps
Titanium	47-1	117	117	183	139	27.71	cps
Uranium	238-1	50	33	42	42	20.00	cps
Vanadium	51-2	64836	64223	65265	64775	0.81	cps
Yttrium	89-1	6424442	6335726	6395007	6385058	0.71	cps
Yttrium	89-2	190141	190671	177736	186183	3.93	cps
Zinc	66-2	33932	32956	33765	33551	1.56	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:17:33	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1350	1275	1328	3.46	cps
Zirconium	91-1	517	458	475	483	6.22	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	148	145	148	1.69	cps
Antimony	121-1	25600	25375	24574	25183	2.14	cps
Arsenic	75-1	2634	2859	2992	2828	6.41	cps
Barium	135-1	21652	21844	22161	21886	1.18	cps
Barium	137-1	37813	38165	39050	38343	1.66	cps
Beryllium	9-1	1645	1550	1561	1585	3.26	cps
Bismuth	209-1	5715909	5825492	5849115	5796839	1.23	cps
Bismuth	209-2	1450834	1459380	1479102	1463106	0.99	cps
Boron	11-1	19831	20565	21300	20565	3.57	cps
Boron	10-1	4309	4134	4693	4379	6.52	cps
Cadmium	106-1	1750	1583	1650	1661	5.05	cps
Cadmium	108-1	200	263	179	214	20.28	cps
Cadmium	111-1	3331	3146	3505	3327	5.40	cps
Calcium	43-1	10788	10996	10755	10846	1.21	cps
Calcium	44-1	186068	187342	186659	186690	0.34	cps
Chromium	52-2	2100	2407	2380	2296	7.40	cps
Cobalt	59-2	2034	2014	1937	1995	2.56	cps
Copper	63-2	3707	3634	3664	3668	1.01	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	8205513	8340090	8273304	8272969	0.81	cps
Holmium	165-2	1745572	1744964	1735432	1741989	0.33	cps
Indium	115-1	6209323	6304132	6276672	6263376	0.78	cps
Indium	115-2	264856	267395	265845	266032	0.48	cps
Iron	56-2	31269	31319	30862	31150	0.80	cps
Iron	57-2	744	828	806	793	5.44	cps
Krypton	83-1	363	350	403	372	7.46	cps
Lead	207-1	7313	7225	7241	7260	0.65	cps
Lead	208-1	33991	32823	33324	33379	1.76	cps
Lead	206-1	8208	8292	8353	8284	0.88	cps
Lithium	6-1	1110034	1138730	1121914	1123560	1.28	cps
Magnesium	24-2	15000	15693	14842	15178	2.98	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257	263	300	273	8.54	cps
Molybdenum	94-1	18038	17295	17162	17498	2.70	cps
Molybdenum	95-1	21343	22862	21618	21941	3.69	cps
Molybdenum	96-1	24414	23772	24064	24083	1.34	cps
Molybdenum	97-1	13908	14033	13983	13975	0.45	cps
Molybdenum	98-1	35673	35506	35489	35556	0.29	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1077	1057	997	1043	3.99	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9954	9462	9820	9745	2.61	cps
Rhodium	103-1	5895017	5905677	5961023	5920572	0.60	cps
Rhodium	103-2	1551077	1576748	1578059	1568628	0.97	cps
Scandium	45-1	3455186	3475673	3533577	3488145	1.17	cps
Scandium	45-2	25400	25193	25650	25414	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	17	17	19	17.30	cps
Selenium	82-1	771	815	657	748	10.92	cps
Silicon	28-1	268862	266188	267095	267382	0.51	cps
Silver	109-1	11255	11280	10755	11097	2.67	cps
Silver	107-1	11847	12765	11555	12056	5.24	cps
Sodium	23-2	39572	38144	38712	38809	1.85	cps
Strontium	86-1	3326	3551	3117	3331	6.51	cps
Strontium	88-1	23738	23955	24781	24158	2.28	cps
Sulfur	34-1	329826	330380	329665	329957	0.11	cps
Terbium	159-1	8461174	8560431	8534336	8518647	0.60	cps
Terbium	159-2	1701315	1719616	1699696	1706876	0.65	cps
Thallium	203-1	9904	9512	9696	9704	2.02	cps
Thallium	205-1	23481	23489	23690	23553	0.50	cps
Tin	118-1	37771	37487	36977	37412	1.08	cps
Titanium	47-1	5476	5426	4951	5285	5.49	cps
Uranium	238-1	31190	30530	30681	30800	1.12	cps
Vanadium	51-2	3054	3017	2970	3014	1.39	cps
Yttrium	89-1	6413112	6347485	6426555	6395717	0.66	cps
Yttrium	89-2	190986	193521	192091	192199	0.66	cps
Zinc	66-2	410	430	377	406	6.64	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:21:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14550	14959	14825	14778	1.41	cps
Zirconium	91-1	3592	2900	3301	3264	10.64	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:25:03 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	13	13	13	0.00	cps
Antimony	121-1	1292	1525	1458	1425	8.43	cps
Arsenic	75-1	167	175	208	183	12.03	cps
Barium	135-1	50	42	67	53	24.12	cps
Barium	137-1	33	42	42	39	12.38	cps
Beryllium	9-1	244	150	178	191	25.45	cps
Bismuth	209-1	5762527	5770398	5907562	5813496	1.40	cps
Bismuth	209-2	1441897	1438711	1451538	1444049	0.46	cps
Boron	11-1	3851	3851	3426	3709	6.62	cps
Boron	10-1	692	617	825	711	14.84	cps
Cadmium	106-1	1425	1392	1433	1417	1.56	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	994	996	1016	1002	1.17	cps
Calcium	43-1	383	325	375	361	8.74	cps
Calcium	44-1	11689	12097	11714	11833	1.94	cps
Chromium	52-2	450	387	407	414	7.81	cps
Cobalt	59-2	30	53	70	51	39.31	cps
Copper	63-2	293	293	220	269	15.75	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	8192829	8171011	8352698	8238846	1.20	cps
Holmium	165-2	1729150	1730990	1733017	1731052	0.11	cps
Indium	115-1	6216422	6258913	6348477	6274604	1.07	cps
Indium	115-2	260319	261960	263216	261832	0.55	cps
Iron	56-2	956	1300	1128	1128	15.27	cps
Iron	57-2	67	44	39	50	29.40	cps
Krypton	83-1	380	373	420	391	6.45	cps
Lead	207-1	394	350	422	389	9.37	cps
Lead	208-1	1639	1739	1800	1726	4.71	cps
Lead	206-1	383	489	444	439	12.08	cps
Lithium	6-1	1122160	1118336	1139503	1126667	1.00	cps
Magnesium	24-2	383	425	350	386	9.73	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:25:03 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	23	43	39	35.69	cps
Molybdenum	94-1	250	458	300	336	32.36	cps
Molybdenum	95-1	233	225	250	236	5.39	cps
Molybdenum	96-1	225	217	250	231	7.52	cps
Molybdenum	97-1	133	158	67	119	39.67	cps
Molybdenum	98-1	325	267	217	269	20.12	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	390	373	361	10.13	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2234	2584	2434	2417	7.27	cps
Rhodium	103-1	5903322	5897847	5988634	5929934	0.86	cps
Rhodium	103-2	1549515	1554700	1560908	1555041	0.37	cps
Scandium	45-1	3471536	3488491	3531122	3497050	0.88	cps
Scandium	45-2	24725	25079	25350	25051	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	22	-10	-73	-20	-238.82	cps
Silicon	28-1	201826	201907	262978	222237	15.88	cps
Silver	109-1	133	58	108	100	38.19	cps
Silver	107-1	75	125	83	94	28.37	cps
Sodium	23-2	5876	5726	5935	5846	1.84	cps
Strontium	86-1	767	592	725	694	13.16	cps
Strontium	88-1	158	150	75	128	35.92	cps
Sulfur	34-1	330601	335199	333527	333109	0.70	cps
Terbium	159-1	8524092	8568841	8604182	8565705	0.47	cps
Terbium	159-2	1667851	1676734	1677628	1674071	0.32	cps
Thallium	203-1	417	517	567	500	15.28	cps
Thallium	205-1	1183	1208	1375	1256	8.30	cps
Tin	118-1	767	958	850	858	11.20	cps
Titanium	47-1	167	167	142	158	9.12	cps
Uranium	238-1	33	17	17	22	43.28	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	6345041	6371294	6445166	6387167	0.81	cps
Yttrium	89-2	188329	190497	189913	189580	0.59	cps
Zinc	66-2	97	77	57	77	26.09	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:25:03	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875	775	667	772	13.49	cps
Zirconium	91-1	108	200	133	147	32.19	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:28:27 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	561788	554695	554290	556924	0.76	cps
Antimony	121-1	12882	13516	13215	13204	2.40	cps
Arsenic	75-1	3501	3567	4109	3726	8.96	cps
Barium	135-1	3559	3642	3117	3440	8.21	cps
Barium	137-1	6218	6127	6444	6263	2.60	cps
Beryllium	9-1	489	439	467	465	5.39	cps
Bismuth	209-1	5684264	5783694	5707433	5725130	0.91	cps
Bismuth	209-2	1294670	1354413	1362193	1337092	2.76	cps
Boron	11-1	4034	4201	4168	4134	2.13	cps
Boron	10-1	950	900	892	914	3.45	cps
Cadmium	106-1	1300	1375	1342	1339	2.81	cps
Cadmium	108-1	1446	1350	1483	1427	4.82	cps
Cadmium	111-1	1661	1747	1630	1679	3.60	cps
Calcium	43-1	2139539	2138423	2134622	2137528	0.12	cps
Calcium	44-1	34226996	34333184	34288538	34282906	0.16	cps
Chromium	52-2	19053	18442	19123	18873	1.98	cps
Cobalt	59-2	2410	2310	2327	2349	2.28	cps
Copper	63-2	12189	12446	12472	12369	1.27	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Dysprosium	156-2	10	27	13	17	52.93	cps
Erbium	164-1	100	92	83	92	9.09	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	108	58	75	81	31.60	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	8318563	8410564	8360749	8363292	0.55	cps
Holmium	165-2	1601230	1707530	1693276	1667345	3.46	cps
Indium	115-1	5947512	6076511	5993962	6005995	1.09	cps
Indium	115-2	227673	237332	237919	234308	2.46	cps
Iron	56-2	54466933	53861105	53859976	54062672	0.65	cps
Iron	57-2	1416405	1367663	1368592	1384220	2.01	cps
Krypton	83-1	353	353	420	376	10.25	cps
Lead	207-1	31050	30331	30843	30741	1.20	cps
Lead	208-1	145857	144493	144498	144949	0.54	cps
Lead	206-1	39328	38286	38136	38583	1.68	cps
Lithium	6-1	1038632	1048091	1052316	1046346	0.67	cps
Magnesium	24-2	2737391	2759777	2751082	2749417	0.41	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:28:27	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1914	1770	1870	1851	3.97	cps
Molybdenum	94-1	4950865	4955734	4962965	4956522	0.12	cps
Molybdenum	95-1	8621145	8529609	8622028	8590927	0.62	cps
Molybdenum	96-1	9238119	9223199	9280431	9247250	0.32	cps
Molybdenum	97-1	5456140	5446118	5457209	5453156	0.11	cps
Molybdenum	98-1	13948918	14059313	14033345	14013859	0.41	cps
Neodymium	150-1	60	53	40	51	19.92	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	4514	4214	4537	4422	4.08	cps
Phosphorus	31-2	39180	37985	37743	38303	2.01	cps
Potassium	39-2	1427661	1412478	1390354	1410164	1.33	cps
Rhodium	103-1	5398659	5472505	5431920	5434362	0.68	cps
Rhodium	103-2	1328706	1389258	1385953	1367972	2.49	cps
Scandium	45-1	3150200	3248450	3226450	3208367	1.61	cps
Scandium	45-2	20799	22047	22154	21667	3.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	16	26	12	18	39.31	cps
Silicon	28-1	306137	303362	305984	305161	0.51	cps
Silver	109-1	683	783	792	753	8.01	cps
Silver	107-1	708	783	950	814	15.20	cps
Sodium	23-2	6100547	6122530	6096409	6106495	0.23	cps
Strontium	86-1	93553	93813	93797	93721	0.16	cps
Strontium	88-1	804039	797893	811784	804572	0.87	cps
Sulfur	34-1	2745649	2734512	2722300	2734154	0.43	cps
Terbium	159-1	8562555	8682739	8627522	8624272	0.70	cps
Terbium	159-2	1565856	1617633	1635898	1606462	2.26	cps
Thallium	203-1	750	958	858	856	12.18	cps
Thallium	205-1	2084	2284	2750	2373	14.42	cps
Tin	118-1	2184	2150	2150	2161	0.89	cps
Titanium	47-1	2115670	2109755	2137657	2121027	0.69	cps
Uranium	238-1	842	758	808	803	5.23	cps
Vanadium	51-2	100	73	110	94	20.07	cps
Yttrium	89-1	6049739	6153397	6109662	6104266	0.85	cps
Yttrium	89-2	165122	172461	172713	170098	2.53	cps
Zinc	66-2	1830	1890	1900	1873	2.02	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:28:27	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4951	4251	3801	4334	13.38	cps
