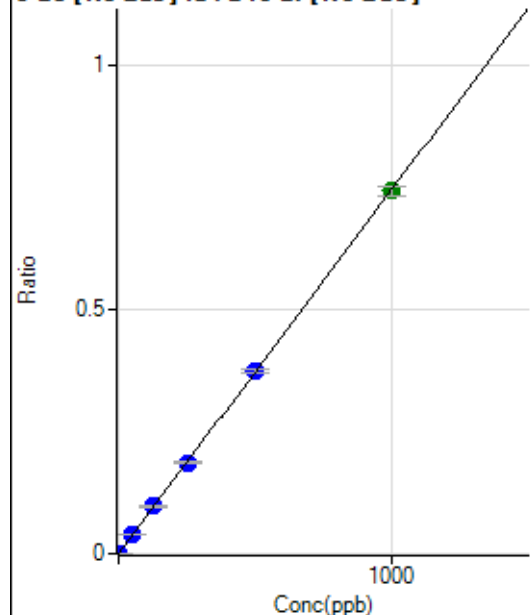


Batch Folder: D:\P8050918- MS.b\
Analysis File: P8050918- MS.batch.bin
DA Date-Time: 2018-05-10 11:24:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-05-09 13:33:55
2			
3	005CAL.S.d	S02	2018-05-09 13:41:28
4	006CAL.S.d	S03	2018-05-09 13:45:11
5	007CAL.S.d	S04	2018-05-09 13:48:54
6	008CAL.S.d	S05	2018-05-09 13:52:30
7	009CAL.S.d	S06	2018-05-09 13:56:01
8	010CAL.S.d	S07	2018-05-09 13:59:28
9	011CAL.S.d	S08	2018-05-09 14:02:49

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.85	0.0000	P	38.5
2	☐	0.100					
3	☐	1.000	0.978	1327.88	0.0008	P	6.6
4	☐	50.000	50.781	66270.85	0.0378	P	2.2
5	☐	125.000	130.141	165303.56	0.0969	P	5.6
6	☐	250.000	249.898	325775.08	0.1860	P	1.5
7	☐	500.000	503.747	643332.60	0.3748	P	1.7
8	☐	1000.000	997.470	1276314.22	0.7421	A	2.4
9	☐			272.23	0.0002	P	13.3

$$y = 7.4398\text{E-}004 * x + 3.0043\text{E-}005$$

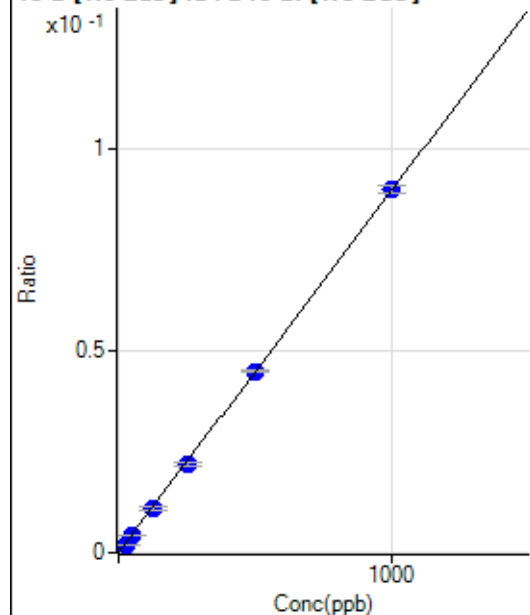
$$R = 1.0000$$

$$DL = 0.04664$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0001	P	9.1
2	☐	2.500					
3	☐	25.000	21.120	3433.90	0.0020	P	3.4
4	☐	50.000	47.822	7632.93	0.0044	P	5.0
5	☐	125.000	123.623	19021.74	0.0112	P	8.5
6	☐	250.000	244.799	38577.86	0.0220	P	4.2
7	☐	500.000	499.469	77024.25	0.0449	P	1.3
8	☐	1000.000	1001.944	154706.53	0.0899	P	2.1
9	☐			6365.59	0.0036	P	6.1

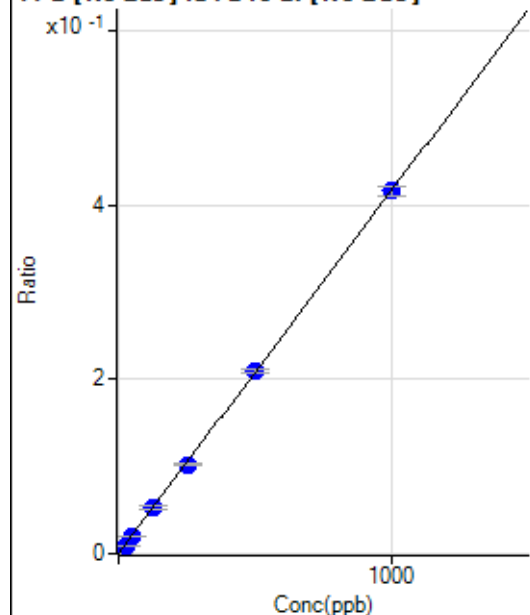
$$y = 8.9709\text{E-}005 * x + 6.4787\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1968$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	469.47	0.0003	P	15.7
2	☐	2.500					
3	☐	25.000	22.846	17147.11	0.0098	P	1.4
4	☐	50.000	48.658	35982.25	0.0205	P	2.5
5	☐	125.000	127.105	90708.67	0.0532	P	7.7
6	☐	250.000	244.399	178697.55	0.1020	P	2.3
7	☐	500.000	503.813	360492.05	0.2100	P	1.5
8	☐	1000.000	999.352	715912.23	0.4163	P	2.8
9	☐			29988.13	0.0171	P	9.6

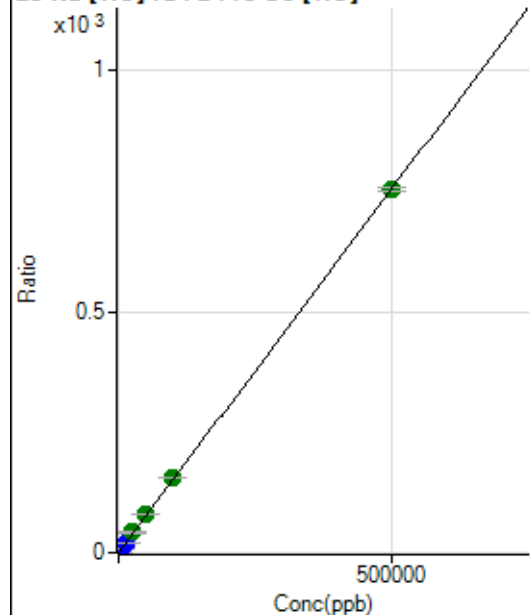
$$y = 4.1626\text{E-}004 * x + 2.7399\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7602.35	0.1666	P	1.9
2	☐	50.000					
3	☐	500.000	539.135	42723.69	0.9793	P	8.2
4	☐	5000.000	5404.873	377177.89	8.3142	P	1.9
5	☐	12500.000	13331.717	935219.91	20.2636	P	1.0
6	☐	25000.000	27868.580	1850770.46	42.1773	A	4.8
7	☐	50000.000	52341.025	3551617.79	79.0685	A	1.6
8	☐	100000.00	102812.16	6954324.81	155.1515	A	0.1
9	☐	500000.00	499035.15	35146068.84	752.4407	A	0.9

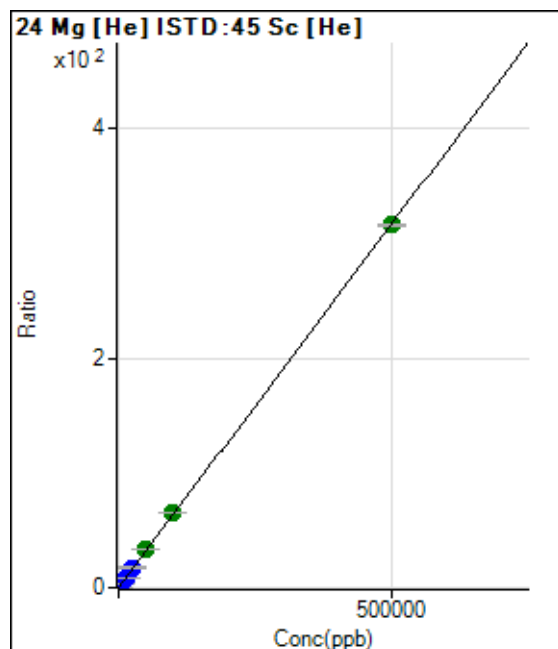
$$y = 0.0015 * x + 0.1666$$

$$R = 1.0000$$

$$DL = 6.271$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0047	P	20.6
2	☐	50.000					
3	☐	500.000	532.848	14947.39	0.3422	P	5.4
4	☐	5000.000	5359.770	154231.26	3.3998	P	2.3
5	☐	12500.000	13139.705	384368.00	8.3280	P	1.2
6	☐	25000.000	27148.012	754707.30	17.2015	P	5.2
7	☐	50000.000	52426.641	1491752.61	33.2141	A	2.1
8	☐	100000.00	102886.34	2921430.75	65.1776	A	0.0
9	☐	500000.00	499053.04	14766223.07	316.1277	A	0.7

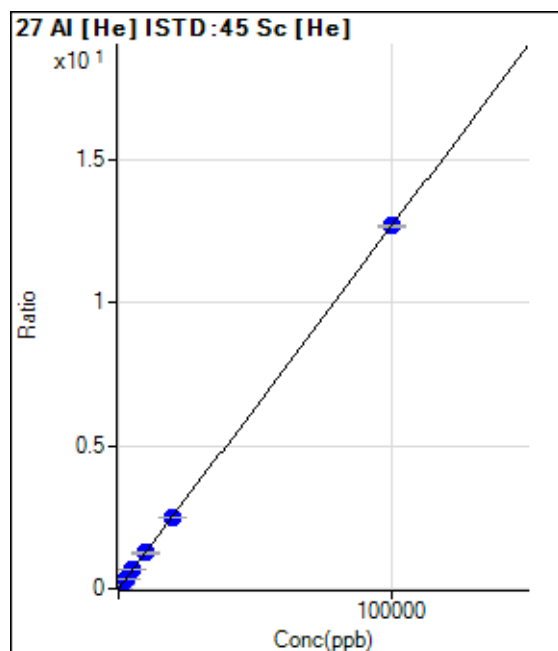
$$y = 6.3345\text{E-}004 * x + 0.0047$$

$$R = 1.0000$$

$$DL = 4.586$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0007	P	32.6
2	☐	2.000					
3	☐	20.000	22.173	152.79	0.0035	P	23.4
4	☐	1000.000	1028.242	5937.62	0.1309	P	2.2
5	☐	2500.000	2489.405	14583.08	0.3159	P	2.2
6	☐	5000.000	5143.677	28621.63	0.6521	P	3.8
7	☐	10000.000	9923.908	56469.15	1.2574	P	3.2
8	☐	20000.000	19459.731	110485.64	2.4650	P	0.8
9	☐	100000.00	100108.46	592192.04	12.6782	P	0.8