Zirconium	91-1	1133	1017	817	989	16.20	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	538090	533194	533372	534885	0.52	cps
Antimony	121-1	218771	222244	221456	220824	0.82	cps
Arsenic	75-1	54568	53563	53730	53954	1.00	cps
Barium	135-1	48933	48281	49569	48927	1.32	cps
Barium	137-1	86391	86331	86424	86382	0.06	cps
Beryllium	9-1	25918	25100	25512	25510	1.60	cps
Bismuth	209-1	5856392	5872005	5846833	5858410	0.22	cps
Bismuth	209-2	1407459	1376308	1360512	1381426	1.73	cps
Boron	11-1	428687	423109	418488	423428	1.21	cps
Boron	10-1	87366	87718	86050	87044	1.01	cps
Cadmium	106-1	5835	5460	5618	5638	3.34	cps
Cadmium	108-1	4701	4630	4530	4620	1.86	cps
Cadmium	111-1	47822	47032	48070	47641	1.14	cps
Calcium	43-1	2106226	2069580	2085130	2086978	0.88	cps
Calcium	44-1	33855083	33472761	33436457	33588100	0.69	cps
Chromium	52-2	36204	35271	35011	35495	1.77	cps
Cobalt	59-2	35963	36976	35976	36305	1.60	cps
Copper	63-2	42228	41669	41689	41862	0.76	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	108	108	75	97	19.80	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	125	100	75	100	25.00	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	8606590	8674349	8584848	8621929	0.54	cps
Holmium	165-2	1748203	1725919	1694437	1722853	1.57	cps
Indium	115-1	6095679	6135047	6109400	6113375	0.33	cps
Indium	115-2	241466	235662	232861	236663	1.85	cps
Iron	56-2	52226078	52075515	51819682	52040425	0.39	cps
Iron	57-2	1330293	1310764	1320892	1320650	0.74	cps
Krypton	83-1	440	357	403	400	10.44	cps
Lead	207-1	163405	164046	162308	163253	0.54	cps
Lead	208-1	764311	763944	758929	762394	0.39	cps
Lead	206-1	196716	194314	195260	195430	0.62	cps
Lithium	6-1	1047142	1056711	1057893	1053915	0.56	cps
Magnesium	24-2	2653462	2647173	2620961	2640532	0.65	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6068	6552	6602	6407	4.60	cps
Molybdenum	94-1	6039992	5998060	5996509	6011520	0.41	cps
Molybdenum	95-1	10664477	10435422	10503372	10534424	1.12	cps
Molybdenum	96-1	11341049	11316121	11226891	11294687	0.53	cps
Molybdenum	97-1	6687290	6653075	6644350	6661572	0.34	cps
Molybdenum	98-1	17003483	17119337	16925768	17016196	0.57	cps
Neodymium	150-1	60	33	47	47	28.58	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	15395	15098	15352	15282	1.05	cps
Phosphorus	31-2	36097	36607	36791	36498	0.98	cps
Potassium	39-2	1366393	1368152	1344563	1359703	0.97	cps
Rhodium	103-1	5601563	5607875	5528079	5579172	0.80	cps
Rhodium	103-2	1435165	1393459	1391433	1406686	1.75	cps
Scandium	45-1	3289230	3317710	3289331	3298757	0.50	cps
Scandium	45-2	22822	21760	21737	22107	2.80	cps
Selenium	77-2	27	17	3	16	75.27	cps
Selenium	78-2	48	56	43	49	13.34	cps
Selenium	82-1	2700	2847	2727	2758	2.85	cps
Silicon	28-1	2107939	2078801	2064322	2083687	1.07	cps
Silver	109-1	201919	199853	201301	201024	0.53	cps
Silver	107-1	212482	212391	211491	212121	0.26	cps
Sodium	23-2	5873100	5886379	5851193	5870224	0.30	cps
Strontium	86-1	92630	90206	91153	91330	1.34	cps
Strontium	88-1	800804	786578	786630	791337	1.04	cps
Sulfur	34-1	2679633	2647891	2649402	2658975	0.67	cps
Terbium	159-1	8795425	8790566	8714584	8766858	0.52	cps
Terbium	159-2	1695253	1660423	1644860	1666845	1.55	cps
Thallium	203-1	193581	190837	190443	191620	0.89	cps
Thallium	205-1	461085	463675	462020	462260	0.28	cps
Tin	118-1	3608866	3597987	3567539	3591464	0.60	cps
Titanium	47-1	2575900	2575502	2540255	2563886	0.80	cps
Uranium	238-1	892	733	767	797	10.47	cps
Vanadium	51-2	11215	10958	11331	11168	1.71	cps
Yttrium	89-1	6279716	6280222	6258973	6272970	0.19	cps
Yttrium	89-2	178249	173399	171499	174382	2.00	cps
Zinc	66-2	4588	4571	4631	4596	0.67	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:36:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5001	4376	4109	4495	10.18	cps
Zirconium	91-1	1358	958	892	1070	23.60	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328766	328040	325319	327375	0.56	cps
Antimony	121-1	5420079	5522994	5466666	5469913	0.94	cps
Arsenic	75-1	1251778	1259847	1263102	1258242	0.46	cps
Barium	135-1	5815934	5859946	5779616	5818499	0.69	cps
Barium	137-1	10108388	10161821	10194328	10154846	0.43	cps
Beryllium	9-1	644522	645392	652246	647387	0.65	cps
Bismuth	209-1	5647717	5683996	5652909	5661541	0.35	cps
Bismuth	209-2	1335496	1380628	1314383	1343502	2.52	cps
Boron	11-1	358668	368244	378591	368501	2.70	cps
Boron	10-1	73480	75222	76973	75225	2.32	cps
Cadmium	106-1	122671	124806	123687	123721	0.86	cps
Cadmium	108-1	83729	85159	83649	84179	1.01	cps
Cadmium	111-1	1169979	1180147	1175762	1175296	0.43	cps
Calcium	43-1	5240918	5254076	5224832	5239942	0.28	cps
Calcium	44-1	85478016	86447319	85664012	85863116	0.60	cps
Chromium	52-2	418684	417694	417461	417946	0.16	cps
Cobalt	59-2	888740	888223	890799	889254	0.15	cps
Copper	63-2	1543787	1506338	1515462	1521862	1.28	cps
Dysprosium	156-1	175	83	108	122	38.77	cps
Dysprosium	156-2	10	20	17	16	32.73	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	108	75	50	78	37.63	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	8298737	8471765	8376626	8382376	1.03	cps
Holmium	165-2	1688397	1735543	1661271	1695070	2.22	cps
Indium	115-1	5835221	5962214	5885406	5894281	1.09	cps
Indium	115-2	233940	240764	231653	235453	2.01	cps
Iron	56-2	68548992	68588136	68661256	68599461	0.08	cps
Iron	57-2	1754353	1762861	1762843	1760019	0.28	cps
Krypton	83-1	340	287	360	329	11.53	cps
Lead	207-1	3605899	3629154	3623853	3619636	0.34	cps
Lead	208-1	16102934	16044236	16133536	16093569	0.28	cps
Lead	206-1	3943924	3936241	3921138	3933768	0.29	cps
Lithium	6-1	1024383	1031308	1036292	1030661	0.58	cps
Magnesium	24-2	6796589	6751950	6821994	6790178	0.52	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237267	235324	237660	236750	0.53	cps
Molybdenum	94-1	8981218	9108078	9100769	9063355	0.79	cps
Molybdenum	95-1	11124823	11131210	11157022	11137685	0.15	cps
Molybdenum	96-1	12437208	12381425	12445491	12421374	0.28	cps
Molybdenum	97-1	6961873	6968369	6988364	6972869	0.20	cps
Molybdenum	98-1	18025841	17898318	17899362	17941173	0.41	cps
Neodymium	150-1	347	367	293	336	11.30	cps
Neodymium	150-2	0	3	20	8	137.80	cps
Nickel	60-2	267328	264709	267300	266446	0.56	cps
Phosphorus	31-2	4026	4192	4076	4098	2.09	cps
Potassium	39-2	1809203	1803512	1799897	1804204	0.26	cps
Rhodium	103-1	5339977	5391036	5330112	5353708	0.61	cps
Rhodium	103-2	1363668	1397628	1349476	1370257	1.81	cps
Scandium	45-1	3234927	3301079	3238096	3258034	1.15	cps
Scandium	45-2	22869	23787	22568	23075	2.75	cps
Selenium	77-2	433	347	350	377	13.04	cps
Selenium	78-2	1189	1245	1219	1217	2.28	cps
Selenium	82-1	68944	69267	68851	69020	0.32	cps
Silicon	28-1	2285416	2292120	2295070	2290868	0.22	cps
Silver	109-1	5375396	5385054	5318614	5359688	0.67	cps
Silver	107-1	5620771	5625125	5551930	5599275	0.73	cps
Sodium	23-2	15360769	15408458	15375868	15381698	0.16	cps
Strontium	86-1	1370430	1375277	1369462	1371723	0.23	cps
Strontium	88-1	11975559	11940585	11965521	11960555	0.15	cps
Sulfur	34-1	601312	598083	601901	600432	0.34	cps
Terbium	159-1	8593371	8640554	8533821	8589248	0.62	cps
Terbium	159-2	1617203	1686551	1594311	1632688	2.94	cps
Thallium	203-1	4892399	4855317	4919298	4889005	0.66	cps
Thallium	205-1	11437183	11457230	11509656	11468023	0.33	cps
Tin	118-1	3739387	3773403	3757736	3756842	0.45	cps
Titanium	47-1	2653038	2665952	2680178	2666389	0.51	cps
Uranium	238-1	16644684	16673507	16777830	16698673	0.42	cps
Vanadium	51-2	299250	299806	298721	299259	0.18	cps
Yttrium	89-1	6081929	6236224	6079837	6132663	1.46	cps
Yttrium	89-2	173533	177986	172885	174801	1.59	cps
Zinc	66-2	142846	145016	143381	143748	0.79	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:39:44	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7527326	7681038	7550434	7586266	1.09	cps
Zirconium	91-1	1707493	1706603	1726237	1713444	0.65	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	23	23	22	6.66	cps
Antimony	121-1	11981	11389	10897	11422	4.75	cps
Arsenic	75-1	600	542	458	533	13.35	cps
Barium	135-1	267	292	142	233	34.44	cps
Barium	137-1	592	358	233	394	46.11	cps
Beryllium	9-1	433	428	372	411	8.22	cps
Bismuth	209-1	6011789	6036682	6103489	6050653	0.78	cps
Bismuth	209-2	1467266	1438609	1456922	1454266	1.00	cps
Boron	11-1	15175	12948	13198	13774	8.86	cps
Boron	10-1	3059	2784	2817	2887	5.20	cps
Cadmium	106-1	1400	1592	1584	1525	7.10	cps
Cadmium	108-1	13	17	42	24	66.81	cps
Cadmium	111-1	1117	1190	1163	1157	3.18	cps
Calcium	43-1	442	483	400	442	9.44	cps
Calcium	44-1	16127	15109	13482	14906	8.95	cps
Chromium	52-2	440	423	413	426	3.17	cps
Cobalt	59-2	73	53	53	60	19.25	cps
Copper	63-2	367	443	340	383	13.99	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	8546060	8458378	8556223	8520220	0.63	cps
Holmium	165-2	1754470	1726809	1733680	1738320	0.83	cps
Indium	115-1	6341488	6209339	6343370	6298065	1.22	cps
Indium	115-2	252965	250847	252961	252257	0.48	cps
Iron	56-2	4645	4384	4117	4382	6.02	cps
Iron	57-2	117	117	139	124	10.34	cps
Krypton	83-1	367	387	353	369	4.55	cps
Lead	207-1	767	722	733	741	3.12	cps
Lead	208-1	3878	3450	3578	3636	6.04	cps
Lead	206-1	906	900	872	893	2.00	cps
Lithium	6-1	1099156	1072064	1090778	1087332	1.28	cps
Magnesium	24-2	492	608	567	556	10.64	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	40	37	43	20.34	cps
Molybdenum	94-1	4017	3617	2959	3531	15.14	cps
Molybdenum	95-1	4976	4418	3776	4390	13.68	cps
Molybdenum	96-1	5676	4776	4284	4912	14.37	cps
Molybdenum	97-1	3592	2700	2542	2945	19.23	cps
Molybdenum	98-1	8203	6652	6777	7211	11.95	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	453	413	453	440	5.25	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2517	2725	2625	2623	3.97	cps
Rhodium	103-1	5858316	5679180	5919188	5818895	2.14	cps
Rhodium	103-2	1497591	1485534	1492851	1491992	0.41	cps
Scandium	45-1	3365022	3283997	3350667	3333229	1.30	cps
Scandium	45-2	22785	22515	23143	22814	1.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	17	-20	20	6	397.10	cps
Silicon	28-1	196755	191933	191499	193396	1.51	cps
Silver	109-1	667	783	525	658	19.65	cps
Silver	107-1	925	858	708	831	13.36	cps
Sodium	23-2	9103	8286	8194	8528	5.87	cps
Strontium	86-1	692	617	750	686	9.74	cps
Strontium	88-1	867	542	567	658	27.47	cps
Sulfur	34-1	304731	300559	301842	302377	0.71	cps
Terbium	159-1	8741892	8549394	8739950	8677079	1.27	cps
Terbium	159-2	1683930	1645865	1661028	1663608	1.15	cps
Thallium	203-1	1792	1842	1592	1742	7.60	cps
Thallium	205-1	4751	4476	3876	4368	10.25	cps
Tin	118-1	3051	2867	3902	3273	16.88	cps
Titanium	47-1	283	283	267	278	3.46	cps
Uranium	238-1	1083	817	700	867	22.67	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	6258126	6205270	6355136	6272844	1.21	cps
Yttrium	89-2	178118	178397	178766	178427	0.18	cps
Zinc	66-2	77	67	67	70	8.25	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:42:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2292	2259	2159	2236	3.10	cps
Zirconium	91-1	483	542	558	528	7.46	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 13:46:19 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	163	165	167	3.13	cps
Antimony	121-1	24248	22929	24198	23792	3.14	cps
Arsenic	75-1	2759	2992	2809	2853	4.31	cps
Barium	135-1	21752	22077	21894	21908	0.75	cps
Barium	137-1	39510	39034	39443	39329	0.66	cps
Beryllium	9-1	1572	1683	1589	1615	3.71	cps
Bismuth	209-1	6040315	6089471	5702170	5943985	3.55	cps
Bismuth	209-2	1443083	1445953	1448033	1445690	0.17	cps
Boron	11-1	23144	23145	24238	23509	2.69	cps
Boron	10-1	4584	4993	4726	4768	4.35	cps
Cadmium	106-1	1775	1750	1734	1753	1.20	cps
Cadmium	108-1	175	225	142	181	23.23	cps
Cadmium	111-1	3408	3560	3302	3423	3.78	cps
Calcium	43-1	10379	10379	10555	10438	0.97	cps
Calcium	44-1	179144	181746	181122	180671	0.75	cps
Chromium	52-2	2194	2040	2097	2110	3.67	cps
Cobalt	59-2	1877	1857	1944	1892	2.40	cps
Copper	63-2	3594	3601	3334	3509	4.33	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	8459568	8500974	7924456	8295000	3.88	cps
Holmium	165-2	1740603	1728533	1701995	1723710	1.15	cps
Indium	115-1	6214800	6286752	5888560	6130037	3.46	cps
Indium	115-2	255423	249778	252230	252477	1.12	cps
Iron	56-2	30756	31035	29810	30534	2.10	cps
Iron	57-2	761	717	756	744	3.25	cps
Krypton	83-1	360	347	340	349	2.92	cps
Lead	207-1	7553	7897	7286	7578	4.04	cps
Lead	208-1	34798	35293	35026	35039	0.71	cps
Lead	206-1	8503	8375	8831	8570	2.74	cps
Lithium	6-1	1083294	1100340	1040672	1074769	2.86	cps
Magnesium	24-2	14683	15242	14416	14781	2.85	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:46:19	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	303	303	280	14.43	cps
Molybdenum	94-1	19740	19865	18680	19429	3.35	cps
Molybdenum	95-1	23505	23505	23338	23449	0.41	cps
Molybdenum	96-1	25976	25642	25041	25553	1.85	cps
Molybdenum	97-1	14433	14492	14233	14386	0.94	cps
Molybdenum	98-1	37837	37252	37018	37369	1.13	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	957	1010	897	954	5.94	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	9612	9370	9529	9504	1.29	cps
Rhodium	103-1	5896101	5846592	5536033	5759575	3.39	cps
Rhodium	103-2	1490676	1496466	1496443	1494528	0.22	cps
Scandium	45-1	3345919	3317693	3131292	3264968	3.57	cps
Scandium	45-2	23146	23193	22872	23070	0.75	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	19	13	4	12	63.84	cps
Selenium	82-1	713	634	788	712	10.88	cps
Silicon	28-1	245601	246657	247883	246714	0.46	cps
Silver	109-1	11305	11472	11055	11277	1.86	cps
Silver	107-1	11505	11180	11847	11511	2.90	cps
Sodium	23-2	37902	38236	37684	37940	0.73	cps
Strontium	86-1	3301	3159	3317	3259	2.67	cps
Strontium	88-1	23964	24114	23980	24019	0.34	cps
Sulfur	34-1	303196	306593	306313	305367	0.62	cps
Terbium	159-1	8670597	8749325	8163488	8527803	3.73	cps
Terbium	159-2	1677047	1667643	1662761	1669150	0.44	cps
Thallium	203-1	10897	11014	9929	10613	5.61	cps
Thallium	205-1	25368	24750	24692	24937	1.50	cps
Tin	118-1	37404	37387	37353	37381	0.07	cps
Titanium	47-1	5451	5185	5351	5329	2.53	cps
Uranium	238-1	32268	33062	33321	32883	1.67	cps
Vanadium	51-2	2900	2960	3117	2993	3.74	cps
Yttrium	89-1	6270420	6289343	5896349	6152037	3.60	cps
Yttrium	89-2	179465	179341	179434	179413	0.04	cps
Zinc	66-2	427	453	467	449	4.54	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 13:46:19	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18004	17787	17362	17718	1.84	cps
Zirconium	91-1	3817	3751	4126	3898	5.13	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330074	328837	334408	331106	0.88	cps
Antimony	121-1	5467114	5495957	5478128	5480400	0.27	cps
Arsenic	75-1	1257701	1253165	1262940	1257935	0.39	cps
Barium	135-1	5797854	5866899	5803524	5822759	0.66	cps
Barium	137-1	10155754	10182121	10148224	10162033	0.18	cps
Beryllium	9-1	659462	657126	659266	658618	0.20	cps
Bismuth	209-1	5780434	5678920	5705023	5721459	0.92	cps
Bismuth	209-2	1349633	1347349	1379801	1358928	1.33	cps
Boron	11-1	372389	385675	392494	383519	2.67	cps
Boron	10-1	75515	77760	80459	77912	3.18	cps
Cadmium	106-1	127153	126749	124915	126272	0.94	cps
Cadmium	108-1	85129	86249	85322	85567	0.70	cps
Cadmium	111-1	1174583	1174091	1179305	1175993	0.24	cps
Calcium	43-1	5303191	5300715	5273972	5292626	0.31	cps
Calcium	44-1	86113521	86519842	86653600	86428987	0.33	cps
Chromium	52-2	415422	417068	421712	418067	0.78	cps
Cobalt	59-2	887692	891889	893861	891147	0.35	cps
Copper	63-2	1512025	1511138	1543034	1522066	1.19	cps
Dysprosium	156-1	100	100	100	100	0.01	cps
Dysprosium	156-2	27	10	10	16	61.87	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	100	83	42	75	40.06	cps
Gadolinium	160-2	17	30	20	22	31.22	cps
Holmium	165-1	8627434	8467923	8496191	8530516	1.00	cps
Holmium	165-2	1724036	1730764	1734083	1729628	0.30	cps
Indium	115-1	6036412	5944569	5905014	5961998	1.13	cps
Indium	115-2	237468	235978	240859	238102	1.05	cps
Iron	56-2	68660593	68919554	69052181	68877443	0.29	cps
Iron	57-2	1786062	1783488	1778562	1782704	0.21	cps
Krypton	83-1	337	363	407	369	9.58	cps
Lead	207-1	3610820	3619624	3611362	3613935	0.14	cps
Lead	208-1	16121269	16137936	16206094	16155100	0.28	cps
Lead	206-1	3971584	3941230	3960077	3957630	0.39	cps
Lithium	6-1	1047016	1056390	1059516	1054307	0.62	cps
Magnesium	24-2	6852872	6850410	6957533	6886938	0.89	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	236588	238520	239994	238367	0.72	cps
Molybdenum	94-1	9107063	9122608	9098358	9109343	0.13	cps
Molybdenum	95-1	11082400	11154648	11241915	11159655	0.72	cps
Molybdenum	96-1	12415741	12381820	12421568	12406376	0.17	cps
Molybdenum	97-1	6976133	7019390	7047287	7014270	0.51	cps
Molybdenum	98-1	18078347	18090114	18005736	18058066	0.25	cps
Neodymium	150-1	353	253	333	313	16.89	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	266869	264566	265453	265629	0.44	cps
Phosphorus	31-2	4401	4176	4142	4240	3.32	cps
Potassium	39-2	1849166	1833433	1829379	1837326	0.57	cps
Rhodium	103-1	5463643	5366069	5348457	5392723	1.15	cps
Rhodium	103-2	1373172	1367992	1400700	1380622	1.27	cps
Scandium	45-1	3331606	3312520	3313463	3319196	0.32	cps
Scandium	45-2	22725	22835	23246	22936	1.20	cps
Selenium	77-2	370	363	380	371	2.26	cps
Selenium	78-2	1259	1315	1139	1238	7.27	cps
Selenium	82-1	68936	69235	69227	69133	0.25	cps
Silicon	28-1	2282104	2297366	2316594	2298688	0.75	cps
Silver	109-1	5379747	5364739	5340061	5361516	0.37	cps
Silver	107-1	5578469	5617949	5600315	5598911	0.35	cps
Sodium	23-2	15493928	15493183	15636867	15541326	0.53	cps
Strontium	86-1	1392225	1372821	1381630	1382225	0.70	cps
Strontium	88-1	11981918	12037997	11998025	12005980	0.24	cps
Sulfur	34-1	605173	608258	605308	606246	0.29	cps
Terbium	159-1	8814163	8729718	8651730	8731870	0.93	cps
Terbium	159-2	1659366	1643207	1683490	1662021	1.22	cps
Thallium	203-1	4921307	4912536	4913604	4915816	0.10	cps
Thallium	205-1	11650351	11543978	11525611	11573314	0.58	cps
Tin	118-1	3776492	3818043	3776962	3790499	0.63	cps
Titanium	47-1	2659554	2691814	2712007	2687792	0.98	cps
Uranium	238-1	16896177	16820865	16822636	16846559	0.26	cps
Vanadium	51-2	299931	300686	302839	301152	0.50	cps
Yttrium	89-1	6298727	6182774	6241928	6241143	0.93	cps
Yttrium	89-2	175181	175420	179221	176607	1.28	cps
Zinc	66-2	144917	144412	145554	144961	0.39	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:01:57	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7625380	7544298	7568889	7579523	0.55	cps
Zirconium	91-1	1724052	1723200	1723407	1723553	0.03	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	13	20	18	28.41	cps
Antimony	121-1	14075	12415	12398	12962	7.43	cps
Arsenic	75-1	367	358	367	364	1.32	cps
Barium	135-1	433	358	233	342	29.57	cps
Barium	137-1	817	458	400	558	40.41	cps
Beryllium	9-1	550	511	461	507	8.78	cps
Bismuth	209-1	6132736	6121104	6175884	6143242	0.47	cps
Bismuth	209-2	1469118	1465816	1478039	1470991	0.43	cps
Boron	11-1	18462	17428	15517	17136	8.72	cps
Boron	10-1	3617	3426	3342	3462	4.07	cps
Cadmium	106-1	1400	1517	1358	1425	5.76	cps
Cadmium	108-1	50	17	8	25	88.19	cps
Cadmium	111-1	1012	1183	1012	1069	9.27	cps
Calcium	43-1	650	642	425	572	22.29	cps
Calcium	44-1	16602	14817	13140	14853	11.66	cps
Chromium	52-2	370	407	410	396	5.61	cps
Cobalt	59-2	70	77	83	77	8.69	cps
Copper	63-2	360	320	357	346	6.42	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	33	83	64	41.93	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	8627412	8562965	8571157	8587178	0.41	cps
Holmium	165-2	1747192	1762024	1772881	1760699	0.73	cps
Indium	115-1	6410300	6364740	6366993	6380678	0.40	cps
Indium	115-2	256555	255120	257633	256436	0.49	cps
Iron	56-2	4512	4256	4151	4306	4.31	cps
Iron	57-2	150	78	83	104	38.76	cps
Krypton	83-1	370	403	373	382	4.80	cps
Lead	207-1	1322	1106	1017	1148	13.69	cps
Lead	208-1	5695	5267	4612	5191	10.51	cps
Lead	206-1	1333	1256	1139	1243	7.88	cps
Lithium	6-1	1125484	1136121	1107509	1123038	1.29	cps
Magnesium	24-2	483	567	475	508	9.97	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	27	60	43	38.46	cps
Molybdenum	94-1	3867	3559	3075	3501	11.40	cps
Molybdenum	95-1	5318	4543	3901	4587	15.47	cps
Molybdenum	96-1	5451	4618	4134	4734	14.07	cps
Molybdenum	97-1	3134	3117	2575	2942	10.80	cps
Molybdenum	98-1	8478	7719	6485	7561	13.30	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	353	390	303	349	12.47	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2567	2850	3067	2828	8.87	cps
Rhodium	103-1	5951788	5966384	5890585	5936253	0.68	cps
Rhodium	103-2	1515613	1519390	1511427	1515477	0.26	cps
Scandium	45-1	3371384	3440746	3364147	3392092	1.25	cps
Scandium	45-2	23453	23153	23593	23400	0.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	28	-19	22	10	256.91	cps
Silicon	28-1	196839	193003	190319	193387	1.69	cps
Silver	109-1	833	725	558	706	19.63	cps
Silver	107-1	692	792	667	717	9.23	cps
Sodium	23-2	8911	8686	8453	8684	2.64	cps
Strontium	86-1	692	583	533	603	13.43	cps
Strontium	88-1	1000	717	533	750	31.35	cps
Sulfur	34-1	309505	313607	309098	310737	0.80	cps
Terbium	159-1	8840270	8837009	8842254	8839844	0.03	cps
Terbium	159-2	1700048	1713054	1690271	1701124	0.67	cps
Thallium	203-1	2609	2417	2384	2470	4.92	cps
Thallium	205-1	6243	5526	5535	5768	7.14	cps
Tin	118-1	3459	3184	2917	3187	8.50	cps
Titanium	47-1	367	250	175	264	36.60	cps
Uranium	238-1	1442	983	858	1095	28.06	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	6435607	6370262	6353160	6386343	0.68	cps
Yttrium	89-2	181143	181344	182987	181825	0.56	cps