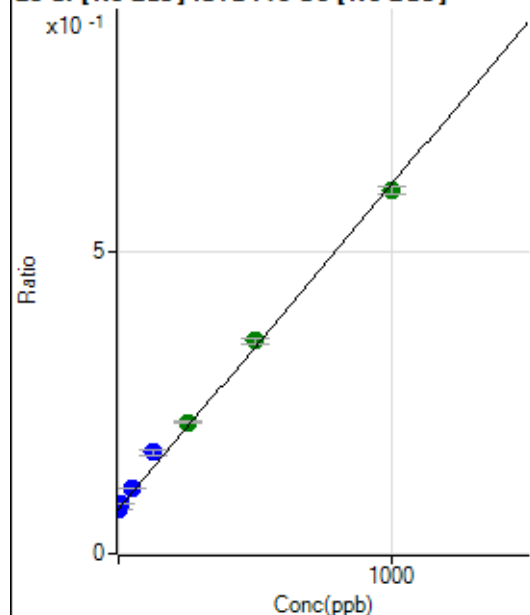
$$y = 1.2664\text{E-}004 * x + 6.7118\text{E-}004$$

$$R = 1.0000$$

$$DL = 5.18$$

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	417869.28	0.0736	P	2.7
2	☐	1.000					
3	☐	10.000	16.880	483883.06	0.0826	P	0.7
4	☐	50.000	65.604	638988.76	0.1088	P	0.8
5	☐	125.000	175.236	961450.02	0.1678	P	5.2
6	☐	250.000	267.187	1268786.24	0.2172	A	0.9
7	☐	500.000	517.658	2056432.90	0.3519	A	3.1
8	☐	1000.000	979.746	3485505.63	0.6003	A	2.2
9	☐			1706804.50	0.2785	A	3.0

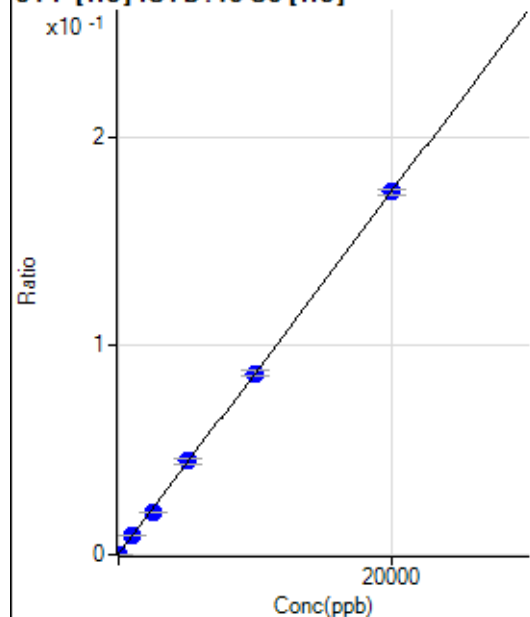
$$y = 5.3768\text{E-}004 * x + 0.0736$$

$$R = 0.9987$$

$$DL = 11.13$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	13.579	13.89	0.0003	P	34.7
2	☐	0.000					
3	☐	0.000	-13.579	2.78	0.0001	P	173.2
4	☐	1000.000	1043.780	419.47	0.0092	P	8.0
5	☐	2500.000	2308.894	933.40	0.0202	P	2.8
6	☐	5000.000	5126.314	1961.34	0.0447	P	4.3
7	☐	10000.000	9998.930	3906.28	0.0870	P	2.7
8	☐	20000.000	19990.656	7785.82	0.1737	P	1.4
9	☐			2.78	0.0001	P	173.2

$$y = 8.6795\text{E-}006 * x + 1.8662\text{E-}004$$

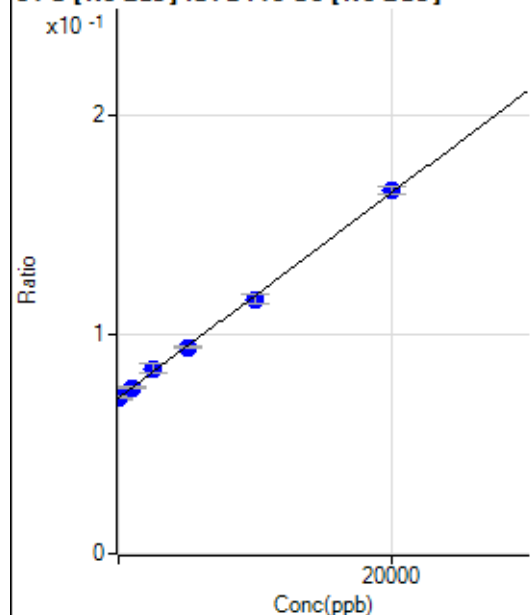
$$R = 0.9999$$

$$DL = 38.83$$

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	-23.413	403176.62	0.0710	P	1.4
2	☐	0.000					
3	☐	0.000	23.413	416788.84	0.0712	P	1.1
4	☐	1000.000	981.666	444174.59	0.0756	P	0.9
5	☐	2500.000	2813.704	482536.61	0.0842	P	5.3
6	☐	5000.000	4889.640	548518.57	0.0939	P	0.8
7	☐	10000.000	9628.857	678145.40	0.1160	P	3.3
8	☐	20000.000	20174.865	959782.02	0.1653	P	2.2
9	☐			384077.95	0.0627	P	1.1