Zinc	66-2	53	110	67	77	38.65	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:05:08	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2900	2475	2309	2561	11.91	cps
Zirconium	91-1	508	575	442	508	13.12	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : PB113729BL Instrumnet Name : P8
 Client Sample ID : PB113729BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:21:12 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	13	10	13	20.00	cps
Antimony	121-1	883	783	808	825	6.31	cps
Arsenic	75-1	200	150	158	169	15.81	cps
Barium	135-1	33	50	17	33	50.00	cps
Barium	137-1	125	83	67	92	32.78	cps
Beryllium	9-1	300	294	250	281	9.74	cps
Bismuth	209-1	5796827	5882856	5874741	5851475	0.81	cps
Bismuth	209-2	1479007	1480727	1500025	1486586	0.79	cps
Boron	11-1	4292	4376	3692	4120	9.05	cps
Boron	10-1	850	892	858	867	2.54	cps
Cadmium	106-1	1308	1450	1442	1400	5.68	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Cadmium	111-1	917	1008	997	974	5.11	cps
Calcium	43-1	333	342	400	358	10.14	cps
Calcium	44-1	11455	11530	11380	11455	0.65	cps
Chromium	52-2	453	430	430	438	3.08	cps
Cobalt	59-2	37	30	57	41	33.76	cps
Copper	63-2	290	210	273	258	16.37	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8385424	8268867	8352979	8335757	0.72	cps
Holmium	165-2	1799890	1788485	1789790	1792722	0.35	cps
Indium	115-1	6397037	6356521	6377505	6377021	0.32	cps
Indium	115-2	270992	270231	275230	272151	0.99	cps
Iron	56-2	2739	2523	2656	2639	4.14	cps
Iron	57-2	78	83	67	76	11.18	cps
Krypton	83-1	383	343	390	372	6.78	cps
Lead	207-1	489	567	611	556	11.14	cps
Lead	208-1	2400	2584	2406	2463	4.23	cps
Lead	206-1	628	656	539	607	10.03	cps
Lithium	6-1	1125329	1129017	1107127	1120491	1.05	cps
Magnesium	24-2	425	450	508	461	9.27	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BL	Instrumnet Name :	P8
Client Sample ID :	PB113729BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:21:12	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	47	50	48	4.02	cps
Molybdenum	94-1	533	592	508	544	7.86	cps
Molybdenum	95-1	275	275	308	286	6.73	cps
Molybdenum	96-1	425	408	425	419	2.29	cps
Molybdenum	97-1	225	217	233	225	3.70	cps
Molybdenum	98-1	458	392	450	433	8.38	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	383	457	333	391	15.86	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2675	2525	2717	2639	3.82	cps
Rhodium	103-1	6102952	6043959	5971136	6039349	1.09	cps
Rhodium	103-2	1615367	1620198	1620216	1618594	0.17	cps
Scandium	45-1	3621872	3624709	3606005	3617529	0.28	cps
Scandium	45-2	25971	27186	26859	26672	2.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	4	26	-51	-7	-578.87	cps
Silicon	28-1	203869	202856	289855	232193	21.51	cps
Silver	109-1	100	142	167	136	24.74	cps
Silver	107-1	175	192	217	194	10.79	cps
Sodium	23-2	6910	6869	7244	7008	2.93	cps
Strontium	86-1	750	650	600	667	11.46	cps
Strontium	88-1	183	175	158	172	7.39	cps
Sulfur	34-1	294407	295532	295316	295085	0.20	cps
Terbium	159-1	8668387	8626192	8640286	8644955	0.25	cps
Terbium	159-2	1714262	1720402	1763728	1732797	1.56	cps
Thallium	203-1	367	358	267	331	16.79	cps
Thallium	205-1	950	1067	1175	1064	10.58	cps
Tin	118-1	1000	1125	1017	1047	6.48	cps
Titanium	47-1	75	133	92	100	30.05	cps
Uranium	238-1	58	17	42	39	53.93	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	6617829	6560797	6516050	6564892	0.78	cps
Yttrium	89-2	197087	200214	199075	198792	0.80	cps
Zinc	66-2	83	73	93	83	12.01	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BL	Instrumnet Name :	P8
Client Sample ID :	PB113729BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:21:12	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	933	858	897	4.19	cps
Zirconium	91-1	183	158	167	169	7.51	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61583	60766	61027	61125	0.68	cps
Antimony	121-1	5539413	5467125	5441444	5482661	0.93	cps
Arsenic	75-1	1270195	1265707	1258457	1264786	0.47	cps
Barium	135-1	5893361	5749158	5849794	5830771	1.27	cps
Barium	137-1	10215858	10065540	10100646	10127348	0.78	cps
Beryllium	9-1	659726	653945	648098	653923	0.89	cps
Bismuth	209-1	5909111	6015969	6043586	5989556	1.19	cps
Bismuth	209-2	1422347	1423040	1420660	1422015	0.09	cps
Boron	11-1	352182	362678	365357	360073	1.93	cps
Boron	10-1	72961	73606	75114	73894	1.50	cps
Cadmium	106-1	128189	125748	130198	128045	1.74	cps
Cadmium	108-1	86773	86945	87369	87029	0.35	cps
Cadmium	111-1	1206569	1206104	1205384	1206019	0.05	cps
Calcium	43-1	1084228	1082997	1078485	1081903	0.28	cps
Calcium	44-1	17859408	17712824	17578187	17716806	0.79	cps
Chromium	52-2	399862	397124	394830	397272	0.63	cps
Cobalt	59-2	887974	885470	882556	885334	0.31	cps
Copper	63-2	1581598	1584945	1577269	1581270	0.24	cps
Dysprosium	156-1	25	133	150	103	66.04	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	13	20	7	13	49.99	cps
Holmium	165-1	8490844	8677357	8521916	8563373	1.17	cps
Holmium	165-2	1754106	1721014	1749186	1741435	1.03	cps
Indium	115-1	6130101	6211223	6148531	6163285	0.69	cps
Indium	115-2	245457	245368	242268	244365	0.74	cps
Iron	56-2	13992658	13802811	13713900	13836456	1.03	cps
Iron	57-2	352368	348891	349515	350258	0.53	cps
Krypton	83-1	370	387	413	390	5.61	cps
Lead	207-1	3670721	3662965	3642153	3658613	0.40	cps
Lead	208-1	16270232	16243208	16261762	16258401	0.09	cps
Lead	206-1	3971116	3983103	4000546	3984921	0.37	cps
Lithium	6-1	1096068	1093713	1092551	1094110	0.16	cps
Magnesium	24-2	1445475	1448174	1442252	1445300	0.21	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	236677	232637	233609	234308	0.90	cps
Molybdenum	94-1	9035622	8980613	8915505	8977247	0.67	cps
Molybdenum	95-1	11136193	11095174	11066860	11099409	0.31	cps
Molybdenum	96-1	12360787	12308180	12365490	12344819	0.26	cps
Molybdenum	97-1	7009061	6944840	6952613	6968838	0.50	cps
Molybdenum	98-1	17933549	17853567	17928011	17905042	0.25	cps
Neodymium	150-1	253	287	187	242	21.02	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	263731	259514	260214	261153	0.87	cps
Phosphorus	31-2	4242	4209	4026	4159	2.81	cps
Potassium	39-2	359671	361708	356345	359241	0.75	cps
Rhodium	103-1	5688632	5726810	5704735	5706726	0.34	cps
Rhodium	103-2	1431257	1431485	1427804	1430182	0.14	cps
Scandium	45-1	3362108	3396594	3364835	3374512	0.57	cps
Scandium	45-2	22745	23009	23660	23138	2.03	cps
Selenium	77-2	360	373	310	348	9.60	cps
Selenium	78-2	1224	1187	1270	1227	3.40	cps
Selenium	82-1	70930	69953	69786	70223	0.88	cps
Silicon	28-1	2110015	2112396	2084446	2102285	0.74	cps
Silver	109-1	5546700	5572564	5548414	5555892	0.26	cps
Silver	107-1	5839218	5704489	5769064	5770924	1.17	cps
Sodium	23-2	3175293	3166506	3176263	3172687	0.17	cps
Strontium	86-1	1375373	1363199	1369477	1369350	0.44	cps
Strontium	88-1	11884316	11777776	11870479	11844190	0.49	cps
Sulfur	34-1	614591	603082	601944	606539	1.15	cps
Terbium	159-1	8668033	8938862	8788817	8798571	1.54	cps
Terbium	159-2	1698892	1687389	1649369	1678550	1.54	cps
Thallium	203-1	4956128	5002623	4933201	4963984	0.71	cps
Thallium	205-1	11639825	11609240	11603823	11617629	0.17	cps
Tin	118-1	3798080	3787628	3792565	3792758	0.14	cps
Titanium	47-1	2671360	2689834	2644169	2668454	0.86	cps
Uranium	238-1	16475874	16380649	16490728	16449084	0.36	cps
Vanadium	51-2	294810	293191	292426	293476	0.41	cps
Yttrium	89-1	6253960	6359721	6322264	6311981	0.85	cps
Yttrium	89-2	178310	177045	176936	177430	0.43	cps
Zinc	66-2	147551	148118	147386	147685	0.26	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	PB113729BS	Instrumnet Name :	P8
Client Sample ID :	PB113729BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:24:35	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7543339	7473219	7468634	7495064	0.56	cps
Zirconium	91-1	1700917	1678590	1711518	1697008	0.99	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	83	83	84	3.43	cps
Antimony	121-1	10204	9354	8903	9487	6.96	cps
Arsenic	75-1	13057	13757	14767	13860	6.20	cps
Barium	135-1	4434	3909	3984	4109	6.91	cps
Barium	137-1	7261	7177	6827	7088	3.25	cps
Beryllium	9-1	389	506	422	439	13.69	cps
Bismuth	209-1	6584223	6642531	6589265	6605340	0.49	cps
Bismuth	209-2	1550965	1524974	1546528	1540822	0.90	cps
Boron	11-1	46309	45222	44988	45507	1.55	cps
Boron	10-1	9545	9037	8878	9153	3.81	cps
Cadmium	106-1	1358	1392	1467	1406	3.95	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Cadmium	111-1	1083	1178	1244	1168	6.92	cps
Calcium	43-1	42933	41922	41446	42100	1.80	cps
Calcium	44-1	708853	701428	691081	700454	1.27	cps
Chromium	52-2	683	690	653	676	2.89	cps
Cobalt	59-2	133	113	90	112	19.33	cps
Copper	63-2	252169	249726	251288	251061	0.49	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	50	33	58	47	26.97	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	9351969	9263410	9311461	9308947	0.48	cps
Holmium	165-2	1866477	1815550	1837542	1839856	1.39	cps
Indium	115-1	6855855	6775250	6806284	6812463	0.60	cps
Indium	115-2	263164	259800	263108	262024	0.74	cps
Iron	56-2	5162	4712	4412	4762	7.93	cps
Iron	57-2	111	128	139	126	11.10	cps
Krypton	83-1	307	400	323	343	14.50	cps
Lead	207-1	4618	4418	4195	4410	4.79	cps
Lead	208-1	21208	20518	18489	20072	7.04	cps
Lead	206-1	5512	5335	4418	5088	11.55	cps
Lithium	6-1	1198829	1177728	1166615	1181058	1.39	cps
Magnesium	24-2	25173	24363	24238	24592	2.06	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	147	177	170	12.24	cps
Molybdenum	94-1	9270	8528	9112	8970	4.36	cps
Molybdenum	95-1	15059	14558	14308	14642	2.61	cps
Molybdenum	96-1	16611	15735	14875	15740	5.51	cps
Molybdenum	97-1	9679	8520	9512	9237	6.78	cps
Molybdenum	98-1	24565	23229	22720	23505	4.05	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	683	593	663	647	7.31	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	31286	30016	30910	30737	2.12	cps
Rhodium	103-1	6272109	6161458	6126369	6186645	1.23	cps
Rhodium	103-2	1579964	1545482	1565289	1563578	1.11	cps
Scandium	45-1	3598531	3570475	3544679	3571228	0.75	cps
Scandium	45-2	23680	23941	23370	23663	1.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	53	-48	29	11	478.84	cps
Silicon	28-1	48237349	47519017	46866245	47540870	1.44	cps
Silver	109-1	2092	2450	2759	2434	13.71	cps
Silver	107-1	2500	2900	2809	2737	7.66	cps
Sodium	23-2	6949381	6928700	6934139	6937407	0.15	cps
Strontium	86-1	29658	29132	28731	29174	1.59	cps
Strontium	88-1	249161	246439	242162	245921	1.43	cps
Sulfur	34-1	574833	564379	556530	565247	1.62	cps
Terbium	159-1	9665261	9585697	9482535	9577831	0.96	cps
Terbium	159-2	1797456	1774130	1793046	1788211	0.69	cps
Thallium	203-1	4768	5610	5343	5240	8.21	cps
Thallium	205-1	11898	12515	13032	12482	4.55	cps
Tin	118-1	3767	3467	3667	3634	4.20	cps
Titanium	47-1	858	783	742	795	7.44	cps
Uranium	238-1	7703	6852	7061	7205	6.15	cps
Vanadium	51-2	47	33	13	31	53.94	cps
Yttrium	89-1	6812141	6797072	6714683	6774632	0.77	cps
Yttrium	89-2	187568	184557	186298	186141	0.81	cps
Zinc	66-2	3044	3270	3074	3129	3.94	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:27:48	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2417	2442	2050	2303	9.52	cps
Zirconium	91-1	492	408	508	469	11.41	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01DUP	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELDI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:31:10	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	100	73	87	15.89	cps
Antimony	121-1	3834	4193	3976	4001	4.51	cps
Arsenic	75-1	18722	20007	21075	19935	5.91	cps
Barium	135-1	3626	3651	4101	3792	7.05	cps
Barium	137-1	6644	6544	6602	6596	0.76	cps
Beryllium	9-1	339	361	300	333	9.28	cps
Bismuth	209-1	6619338	6597659	6657189	6624729	0.45	cps
Bismuth	209-2	1587002	1565523	1551611	1568045	1.14	cps
Boron	11-1	37617	37734	38628	37993	1.46	cps
Boron	10-1	7411	8044	8219	7891	5.39	cps
Cadmium	106-1	1367	1358	1217	1314	6.42	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Cadmium	111-1	1029	1077	938	1015	6.93	cps
Calcium	43-1	43343	40936	41287	41855	3.11	cps
Calcium	44-1	701212	689542	695062	695272	0.84	cps
Chromium	52-2	640	657	633	643	1.87	cps
Cobalt	59-2	87	90	90	89	2.16	cps
Copper	63-2	259284	255863	254185	256444	1.01	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	33	100	50	61	56.78	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	9376362	9246278	9424706	9349115	0.99	cps
Holmium	165-2	1912644	1870904	1856209	1879919	1.56	cps
Indium	115-1	6770438	6818258	6867935	6818877	0.71	cps
Indium	115-2	274385	267050	265881	269105	1.71	cps
Iron	56-2	4206	4740	4195	4380	7.11	cps
Iron	57-2	106	78	83	89	16.54	cps
Krypton	83-1	397	333	307	346	13.38	cps
Lead	207-1	3651	3517	3484	3551	2.48	cps
Lead	208-1	16599	15893	16205	16232	2.18	cps
Lead	206-1	4229	4045	4029	4101	2.71	cps
Lithium	6-1	1162926	1168796	1162250	1164657	0.31	cps
Magnesium	24-2	24489	25499	24655	24881	2.18	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01DUP Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELDI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:31:10 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167	177	153	166	7.07	cps
Molybdenum	94-1	7177	7252	7778	7402	4.42	cps
Molybdenum	95-1	11864	10880	11130	11291	4.53	cps
Molybdenum	96-1	13140	12348	12523	12670	3.28	cps
Molybdenum	97-1	7486	7477	7311	7425	1.33	cps
Molybdenum	98-1	19907	18413	18897	19072	4.00	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	757	740	710	736	3.22	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	31152	31428	31402	31327	0.49	cps
Rhodium	103-1	6253412	6295929	6199771	6249704	0.77	cps
Rhodium	103-2	1625177	1594938	1583478	1601198	1.35	cps
Scandium	45-1	3606353	3552374	3583895	3580874	0.76	cps
Scandium	45-2	24552	23964	24468	24328	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-34	21	49	12	348.51	cps
Silicon	28-1	47477709	46792489	46971309	47080502	0.75	cps
Silver	109-1	2650	2692	2892	2745	4.71	cps
Silver	107-1	2884	3000	3025	2970	2.55	cps
Sodium	23-2	7057812	6924404	6964217	6982144	0.98	cps
Strontium	86-1	29867	29491	28723	29360	1.99	cps
Strontium	88-1	249576	246589	244937	247034	0.95	cps
Sulfur	34-1	550768	548842	548480	549364	0.22	cps
Terbium	159-1	9584517	9593709	9608146	9595457	0.12	cps
Terbium	159-2	1832837	1778767	1798202	1803269	1.52	cps
Thallium	203-1	2059	2350	2209	2206	6.61	cps
Thallium	205-1	4743	5318	6035	5365	12.07	cps
Tin	118-1	2575	2367	2484	2475	4.22	cps
Titanium	47-1	717	533	700	650	15.60	cps
Uranium	238-1	6327	6169	6194	6230	1.37	cps
Vanadium	51-2	27	20	27	24	15.75	cps
Yttrium	89-1	6802747	6742708	6799117	6781524	0.50	cps
Yttrium	89-2	193477	189494	189434	190802	1.21	cps
Zinc	66-2	3090	3107	3247	3148	2.73	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01DUP	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELDI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:31:10	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1842	1500	1592	1645	10.75	cps
Zirconium	91-1	442	325	325	364	18.51	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01LX5	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-11 15:34:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	23	38	33	28.39	cps
Antimony	121-1	2442	2692	2951	2695	9.43	cps
Arsenic	75-1	6385	6502	6460	6449	0.92	cps
Barium	135-1	717	858	650	742	14.35	cps
Barium	137-1	1367	1267	1208	1281	6.25	cps
Beryllium	9-1	233	267	211	237	11.80	cps
Bismuth	209-1	6257815	6189111	6150386	6199104	0.88	cps
Bismuth	209-2	1494852	1493462	1483355	1490556	0.42	cps
Boron	11-1	12723	12331	12381	12478	1.71	cps
Boron	10-1	2675	2492	2725	2631	4.67	cps
Cadmium	106-1	1483	1225	1150	1286	13.60	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Cadmium	111-1	1061	906	874	947	10.53	cps
Calcium	43-1	8478	8611	8128	8406	2.97	cps
Calcium	44-1	145151	145227	144663	145014	0.21	cps
Chromium	52-2	383	497	473	451	13.27	cps
Cobalt	59-2	40	47	50	46	11.18	cps
Copper	63-2	50174	49448	50776	50132	1.33	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	100	67	33	67	50.01	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	8787680	8643354	8693688	8708241	0.84	cps
Holmium	165-2	1775307	1781129	1781422	1779286	0.19	cps
Indium	115-1	6451997	6435415	6455530	6447647	0.17	cps
Indium	115-2	259317	260009	252791	257372	1.55	cps
Iron	56-2	2878	2912	2761	2850	2.76	cps
Iron	57-2	67	72	61	67	8.34	cps
Krypton	83-1	417	347	387	383	9.16	cps
Lead	207-1	1078	1128	1050	1085	3.63	cps
Lead	208-1	4823	4989	5173	4995	3.51	cps
Lead	206-1	1172	1183	1267	1208	4.27	cps
Lithium	6-1	1101025	1102760	1091481	1098422	0.55	cps
Magnesium	24-2	5026	5418	5151	5198	3.85	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01LX5	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-11 15:34:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	47	67	69	33.99	cps
Molybdenum	94-1	2084	1842	1884	1936	6.67	cps
Molybdenum	95-1	2942	3067	2767	2925	5.15	cps
Molybdenum	96-1	2942	3334	3025	3100	6.66	cps
Molybdenum	97-1	1850	1492	1650	1664	10.79	cps
Molybdenum	98-1	4651	4151	4343	4381	5.76	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	340	443	404	13.90	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7694	7827	8011	7844	2.03	cps
Rhodium	103-1	5962200	5936346	5955383	5951310	0.23	cps
Rhodium	103-2	1530438	1557303	1524050	1537264	1.15	cps
Scandium	45-1	3409275	3359101	3350369	3372915	0.94	cps
Scandium	45-2	22692	23416	23089	23066	1.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-67	40	-26	-18	-301.55	cps
Silicon	28-1	9235497	9208428	9251327	9231751	0.23	cps
Silver	109-1	983	1192	1167	1114	10.21	cps
Silver	107-1	1100	1417	1333	1283	12.79	cps
Sodium	23-2	1401990	1373035	1385939	1386988	1.05	cps
Strontium	86-1	6052	5943	6160	6052	1.79	cps
Strontium	88-1	47475	48103	47667	47748	0.67	cps
Sulfur	34-1	305980	308620	306294	306965	0.47	cps
Terbium	159-1	9082203	8919405	8847520	8949709	1.34	cps
Terbium	159-2	1717998	1718064	1716929	1717664	0.04	cps
Thallium	203-1	725	1008	717	817	20.33	cps
Thallium	205-1	1950	1925	1925	1934	0.75	cps
Tin	118-1	1433	1225	1117	1258	12.79	cps
Titanium	47-1	233	217	283	244	14.19	cps
Uranium	238-1	1300	1233	1300	1278	3.01	cps
Vanadium	51-2	13	7	20	13	49.99	cps
Yttrium	89-1	6387842	6323013	6383511	6364789	0.57	cps
Yttrium	89-2	181955	183586	180478	182006	0.85	cps
Zinc	66-2	707	667	710	694	3.47	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01LX5	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-11 15:34:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1050	1083	992	1042	4.45	cps
Zirconium	91-1	275	225	208	236	14.70	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01MS Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELM Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:37:55 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12334	13097	12889	12773	3.09	cps
Antimony	121-1	8636217	8658212	8549849	8614759	0.66	cps
Arsenic	75-1	2250864	2255327	2286795	2264328	0.86	cps
Barium	135-1	525542	522390	517902	521945	0.74	cps
Barium	137-1	924936	924289	928321	925849	0.23	cps
Beryllium	9-1	283448	281979	282127	282518	0.29	cps
Bismuth	209-1	6791117	6638875	6581837	6670610	1.62	cps
Bismuth	209-2	1578799	1577706	1574141	1576882	0.15	cps
Boron	11-1	264580	266361	269495	266812	0.93	cps
Boron	10-1	54412	54813	55325	54850	0.83	cps
Cadmium	106-1	50520	49525	48605	49550	1.93	cps
Cadmium	108-1	35610	34962	35313	35295	0.92	cps
Cadmium	111-1	538182	538029	536349	537520	0.19	cps
Calcium	43-1	66792	66601	65404	66265	1.14	cps
Calcium	44-1	1090127	1083283	1080119	1084510	0.47	cps
Chromium	52-2	341287	340263	336427	339326	0.75	cps
Cobalt	59-2	391756	389588	390154	390499	0.29	cps
Copper	63-2	784143	785449	782370	783987	0.20	cps
Dysprosium	156-1	488676	479537	488354	485522	1.07	cps
Dysprosium	156-2	9083	9520	9167	9257	2.51	cps
Erbium	164-1	142	133	75	117	31.14	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	192	208	217	206	6.19	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	9532811	9469110	9358354	9453425	0.93	cps
Holmium	165-2	1890289	1897493	1872565	1886782	0.68	cps
Indium	115-1	6781775	6763942	6707295	6751004	0.58	cps
Indium	115-2	262414	262119	261530	262021	0.17	cps
Iron	56-2	1850395	1844557	1823923	1839625	0.76	cps
Iron	57-2	45062	45820	44048	44977	1.98	cps
Krypton	83-1	343	390	377	370	6.50	cps
Lead	207-1	8061903	8003292	8020140	8028445	0.38	cps
Lead	208-1	36543790	36451633	36104722	36366715	0.64	cps
Lead	206-1	8940328	8933376	8863181	8912295	0.48	cps
Lithium	6-1	1170743	1170857	1167197	1169599	0.18	cps
Magnesium	24-2	85120	83403	82547	83690	1.57	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MS	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:37:55	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50745	49528	49250	49841	1.60	cps
Molybdenum	94-1	1097897	1083503	1088519	1089973	0.67	cps
Molybdenum	95-1	1955593	1940937	1932640	1943057	0.60	cps
Molybdenum	96-1	2113835	2115029	2065655	2098173	1.34	cps
Molybdenum	97-1	1196879	1192497	1188983	1192786	0.33	cps
Molybdenum	98-1	3146403	3149113	3139012	3144842	0.17	cps
Neodymium	150-1	27	33	107	56	79.90	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	289653	289391	289196	289413	0.08	cps
Phosphorus	31-2	2634	2634	2550	2606	1.85	cps
Potassium	39-2	183480	182780	181251	182504	0.62	cps
Rhodium	103-1	6402809	6243548	6269950	6305436	1.35	cps
Rhodium	103-2	1604667	1607034	1619014	1610238	0.48	cps
Scandium	45-1	3671655	3582485	3621345	3625162	1.23	cps
Scandium	45-2	24572	24809	24174	24518	1.31	cps
Selenium	77-2	1577	1613	1580	1590	1.27	cps
Selenium	78-2	5360	5371	5251	5328	1.25	cps