$$y = 4.6717\text{E-}006 * x + 0.0711$$

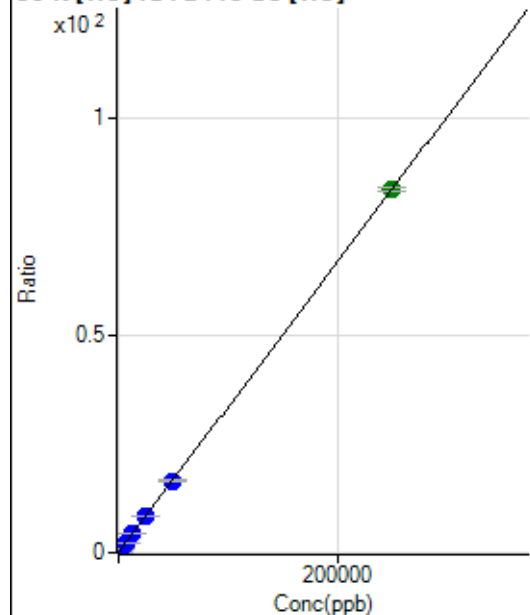
$$R = 0.9996$$

$$DL = 578.3$$

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	2897.64	0.0635	P	6.4
2	☐	50.000					
3	☐	500.000	530.514	10490.42	0.2403	P	6.7
4	☐	2500.000	2579.104	41879.94	0.9232	P	2.1
5	☐	6250.000	6395.037	101313.16	2.1952	P	1.7
6	☐	12500.000	13245.656	196466.38	4.4787	P	5.7
7	☐	25000.000	25031.869	377593.01	8.4075	P	2.3
8	☐	50000.000	49476.866	742074.29	16.5559	P	0.9
9	☐	250000.00	250059.67	3896374.87	83.4173	A	0.9

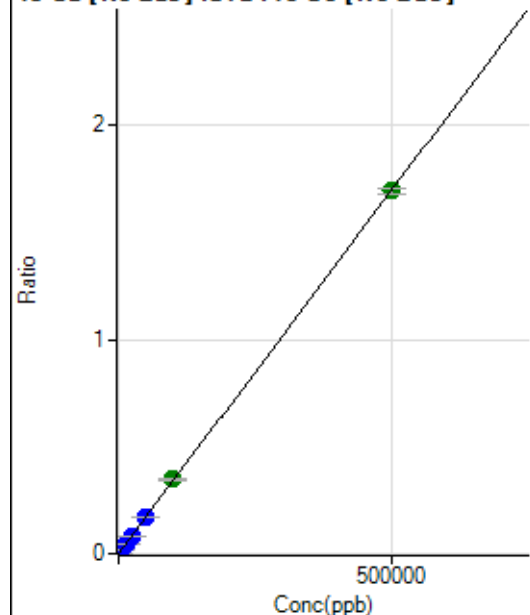
$$y = 3.3334\text{E-}004 * x + 0.0635$$

$$R = 1.0000$$

$$DL = 36.79$$

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	941.75	0.0002	P	3.9
2	☐	50.000					
3	☐	500.000	461.390	10126.31	0.0017	P	1.3
4	☐	5000.000	5016.231	100771.78	0.0172	P	0.3
5	☐	12500.000	12903.108	251474.02	0.0439	P	5.4
6	☐	25000.000	24968.220	495133.04	0.0848	P	0.9
7	☐	50000.000	50619.476	1003296.87	0.1717	P	3.0
8	☐	100000.00	102574.97	2018790.71	0.3477	A	2.2
9	☐	500000.00	499414.44	10373213.77	1.6923	A	1.6

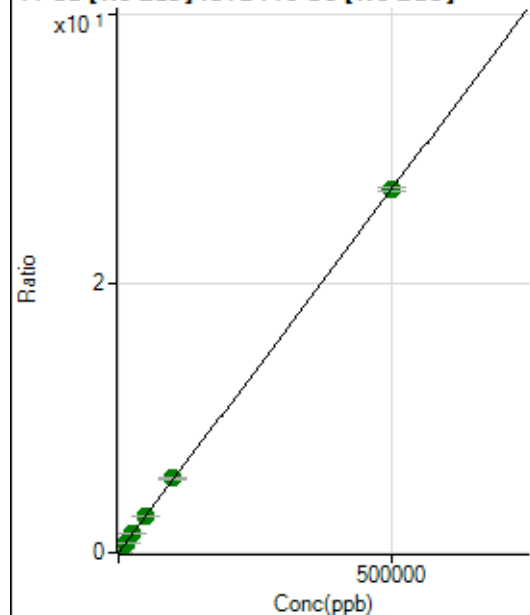
$$y = 3.3882\text{E-}006 * x + 1.6578\text{E-}004$$

$$R = 1.0000$$

$$DL = 5.771$$

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	35844.32	0.0063	P	1.1
2	☐	50.000					
3	☐	500.000	465.084	184089.36	0.0314	P	1.2
4	☐	5000.000	5136.335	1666486.75	0.2838	A	0.6
5	☐	12500.000	12948.280	4046095.15	0.7059	A	4.6
6	☐	25000.000	25196.650	7988671.01	1.3676	A	0.9
7	☐	50000.000	50641.367	16027406.95	2.7423	A	2.8
8	☐	100000.00	102024.22	32039472.59	5.5184	A	2.1
9	☐	500000.00	499508.65	165463996.7	26.9935	A	0.9

$$y = 5.4027\text{E-}005 * x + 0.0063$$

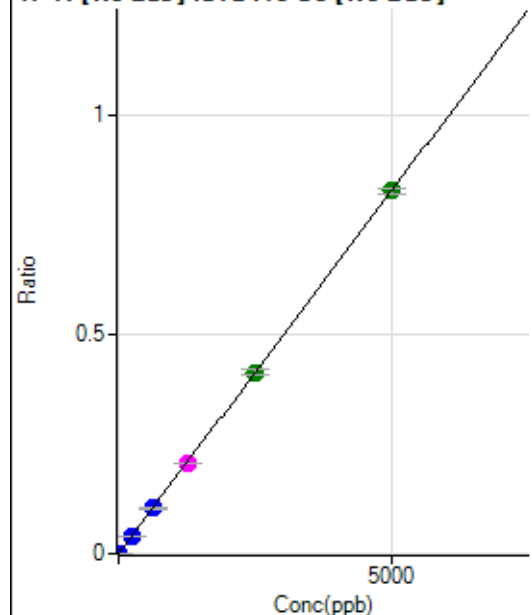
$$R = 1.0000$$

$$DL = 3.997$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	25.2
2	☐	0.500					
3	☐	5.000	4.704	4723.26	0.0008	P	5.0
4	☐	250.000	248.212	241308.76	0.0411	P	0.5
5	☐	625.000	634.317	601752.59	0.1050	P	4.6
6	☐	1250.000	1238.189	1196931.76	0.2049	M	0.5
7	☐	2500.000	2503.126	2420763.88	0.4142	A	2.6
8	☐	5000.000	5000.315	4803740.99	0.8274	A	1.8
9	☐			1614.06	0.0003	P	0.8

$$y = 1.6546E-004 * x + 2.8286E-005$$

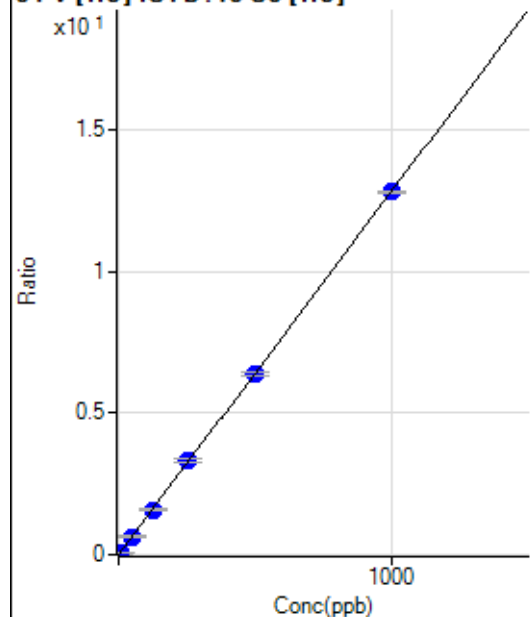
$$R = 1.0000$$

$$DL = 0.1295$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0002	P	57.1
2	☐	0.500					
3	☐	5.000	5.042	2834.79	0.0649	P	5.2
4	☐	50.000	50.128	29193.95	0.6435	P	0.7
5	☐	125.000	124.050	73483.76	1.5921	P	0.9
6	☐	250.000	259.031	145838.60	3.3244	P	5.6
7	☐	500.000	498.044	287074.44	6.3916	P	1.9
8	☐	1000.000	998.832	574539.94	12.8182	P	0.4
9	☐			326.68	0.0070	P	11.9

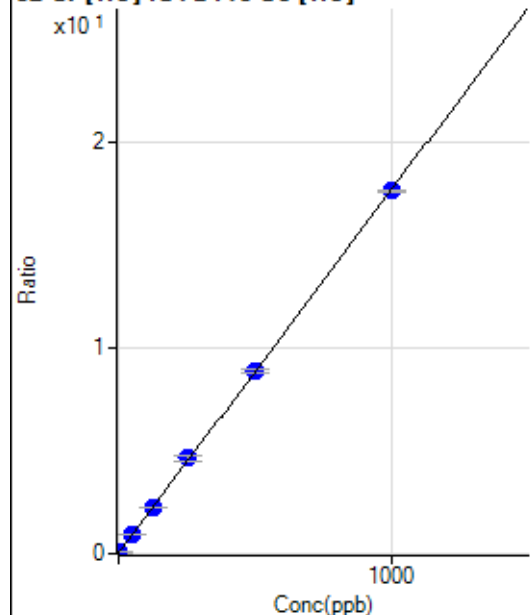
$$y = 0.0128 * x + 1.9426E-004$$

$$R = 0.9999$$

$$DL = 0.02593$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	904.49	0.0198	P	4.6
2	☐	0.200					
3	☐	2.000	2.253	2603.63	0.0597	P	8.7
4	☐	50.000	50.999	41821.43	0.9219	P	1.5
5	☐	125.000	125.451	103325.47	2.2388	P	0.9
6	☐	250.000	262.088	204198.51	4.6555	P	6.0
7	☐	500.000	500.451	398463.66	8.8716	P	1.8
8	☐	1000.000	996.646	791019.76	17.6481	P	0.6
9	☐			34194.15	0.7321	P	1.8