Selenium	82-1	315592	314140	313695	314476	0.32	cps
Silicon	28-1	51550715	51218351	51040703	51269923	0.50	cps
Silver	109-1	907012	901893	904528	904478	0.28	cps
Silver	107-1	943635	944986	938925	942515	0.34	cps
Sodium	23-2	7139129	7125798	7046046	7103658	0.71	cps
Strontium	86-1	620532	615639	612977	616383	0.62	cps
Strontium	88-1	5464988	5397271	5453620	5438626	0.67	cps
Sulfur	34-1	551382	545315	542196	546297	0.86	cps
Terbium	159-1	9832424	9602944	9693588	9709652	1.19	cps
Terbium	159-2	1840753	1844952	1848393	1844699	0.21	cps
Thallium	203-1	21634524	21696002	21842355	21724294	0.49	cps
Thallium	205-1	51743964	51966413	52059515	51923297	0.31	cps
Tin	118-1	5722106	5713225	5694832	5710054	0.24	cps
Titanium	47-1	229780	226687	228154	228207	0.68	cps
Uranium	238-1	5852	5493	6427	5924	7.95	cps
Vanadium	51-2	188712	187767	187459	187979	0.35	cps
Yttrium	89-1	6993749	6862514	6839669	6898644	1.21	cps
Yttrium	89-2	194447	191275	193079	192934	0.82	cps
Zinc	66-2	34991	35292	34837	35040	0.66	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MS	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:37:55	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13332	9837	8378	10516	24.21	cps
Zirconium	91-1	3617	3100	2959	3226	10.75	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01MSD Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELM Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:41:13 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12584	12679	12504	12589	0.70	cps
Antimony	121-1	8871893	8638567	8663885	8724782	1.47	cps
Arsenic	75-1	2314333	2284909	2259385	2286209	1.20	cps
Barium	135-1	533344	524940	525118	527801	0.91	cps
Barium	137-1	933719	930472	933241	932477	0.19	cps
Beryllium	9-1	281807	281068	279648	280841	0.39	cps
Bismuth	209-1	6723740	6822774	6635883	6727466	1.39	cps
Bismuth	209-2	1593074	1595947	1594575	1594532	0.09	cps
Boron	11-1	271421	275378	280611	275803	1.67	cps
Boron	10-1	56403	57566	58613	57527	1.92	cps
Cadmium	106-1	50253	51591	49266	50370	2.32	cps
Cadmium	108-1	35647	35380	35196	35408	0.64	cps
Cadmium	111-1	544668	544566	538667	542633	0.63	cps
Calcium	43-1	68124	65420	65654	66399	2.26	cps
Calcium	44-1	1093289	1090879	1079956	1088041	0.65	cps
Chromium	52-2	342100	340181	341252	341177	0.28	cps
Cobalt	59-2	395763	391551	389880	392398	0.77	cps
Copper	63-2	787432	787328	787351	787370	0.01	cps
Dysprosium	156-1	492655	493317	487573	491182	0.64	cps
Dysprosium	156-2	9547	9630	9480	9553	0.79	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	133	167	200	167	20.00	cps
Gadolinium	160-2	30	10	3	14	96.09	cps
Holmium	165-1	9468169	9471350	9454900	9464807	0.09	cps
Holmium	165-2	1940201	1929120	1929517	1932946	0.33	cps
Indium	115-1	6819854	6842550	6755199	6805868	0.67	cps
Indium	115-2	267903	265879	265118	266300	0.54	cps
Iron	56-2	1859242	1845422	1825604	1843422	0.92	cps
Iron	57-2	45747	45698	45547	45664	0.23	cps
Krypton	83-1	417	333	403	384	11.64	cps
Lead	207-1	8047521	8140334	7962152	8050002	1.11	cps
Lead	208-1	36689239	36926885	36150588	36588904	1.09	cps
Lead	206-1	9010489	8998080	8883661	8964077	0.78	cps
Lithium	6-1	1164524	1188772	1181094	1178130	1.05	cps
Magnesium	24-2	85105	84626	84375	84702	0.44	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MSD	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:41:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50283	49575	49350	49736	0.98	cps
Molybdenum	94-1	1113321	1089025	1094176	1098841	1.17	cps
Molybdenum	95-1	1998619	1961617	1952198	1970811	1.25	cps
Molybdenum	96-1	2135236	2084907	2107243	2109129	1.20	cps
Molybdenum	97-1	1210683	1207667	1203645	1207332	0.29	cps
Molybdenum	98-1	3195786	3193312	3147349	3178816	0.86	cps
Neodymium	150-1	87	27	73	62	50.63	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	291595	290364	290704	290888	0.22	cps
Phosphorus	31-2	2492	2492	2450	2478	0.97	cps
Potassium	39-2	182602	183887	181210	182566	0.73	cps
Rhodium	103-1	6397954	6375911	6307075	6360313	0.75	cps
Rhodium	103-2	1624644	1613506	1628195	1622115	0.47	cps
Scandium	45-1	3674340	3647711	3596908	3639653	1.08	cps
Scandium	45-2	25006	24291	24228	24508	1.76	cps
Selenium	77-2	1523	1560	1703	1596	5.96	cps
Selenium	78-2	5536	5273	5540	5450	2.81	cps
Selenium	82-1	318889	316445	315511	316948	0.55	cps
Silicon	28-1	51685875	51401649	51294369	51460631	0.39	cps
Silver	109-1	917611	905353	904440	909135	0.81	cps
Silver	107-1	963974	949055	942643	951891	1.15	cps
Sodium	23-2	7162571	7077222	7062431	7100741	0.76	cps
Strontium	86-1	627157	623101	624267	624842	0.33	cps
Strontium	88-1	5501481	5500192	5452970	5484881	0.50	cps
Sulfur	34-1	546952	542589	539957	543166	0.65	cps
Terbium	159-1	9864999	9870608	9672351	9802653	1.15	cps
Terbium	159-2	1856648	1842153	1840217	1846340	0.49	cps
Thallium	203-1	21989087	21872366	21665395	21842283	0.75	cps
Thallium	205-1	52556153	52071413	51861446	52163004	0.68	cps
Tin	118-1	5820832	5737538	5756881	5771751	0.76	cps
Titanium	47-1	233923	230477	228408	230936	1.21	cps
Uranium	238-1	6068	6085	6152	6102	0.72	cps
Vanadium	51-2	190073	189117	189183	189458	0.28	cps
Yttrium	89-1	7011894	6977581	6878352	6955942	1.00	cps
Yttrium	89-2	194794	195311	194181	194762	0.29	cps
Zinc	66-2	34921	35940	35024	35295	1.59	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01MSD	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELM:	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:41:13	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4984	4601	4092	4559	9.81	cps
Zirconium	91-1	1659	1792	1450	1634	10.54	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-01A Instrumnet Name : P8
 Client Sample ID : 380926025.2-GERZELA Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:44:30 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12762	12917	12536	12738	1.50	cps
Antimony	121-1	8838617	8793089	8725052	8785586	0.65	cps
Arsenic	75-1	2289421	2294467	2305515	2296468	0.36	cps
Barium	135-1	538847	530471	536699	535339	0.81	cps
Barium	137-1	943161	946158	947975	945765	0.26	cps
Beryllium	9-1	282003	278645	282534	281061	0.75	cps
Bismuth	209-1	6870987	6839028	6895018	6868345	0.41	cps
Bismuth	209-2	1625081	1612252	1579442	1605592	1.47	cps
Boron	11-1	277247	281220	286739	281736	1.69	cps
Boron	10-1	54956	57482	59140	57193	3.68	cps
Cadmium	106-1	49199	50194	50621	50005	1.46	cps
Cadmium	108-1	35359	35605	35209	35391	0.57	cps
Cadmium	111-1	550089	545305	549468	548287	0.47	cps
Calcium	43-1	66358	67571	66282	66737	1.08	cps
Calcium	44-1	1086150	1098240	1098742	1094377	0.65	cps
Chromium	52-2	346283	344893	340094	343757	0.94	cps
Cobalt	59-2	398170	396691	392329	395730	0.77	cps
Copper	63-2	796481	789769	785210	790487	0.72	cps
Dysprosium	156-1	495592	492393	499303	495763	0.70	cps
Dysprosium	156-2	9841	9871	9440	9717	2.47	cps
Erbium	164-1	125	83	117	108	20.35	cps
Erbium	164-2	0	7	23	10	120.16	cps
Gadolinium	160-1	183	250	233	222	15.61	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	9649465	9564888	9771086	9661813	1.07	cps
Holmium	165-2	1971249	1931005	1918736	1940330	1.42	cps
Indium	115-1	6883749	6839715	6910634	6878032	0.52	cps
Indium	115-2	270911	267418	263655	267328	1.36	cps
Iron	56-2	1866247	1846926	1835113	1849429	0.85	cps
Iron	57-2	46032	46278	46344	46218	0.36	cps
Krypton	83-1	400	360	330	363	9.67	cps
Lead	207-1	8214283	8185842	8145139	8181755	0.42	cps
Lead	208-1	37424970	37138747	37169779	37244499	0.42	cps
Lead	206-1	9132979	9052613	9101677	9095756	0.45	cps
Lithium	6-1	1188294	1189825	1190067	1189395	0.08	cps
Magnesium	24-2	83655	84501	84534	84230	0.59	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01A	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:44:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50109	50702	49782	50198	0.93	cps
Molybdenum	94-1	1109372	1103600	1109359	1107444	0.30	cps
Molybdenum	95-1	2003124	1958480	2016300	1992635	1.52	cps
Molybdenum	96-1	2144394	2136664	2157137	2146065	0.48	cps
Molybdenum	97-1	1213551	1224010	1233764	1223775	0.83	cps
Molybdenum	98-1	3203344	3210351	3184926	3199540	0.41	cps
Neodymium	150-1	40	33	87	53	54.49	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	293798	293144	289377	292106	0.82	cps
Phosphorus	31-2	2592	2492	2717	2600	4.34	cps
Potassium	39-2	187963	182525	184536	185008	1.49	cps
Rhodium	103-1	6434738	6407892	6460324	6434318	0.41	cps
Rhodium	103-2	1637118	1631263	1638551	1635644	0.24	cps
Scandium	45-1	3694385	3661072	3732634	3696030	0.97	cps
Scandium	45-2	24281	24428	24542	24417	0.53	cps
Selenium	77-2	1427	1643	1533	1535	7.06	cps
Selenium	78-2	5596	5455	5379	5476	2.01	cps
Selenium	82-1	320629	318527	320971	320042	0.41	cps
Silicon	28-1	51940664	51503550	51748757	51730990	0.42	cps
Silver	109-1	921927	913270	920263	918487	0.50	cps
Silver	107-1	960619	957001	960489	959370	0.21	cps
Sodium	23-2	7215459	7094442	7036333	7115411	1.28	cps
Strontium	86-1	630514	623722	635382	629872	0.93	cps
Strontium	88-1	5580546	5527106	5564129	5557261	0.49	cps
Sulfur	34-1	544091	537541	539032	540221	0.64	cps
Terbium	159-1	9943791	9811080	9892908	9882593	0.68	cps
Terbium	159-2	1896130	1890765	1870154	1885683	0.73	cps
Thallium	203-1	22217170	22125452	22413923	22252182	0.66	cps
Thallium	205-1	52976561	52657477	52976844	52870294	0.35	cps
Tin	118-1	5888502	5837013	5842431	5855982	0.48	cps
Titanium	47-1	231160	232550	232890	232200	0.39	cps
Uranium	238-1	6043	6085	5852	5993	2.08	cps
Vanadium	51-2	192949	189560	190104	190871	0.95	cps
Yttrium	89-1	7050266	6947250	7132548	7043354	1.32	cps
Yttrium	89-2	198300	194315	194331	195649	1.17	cps
Zinc	66-2	36080	35633	36114	35942	0.75	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-01A	Instrumnet Name :	P8
Client Sample ID :	380926025.2-GERZELA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:44:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3259	3084	2967	3103	4.73	cps
Zirconium	91-1	1450	1283	1684	1472	13.65	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301682	303513	303906	303034	0.39	cps
Antimony	121-1	5408168	5377243	5286260	5357224	1.18	cps
Arsenic	75-1	1224994	1206252	1199612	1210286	1.09	cps
Barium	135-1	5815436	5800684	5732922	5783014	0.76	cps
Barium	137-1	10276917	10151745	10056620	10161761	1.09	cps
Beryllium	9-1	616990	611336	607758	612028	0.76	cps
Bismuth	209-1	5458927	5706897	5817144	5660989	3.24	cps
Bismuth	209-2	1361897	1359839	1366494	1362743	0.25	cps
Boron	11-1	359397	359933	364973	361435	0.85	cps
Boron	10-1	73187	72960	72173	72773	0.73	cps
Cadmium	106-1	122813	120300	121358	121490	1.04	cps
Cadmium	108-1	83033	83674	82932	83213	0.48	cps
Cadmium	111-1	1165752	1153368	1136690	1151937	1.27	cps
Calcium	43-1	5112236	5020015	4942444	5024898	1.69	cps
Calcium	44-1	83052269	81898858	81599350	82183492	0.93	cps