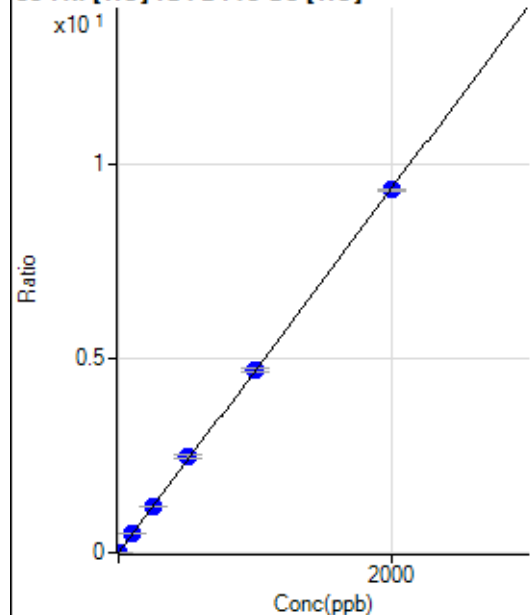
$$y = 0.0177 * x + 0.0198$$

$$R = 0.9999$$

$$DL = 0.1549$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0013	P	36.3
2	☐	0.100					
3	☐	1.000	1.162	292.23	0.0067	P	19.1
4	☐	100.000	103.463	22012.02	0.4852	P	2.3
5	☐	250.000	253.788	54845.08	1.1884	P	1.6
6	☐	500.000	528.132	108458.02	2.4716	P	4.7
7	☐	1000.000	999.865	210115.17	4.6782	P	2.0
8	☐	2000.000	1992.388	417782.85	9.3207	P	0.4
9	☐			1821.26	0.0390	P	5.2

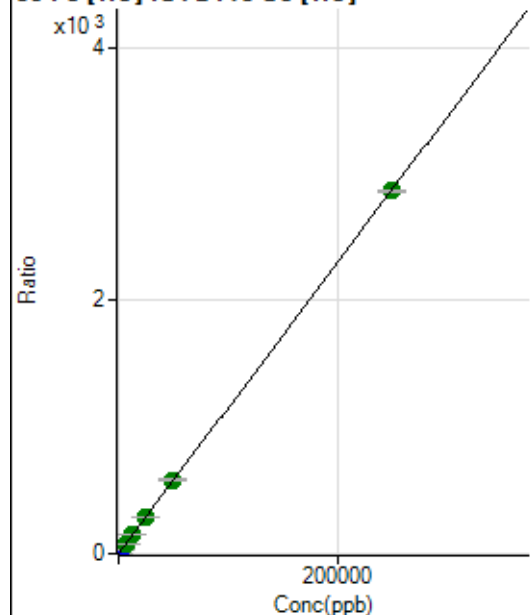
$$y = 0.0047 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.296$$

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	2415.09	0.0529	P	3.3
2	☐	5.000					
3	☐	50.000	52.922	28824.88	0.6606	P	7.4
4	☐	2500.000	2610.249	1362091.96	30.0233	P	0.4
5	☐	6250.000	6498.869	3446157.51	74.6718	A	1.6
6	☐	12500.000	13359.532	6733164.50	153.4447	A	4.8
7	☐	25000.000	25500.619	13152858.05	292.8465	A	2.0
8	☐	50000.000	50883.042	26188833.69	584.2830	A	0.5
9	☐	250000.00	249723.02	133931584.4	2,867.328	A	0.4

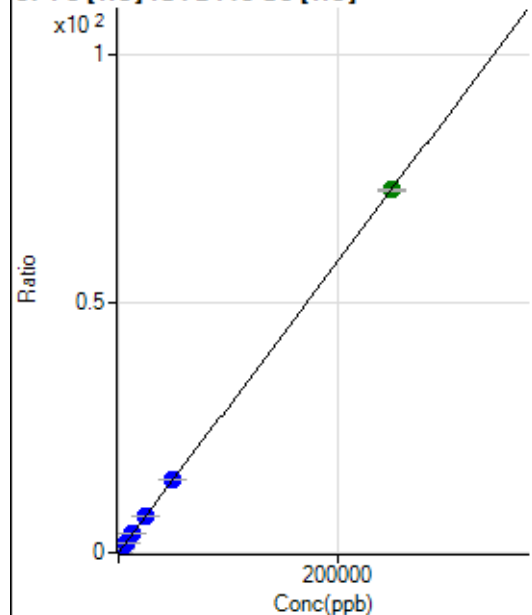
$$y = 0.0115 * x + 0.0529$$

$$R = 1.0000$$

$$DL = 0.4583$$

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	72.23	0.0016	P	19.7
2	☐	5.000					
3	☐	50.000	48.287	681.52	0.0156	P	11.3
4	☐	2500.000	2556.808	33845.36	0.7460	P	0.9
5	☐	6250.000	6364.702	85600.43	1.8547	P	1.2
6	☐	12500.000	13184.569	168474.89	3.8404	P	5.6
7	☐	25000.000	25152.277	328943.20	7.3249	P	3.0
8	☐	50000.000	50291.195	656393.82	14.6444	P	0.3
9	☐	250000.00	249888.87	3398555.00	72.7593	A	0.4

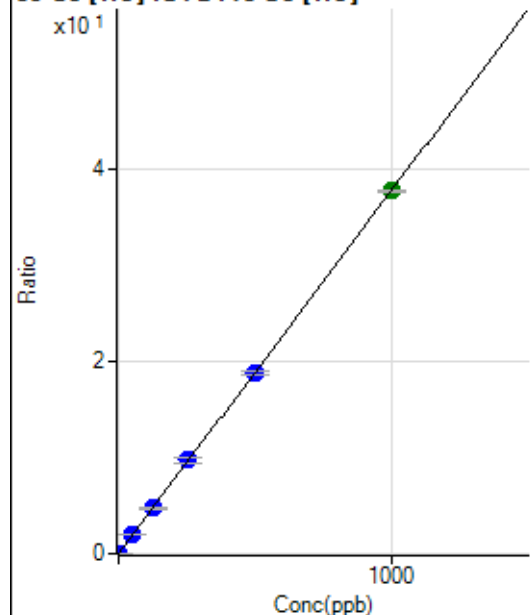
$$y = 2.9116E-004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 3.206$$

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	103.34	0.0023	P	8.4
2	☐	0.100					
3	☐	1.000	1.045	1815.71	0.0417	P	13.5
4	☐	50.000	50.860	87195.02	1.9220	P	0.6
5	☐	125.000	124.953	217780.32	4.7187	P	1.2
6	☐	250.000	258.773	428557.80	9.7697	P	5.8
7	☐	500.000	497.238	843048.61	18.7707	P	2.1
8	☐	1000.000	999.151	1690489.65	37.7156	A	0.5
9	☐			2799.22	0.0599	P	6.4

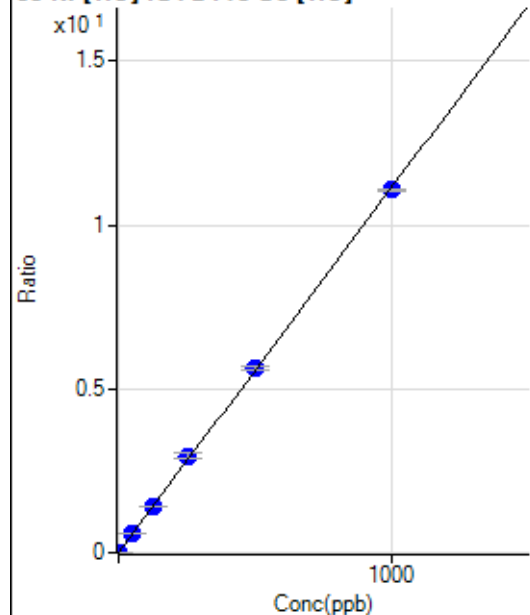
$$y = 0.0377 * x + 0.0023$$

$$R = 1.0000$$

$$DL = 0.01507$$

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	123.34	0.0027	P	23.9
2	☐	0.100					
3	☐	1.000	1.052	627.80	0.0144	P	12.1
4	☐	50.000	52.296	26541.09	0.5850	P	1.3
5	☐	125.000	127.125	65457.34	1.4183	P	1.3
6	☐	250.000	264.152	129166.97	2.9441	P	5.4
7	☐	500.000	504.102	252227.76	5.6160	P	2.2
8	☐	1000.000	994.031	496252.68	11.0716	P	0.3
9	☐			13348.82	0.2858	P	2.0

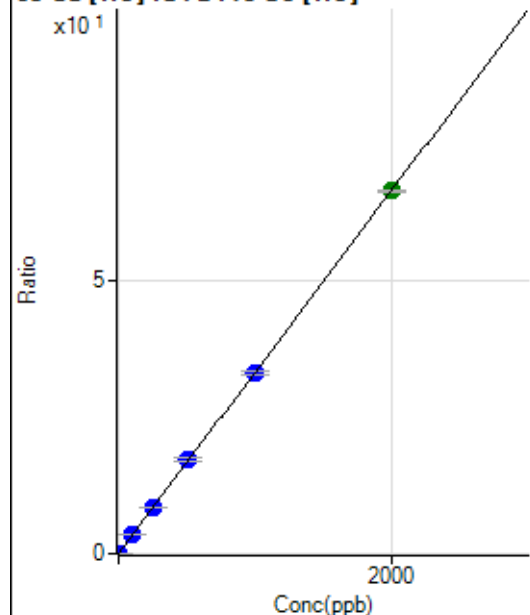
$$y = 0.0111 * x + 0.0027$$

$$R = 0.9999$$

$$DL = 0.1738$$

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	1258.97	0.0276	P	3.1
2	☐	0.200					
3	☐	2.000	2.188	4371.87	0.1003	P	9.6
4	☐	100.000	101.943	154912.29	3.4147	P	1.1
5	☐	250.000	249.106	383272.44	8.3042	P	0.6
6	☐	500.000	518.472	756993.05	17.2540	P	5.3
7	☐	1000.000	993.586	1483980.90	33.0399	P	1.8
8	☐	2000.000	1998.603	2977616.73	66.4320	A	0.5
9	☐			5274.44	0.1129	P	0.7