Chromium	52-2	388774	392357	392404	391178	0.53	cps
Cobalt	59-2	831268	838756	836854	835626	0.47	cps
Copper	63-2	1411604	1429055	1435678	1425446	0.87	cps
Dysprosium	156-1	142	83	150	125	29.06	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	33	117	50	67	66.15	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	67	67	100	78	24.75	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	8062582	8446603	8546190	8351792	3.06	cps
Holmium	165-2	1715939	1711284	1754803	1727342	1.38	cps
Indium	115-1	5528452	5819210	5883158	5743607	3.29	cps
Indium	115-2	234014	229001	235467	232827	1.46	cps
Iron	56-2	64090106	64437724	64610958	64379596	0.41	cps
Iron	57-2	1660816	1679812	1676709	1672445	0.61	cps
Krypton	83-1	420	423	377	407	6.40	cps
Lead	207-1	3737571	3679698	3629765	3682345	1.47	cps
Lead	208-1	16632086	16378009	16220539	16410211	1.27	cps
Lead	206-1	4018069	3974758	4007132	3999986	0.56	cps
Lithium	6-1	950511	982339	1001565	978139	2.64	cps
Magnesium	24-2	6288047	6318470	6339045	6315188	0.41	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220423	221716	221669	221269	0.33	cps
Molybdenum	94-1	9033465	8869933	8818028	8907142	1.26	cps
Molybdenum	95-1	11023653	10924308	10812376	10920112	0.97	cps
Molybdenum	96-1	12355452	12175908	12034752	12188704	1.32	cps
Molybdenum	97-1	7026075	6926251	6809375	6920567	1.57	cps
Molybdenum	98-1	17823381	17737870	17592451	17717901	0.66	cps
Neodymium	150-1	240	287	333	287	16.28	cps
Neodymium	150-2	0	10	23	11	105.35	cps
Nickel	60-2	247961	250912	250580	249818	0.65	cps
Phosphorus	31-2	3709	3776	3767	3751	0.97	cps
Potassium	39-2	1667602	1668335	1664480	1666806	0.12	cps
Rhodium	103-1	5038528	5214193	5260181	5170967	2.26	cps
Rhodium	103-2	1346158	1335806	1356973	1346312	0.79	cps
Scandium	45-1	2995498	3106260	3139973	3080577	2.45	cps
Scandium	45-2	21523	21013	22001	21512	2.30	cps
Selenium	77-2	307	283	343	311	9.72	cps
Selenium	78-2	1124	1119	1085	1109	1.90	cps
Selenium	82-1	67572	66630	66692	66965	0.79	cps
Silicon	28-1	2171041	2131546	2150163	2150917	0.92	cps
Silver	109-1	5348774	5251229	5254822	5284942	1.05	cps
Silver	107-1	5628921	5517384	5472401	5539569	1.45	cps
Sodium	23-2	14112389	14284315	14278681	14225128	0.69	cps
Strontium	86-1	1341648	1330929	1330655	1334411	0.47	cps
Strontium	88-1	11763829	11707859	11552849	11674846	0.94	cps
Sulfur	34-1	573017	572995	568787	571600	0.43	cps
Terbium	159-1	8180682	8649059	8658959	8496234	3.22	cps
Terbium	159-2	1653376	1645154	1683750	1660760	1.22	cps
Thallium	203-1	5030544	4955335	4911974	4965951	1.21	cps
Thallium	205-1	11857165	11737226	11575706	11723366	1.20	cps
Tin	118-1	3804577	3729640	3715223	3749814	1.28	cps
Titanium	47-1	2598631	2539155	2535160	2557649	1.39	cps
Uranium	238-1	17382771	16989840	16991723	17121445	1.32	cps
Vanadium	51-2	277864	279411	281563	279612	0.66	cps
Yttrium	89-1	5682647	5997710	6062306	5914221	3.43	cps
Yttrium	89-2	170553	169753	171316	170541	0.46	cps
Zinc	66-2	133006	135053	134777	134278	0.83	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:47:47	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7501465	7451449	7402392	7451769	0.66	cps
Zirconium	91-1	1706332	1676949	1674975	1686086	1.04	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P8
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:50:59 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	23	25	22	17.65	cps
Antimony	121-1	17095	15735	15042	15957	6.54	cps
Arsenic	75-1	1208	1167	1192	1189	1.76	cps
Barium	135-1	225	325	183	244	29.79	cps
Barium	137-1	425	375	342	381	11.02	cps
Beryllium	9-1	589	561	600	583	3.43	cps
Bismuth	209-1	6240444	6269213	6301674	6270444	0.49	cps
Bismuth	209-2	1502292	1473516	1492714	1489507	0.98	cps
Boron	11-1	20290	19347	18863	19500	3.72	cps
Boron	10-1	4201	4051	3692	3981	6.56	cps
Cadmium	106-1	1392	1475	1358	1408	4.27	cps
Cadmium	108-1	8	21	33	21	60.01	cps
Cadmium	111-1	1131	1131	1094	1119	1.88	cps
Calcium	43-1	508	433	367	436	16.25	cps
Calcium	44-1	12431	12748	12798	12659	1.57	cps
Chromium	52-2	433	347	340	373	13.95	cps
Cobalt	59-2	97	53	77	76	28.71	cps
Copper	63-2	467	500	463	477	4.25	cps
Dysprosium	156-1	33	50	50	44	21.66	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	33	25	19	89.21	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	67	25	33	42	52.92	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	8619360	8623548	8661037	8634649	0.27	cps
Holmium	165-2	1765171	1749261	1780569	1765000	0.89	cps
Indium	115-1	6323642	6276241	6279997	6293293	0.42	cps
Indium	115-2	252632	250191	250479	251101	0.53	cps
Iron	56-2	4684	4629	4551	4621	1.45	cps
Iron	57-2	144	106	144	131	17.08	cps
Krypton	83-1	380	360	340	360	5.56	cps
Lead	207-1	928	895	983	935	4.80	cps
Lead	208-1	4128	4239	4000	4123	2.90	cps
Lead	206-1	1045	989	861	965	9.74	cps
Lithium	6-1	1078015	1080724	1083699	1080813	0.26	cps
Magnesium	24-2	625	542	692	619	12.13	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:50:59	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	37	13	31	50.64	cps
Molybdenum	94-1	3451	3451	2867	3256	10.35	cps
Molybdenum	95-1	4634	4334	3626	4198	12.34	cps
Molybdenum	96-1	5243	4593	4126	4654	12.06	cps
Molybdenum	97-1	2567	2484	2392	2481	3.53	cps
Molybdenum	98-1	6952	6944	6052	6649	7.78	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	260	290	277	276	5.45	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2275	2017	2117	2136	6.10	cps
Rhodium	103-1	5778943	5849970	5865949	5831621	0.79	cps
Rhodium	103-2	1527610	1474293	1472367	1491423	2.10	cps
Scandium	45-1	3190521	3232591	3218508	3213874	0.67	cps
Scandium	45-2	21720	21300	21917	21646	1.46	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-5	55	60	37	97.92	cps
Silicon	28-1	181133	180728	176779	179547	1.34	cps
Silver	109-1	1167	1058	967	1064	9.41	cps
Silver	107-1	1100	1025	1158	1095	6.11	cps
Sodium	23-2	9495	9312	9404	9404	0.98	cps
Strontium	86-1	633	467	642	581	17.00	cps
Strontium	88-1	533	592	642	589	9.21	cps
Sulfur	34-1	294008	293966	293046	293673	0.19	cps
Terbium	159-1	8833051	8824556	8839261	8832290	0.08	cps
Terbium	159-2	1707973	1694027	1706138	1702713	0.45	cps
Thallium	203-1	3576	3134	2926	3212	10.34	cps
Thallium	205-1	8086	7969	7661	7906	2.78	cps
Tin	118-1	4301	4209	3934	4148	4.60	cps
Titanium	47-1	183	225	258	222	16.91	cps
Uranium	238-1	758	775	792	775	2.15	cps
Vanadium	51-2	13	30	27	23	37.81	cps
Yttrium	89-1	6271510	6212298	6267480	6250430	0.53	cps
Yttrium	89-2	177693	174893	176302	176296	0.79	cps
Zinc	66-2	100	93	100	98	3.93	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:50:59	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2275	2150	2325	2250	4.01	cps
Zirconium	91-1	533	542	583	553	4.85	cps

LB Number : LB98562 Operator : Jaswal
 Lab Sample ID : J5357-02 Instrumnet Name : P8
 Client Sample ID : 380926026.2-GODAWN Dilution Factor : 1
 Date & Time Acquired :: 2018-10-11 15:54:22 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	93	50	73	29.39	cps
Antimony	121-1	13941	14250	14625	14272	2.40	cps
Arsenic	75-1	22077	22778	24172	23009	4.63	cps
Barium	135-1	154735	152300	154172	153736	0.83	cps
Barium	137-1	272924	268152	268881	269986	0.95	cps
Beryllium	9-1	439	428	394	420	5.50	cps
Bismuth	209-1	6845082	6756096	6698359	6766512	1.09	cps
Bismuth	209-2	1572730	1554023	1550726	1559159	0.76	cps
Boron	11-1	611844	625312	636067	624408	1.94	cps
Boron	10-1	121403	125890	126242	124512	2.17	cps
Cadmium	106-1	1517	1684	1517	1572	6.12	cps
Cadmium	108-1	42	46	25	38	29.40	cps
Cadmium	111-1	1270	1305	1194	1256	4.50	cps
Calcium	43-1	1144779	1130866	1124744	1133463	0.91	cps
Calcium	44-1	18543143	18374258	18182329	18366576	0.98	cps
Chromium	52-2	560	517	560	546	4.59	cps
Cobalt	59-2	97	130	97	108	17.85	cps
Copper	63-2	523973	515665	516592	518743	0.88	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	20	3	17	13	66.16	cps
Gadolinium	160-1	125	108	50	94	41.70	cps
Gadolinium	160-2	7	27	13	16	65.47	cps
Holmium	165-1	9740015	9590656	9487627	9606100	1.32	cps
Holmium	165-2	1907757	1901772	1884694	1898074	0.63	cps
Indium	115-1	7016110	6887951	6813394	6905818	1.48	cps
Indium	115-2	266836	263204	261359	263800	1.06	cps
Iron	56-2	6024	6035	6018	6026	0.14	cps
Iron	57-2	222	133	172	176	25.33	cps
Krypton	83-1	413	427	347	396	10.84	cps
Lead	207-1	35483	36614	36709	36269	1.88	cps
Lead	208-1	165666	165887	166117	165890	0.14	cps
Lead	206-1	42967	42237	41942	42382	1.25	cps
Lithium	6-1	1193489	1202731	1165757	1187326	1.62	cps
Magnesium	24-2	621834	617544	604910	614763	1.43	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-02	Instrumnet Name :	P8
Client Sample ID :	380926026.2-GODAWN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:54:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7185	6949	7129	7087	1.74	cps
Molybdenum	94-1	7294	6544	6360	6733	7.35	cps
Molybdenum	95-1	9229	8636	8970	8945	3.32	cps
Molybdenum	96-1	9504	9787	9871	9721	1.98	cps
Molybdenum	97-1	5310	5143	5968	5474	7.97	cps
Molybdenum	98-1	14108	14442	13632	14061	2.89	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1177	1100	1107	1128	3.77	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	23721	22377	22845	22981	2.97	cps
Rhodium	103-1	6323303	6312312	6158391	6264668	1.47	cps
Rhodium	103-2	1591447	1565930	1577323	1578233	0.81	cps
Scandium	45-1	3647159	3595201	3471519	3571293	2.53	cps
Scandium	45-2	22909	23072	22672	22884	0.88	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-21	-14	58	8	567.74	cps
Silicon	28-1	38755523	38510807	38321585	38529305	0.56	cps
Silver	109-1	1734	2234	2109	2025	12.85	cps
Silver	107-1	1834	2167	2434	2145	14.02	cps
Sodium	23-2	1841811	1831272	1808311	1827131	0.94	cps
Strontium	86-1	8465141	8393907	8299392	8386147	0.99	cps
Strontium	88-1	74359220	73488595	72829547	73559121	1.04	cps
Sulfur	34-1	734206	727723	723921	728617	0.71	cps
Terbium	159-1	9899172	9804773	9784984	9829643	0.62	cps
Terbium	159-2	1839474	1830683	1803302	1824486	1.03	cps
Thallium	203-1	3909	3917	3442	3756	7.24	cps
Thallium	205-1	9763	9379	8878	9340	4.75	cps
Tin	118-1	3109	3067	3001	3059	1.79	cps
Titanium	47-1	642	525	750	639	17.61	cps
Uranium	238-1	74247	74959	75462	74890	0.82	cps
Vanadium	51-2	1197	1220	1140	1186	3.47	cps
Yttrium	89-1	6921085	6821456	6815256	6852599	0.87	cps
Yttrium	89-2	186839	185467	183986	185431	0.77	cps
Zinc	66-2	17815	18172	18162	18050	1.13	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-02	Instrumnet Name :	P8
Client Sample ID :	380926026.2-GODAWN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:54:22	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4826	3901	3926	4218	12.50	cps
Zirconium	91-1	1150	1000	933	1028	10.80	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	75	86	14.95	cps
Antimony	121-1	9287	9279	9312	9293	0.19	cps
Arsenic	75-1	16427	17111	17095	16878	2.31	cps
Barium	135-1	118603	118745	116821	118056	0.91	cps
Barium	137-1	208206	209941	209220	209122	0.42	cps
Beryllium	9-1	361	322	383	356	8.70	cps
Bismuth	209-1	6873735	6859531	6718373	6817213	1.26	cps
Bismuth	209-2	1558981	1548741	1555987	1554570	0.34	cps
Boron	11-1	609974	619607	635153	621578	2.04	cps
Boron	10-1	123175	124133	125991	124433	1.15	cps
Cadmium	106-1	1709	1475	1475	1553	8.68	cps
Cadmium	108-1	146	117	142	135	11.71	cps
Cadmium	111-1	1515	1422	1433	1457	3.48	cps
Calcium	43-1	918195	917471	912504	916057	0.34	cps
Calcium	44-1	14878655	14888969	14793853	14853826	0.35	cps
Chromium	52-2	877	813	830	840	3.91	cps
Cobalt	59-2	180	133	180	164	16.38	cps
Copper	63-2	77159	75976	75524	76220	1.11	cps
Dysprosium	156-1	92	33	25	50	72.65	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	9620991	9687722	9463125	9590613	1.20	cps
Holmium	165-2	1905616	1872621	1887250	1888496	0.88	cps
Indium	115-1	6906676	6969317	6802425	6892806	1.22	cps
Indium	115-2	262803	262381	259274	261486	0.74	cps
Iron	56-2	16460	15437	15637	15845	3.42	cps
Iron	57-2	539	533	439	504	11.16	cps
Krypton	83-1	323	400	353	359	10.76	cps
Lead	207-1	14370	14431	14320	14373	0.39	cps
Lead	208-1	67639	66977	67188	67268	0.50	cps
Lead	206-1	16923	16817	17262	17001	1.37	cps
Lithium	6-1	1212771	1214656	1189009	1205479	1.19	cps
Magnesium	24-2	421270	416738	411914	416640	1.12	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3020	2807	3084	2970	4.88	cps
Molybdenum	94-1	278950	277997	275932	277626	0.56	cps
Molybdenum	95-1	488324	481984	482931	484413	0.71	cps
Molybdenum	96-1	522405	518347	518829	519860	0.43	cps
Molybdenum	97-1	308121	305029	302231	305127	0.97	cps
Molybdenum	98-1	789504	789833	789255	789531	0.04	cps
Neodymium	150-1	7	7	47	20	115.45	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1697	1530	1640	1622	5.22	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	17595	16627	17270	17164	2.87	cps
Rhodium	103-1	6315958	6371015	6212807	6299927	1.27	cps
Rhodium	103-2	1566138	1579912	1537219	1561090	1.40	cps
Scandium	45-1	3519468	3558804	3470076	3516116	1.26	cps
Scandium	45-2	22318	22695	22385	22466	0.90	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	2	11	9	7	66.16	cps
Selenium	82-1	571	595	634	600	5.37	cps
Silicon	28-1	21744374	21668414	21568439	21660409	0.41	cps
Silver	109-1	1842	1775	2025	1881	6.89	cps
Silver	107-1	1959	2067	2317	2114	8.69	cps
Sodium	23-2	1800261	1818166	1786592	1801673	0.88	cps
Strontium	86-1	6573168	6517032	6480900	6523700	0.71	cps
Strontium	88-1	57210118	57023064	56714733	56982638	0.44	cps
Sulfur	34-1	716207	713807	715000	715005	0.17	cps
Terbium	159-1	9851774	9901595	9659973	9804447	1.30	cps
Terbium	159-2	1822263	1805324	1800009	1809198	0.64	cps
Thallium	203-1	2125	2042	2425	2198	9.18	cps
Thallium	205-1	5085	4935	5560	5193	6.29	cps
Tin	118-1	4693	4042	4451	4395	7.48	cps
Titanium	47-1	358	392	450	400	11.60	cps
Uranium	238-1	308097	307700	309792	308530	0.36	cps
Vanadium	51-2	73	90	63	76	17.83	cps
Yttrium	89-1	6842579	6860646	6778510	6827245	0.63	cps
Yttrium	89-2	182365	183289	183410	183021	0.31	cps
Zinc	66-2	52483	51231	51934	51882	1.21	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	J5357-03	Instrumnet Name :	P8
Client Sample ID :	380926029.0-FISUN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 15:57:43	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3017	2692	2542	2750	8.83	cps
Zirconium	91-1	650	633	592	625	4.81	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296340	296287	299172	297266	0.56	cps
Antimony	121-1	5239599	5313095	5355451	5302715	1.11	cps
Arsenic	75-1	1183960	1191298	1189621	1188293	0.32	cps
Barium	135-1	5734628	5756502	5795173	5762101	0.53	cps
Barium	137-1	9989527	9999528	10022045	10003700	0.17	cps
Beryllium	9-1	607493	608955	611250	609233	0.31	cps
Bismuth	209-1	5800704	5809960	5836611	5815758	0.32	cps
Bismuth	209-2	1355752	1365540	1332952	1351415	1.24	cps
Boron	11-1	376092	382293	389754	382713	1.79	cps
Boron	10-1	76663	77384	79462	77836	1.87	cps
Cadmium	106-1	123209	121005	123300	122505	1.06	cps
Cadmium	108-1	82739	82291	81356	82129	0.86	cps
Cadmium	111-1	1145577	1143320	1149629	1146175	0.28	cps
Calcium	43-1	4901838	5001830	4946640	4950103	1.01	cps
Calcium	44-1	80014662	80894433	80829508	80579534	0.61	cps
Chromium	52-2	380335	383766	385236	383112	0.66	cps
Cobalt	59-2	816277	819925	829251	821818	0.81	cps
Copper	63-2	1401188	1408459	1409831	1406493	0.33	cps
Dysprosium	156-1	83	83	150	106	36.46	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	0	17	7	8	107.84	cps
Gadolinium	160-1	108	125	108	114	8.45	cps
Gadolinium	160-2	40	37	27	34	20.14	cps
Holmium	165-1	8469005	8499795	8664208	8544336	1.23	cps
Holmium	165-2	1740697	1717458	1714370	1724175	0.83	cps
Indium	115-1	5802582	5828662	5860324	5830523	0.50	cps
Indium	115-2	227259	229534	225883	227559	0.81	cps
Iron	56-2	63619192	63104096	63488622	63403970	0.42	cps
Iron	57-2	1623979	1633357	1648379	1635238	0.75	cps
Krypton	83-1	313	340	410	354	14.09	cps
Lead	207-1	3700476	3702412	3706537	3703141	0.08	cps
Lead	208-1	16524023	16502888	16469556	16498822	0.17	cps
Lead	206-1	4027920	4047556	4003365	4026280	0.55	cps
Lithium	6-1	1006421	1022005	1025120	1017849	0.98	cps
Magnesium	24-2	6240304	6257272	6282865	6260147	0.34	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215982	215244	217359	216195	0.50	cps
Molybdenum	94-1	8802971	8793223	8870714	8822303	0.48	cps
Molybdenum	95-1	10749978	10789320	10831134	10790144	0.38	cps
Molybdenum	96-1	12012791	12016933	12164420	12064715	0.72	cps
Molybdenum	97-1	6776695	6768436	6872597	6805909	0.85	cps
Molybdenum	98-1	17426889	17416443	17571943	17471758	0.50	cps
Neodymium	150-1	273	260	380	304	21.60	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	244914	246126	245802	245614	0.26	cps
Phosphorus	31-2	3451	3659	3701	3603	3.72	cps
Potassium	39-2	1628694	1629487	1635255	1631145	0.22	cps
Rhodium	103-1	5267835	5255408	5246070	5256438	0.21	cps
Rhodium	103-2	1326352	1333857	1313972	1324727	0.76	cps
Scandium	45-1	3107780	3101317	3105886	3104994	0.11	cps
Scandium	45-2	20939	20996	20325	20753	1.79	cps
Selenium	77-2	280	350	327	319	11.18	cps
Selenium	78-2	1154	1059	1124	1112	4.34	cps
Selenium	82-1	66317	65895	66229	66147	0.34	cps
Silicon	28-1	2076619	2113967	2106489	2099025	0.94	cps
Silver	109-1	5190282	5265666	5230320	5228756	0.72	cps
Silver	107-1	5481339	5474086	5443926	5466451	0.36	cps
Sodium	23-2	13965606	13927523	14077414	13990181	0.56	cps
Strontium	86-1	1315521	1318187	1322082	1318597	0.25	cps
Strontium	88-1	11453827	11592211	11467225	11504421	0.66	cps
Sulfur	34-1	574818	573850	577635	575435	0.34	cps
Terbium	159-1	8613589	8679671	8680293	8657851	0.44	cps
Terbium	159-2	1666904	1670920	1636437	1658087	1.14	cps
Thallium	203-1	5010556	5014621	5088406	5037861	0.87	cps
Thallium	205-1	11864285	11799481	11728334	11797367	0.58	cps
Tin	118-1	3725109	3739045	3736255	3733470	0.20	cps
Titanium	47-1	2479949	2542870	2508748	2510523	1.25	cps
Uranium	238-1	17234937	17578931	17511545	17441804	1.05	cps
Vanadium	51-2	271967	272708	274671	273116	0.51	cps
Yttrium	89-1	5957625	5991957	6007142	5985575	0.42	cps
Yttrium	89-2	164940	167523	164662	165708	0.95	cps
Zinc	66-2	131529	133202	132781	132504	0.66	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:01:04	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7274541	7338418	7318295	7310418	0.45	cps
Zirconium	91-1	1672618	1670838	1663031	1668829	0.31	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	8	20	16	45.60	cps
Antimony	121-1	13683	12398	12006	12695	6.91	cps
Arsenic	75-1	917	867	817	867	5.77	cps
Barium	135-1	300	325	133	253	41.22	cps
Barium	137-1	517	417	233	389	36.95	cps
Beryllium	9-1	578	561	494	544	8.10	cps
Bismuth	209-1	6378459	6330152	6217414	6308675	1.31	cps
Bismuth	209-2	1465329	1440132	1479930	1461797	1.38	cps
Boron	11-1	29189	28037	25774	27667	6.28	cps
Boron	10-1	6152	5893	5376	5807	6.80	cps
Cadmium	106-1	1350	1358	1158	1289	8.78	cps
Cadmium	108-1	38	17	38	31	39.36	cps
Cadmium	111-1	1098	1152	918	1056	11.60	cps
Calcium	43-1	600	467	417	494	19.17	cps
Calcium	44-1	13499	12890	11864	12751	6.48	cps
Chromium	52-2	330	367	280	326	13.36	cps
Cobalt	59-2	77	60	67	68	12.38	cps
Copper	63-2	430	400	437	422	4.63	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	8832528	8684164	8474016	8663569	2.08	cps
Holmium	165-2	1765218	1723604	1752838	1747220	1.22	cps
Indium	115-1	6313797	6283499	6161204	6252833	1.29	cps
Indium	115-2	243913	242466	245808	244062	0.69	cps
Iron	56-2	3762	3451	3201	3471	8.10	cps
Iron	57-2	83	67	61	70	16.44	cps
Krypton	83-1	343	357	403	368	8.57	cps
Lead	207-1	806	667	639	704	12.69	cps
Lead	208-1	3428	3167	2939	3178	7.70	cps
Lead	206-1	861	795	772	809	5.72	cps
Lithium	6-1	1090683	1086310	1080475	1085823	0.47	cps
Magnesium	24-2	567	533	583	561	4.54	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	47	30	37	24.06	cps
Molybdenum	94-1	3701	3050	2792	3181	14.72	cps
Molybdenum	95-1	4484	4051	3392	3976	13.83	cps
Molybdenum	96-1	5060	4001	4101	4387	13.32	cps
Molybdenum	97-1	3092	2425	2175	2564	18.48	cps
Molybdenum	98-1	7161	6744	6077	6660	8.21	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	247	253	260	253	2.63	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2050	2350	1842	2081	12.28	cps
Rhodium	103-1	5875184	5770215	5734536	5793312	1.26	cps
Rhodium	103-2	1458328	1430747	1462065	1450380	1.18	cps
Scandium	45-1	3227172	3209921	3133679	3190257	1.56	cps
Scandium	45-2	20762	20742	20902	20802	0.42	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	33	14	-64	-6	-909.06	cps
Silicon	28-1	170353	171617	169660	170543	0.58	cps
Silver	109-1	1067	733	717	839	23.54	cps
Silver	107-1	1092	1092	817	1000	15.88	cps
Sodium	23-2	8978	8336	8711	8675	3.72	cps
Strontium	86-1	592	842	633	689	19.44	cps
Strontium	88-1	1542	1333	1292	1389	9.64	cps
Sulfur	34-1	294255	294687	296346	295096	0.37	cps
Terbium	159-1	9021108	8865186	8723658	8869984	1.68	cps
Terbium	159-2	1683836	1665478	1695334	1681549	0.90	cps
Thallium	203-1	2067	2042	1792	1967	7.73	cps
Thallium	205-1	4718	4301	3984	4334	8.49	cps
Tin	118-1	3351	2934	2525	2937	14.05	cps
Titanium	47-1	242	250	208	233	9.45	cps
Uranium	238-1	1117	583	758	820	33.18	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	6252373	6208823	6120262	6193819	1.09	cps
Yttrium	89-2	169338	166406	170688	168811	1.30	cps
Zinc	66-2	63	70	57	63	10.52	cps

LB Number :	LB98562	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2018-10-11 16:04:16	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2517	2475	2059	2350	10.79	cps
Zirconium	91-1	600	633	417	550	21.21	cps