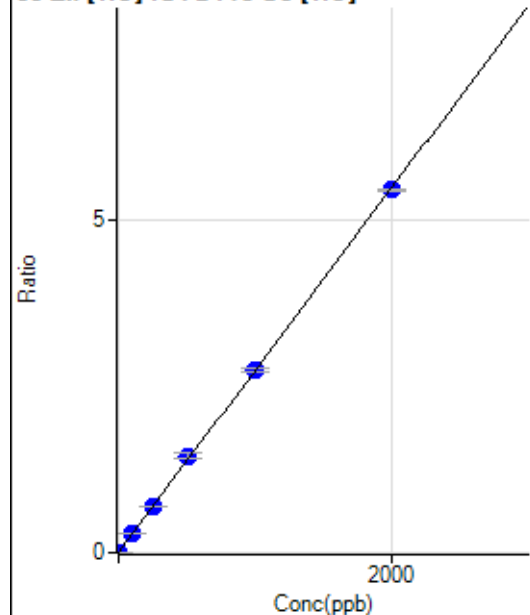
$$y = 0.0332 * x + 0.0276$$

$$R = 0.9999$$

$$DL = 0.07744$$

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	196.67	0.0043	P	11.4
2	☐	0.200					
3	☐	2.000	1.593	376.68	0.0087	P	25.1
4	☐	100.000	105.603	13279.84	0.2927	P	1.7
5	☐	250.000	255.029	32347.95	0.7008	P	0.7
6	☐	500.000	527.950	63435.43	1.4463	P	6.0
7	☐	1000.000	1004.236	123379.11	2.7471	P	2.1
8	☐	2000.000	1989.986	243803.66	5.4394	P	0.4
9	☐			935.61	0.0200	P	5.9

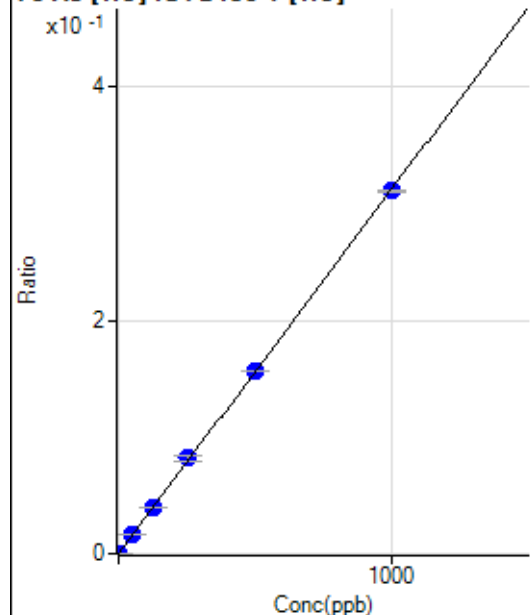
$$y = 0.0027 * x + 0.0043$$

$$R = 0.9999$$

$$DL = 0.5393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.64	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	1.050	95.07	0.0004	P	18.1
4	☐	50.000	51.011	4442.11	0.0160	P	1.7
5	☐	125.000	127.127	11151.48	0.0397	P	1.8
6	☐	250.000	262.328	22115.29	0.0820	P	6.1
7	☐	500.000	500.936	43559.77	0.1565	P	0.3
8	☐	1000.000	996.133	87253.99	0.3112	P	0.8
9	☐			75.31	0.0003	P	5.2

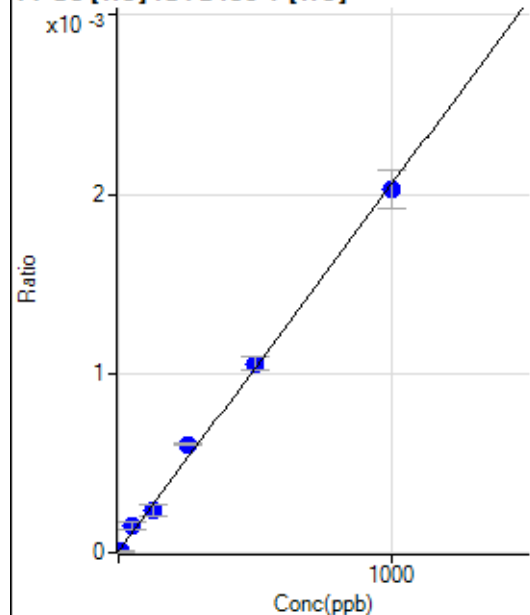
$$y = 3.1233\text{E-}004 * x + 3.1291\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.07566$$

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	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	0.247	2.22	0.0000	P	87.2
4	☐	50.000	70.243	42.22	0.0002	P	24.2
5	☐	125.000	110.287	65.55	0.0002	P	25.8
6	☐	250.000	291.306	163.34	0.0006	P	1.3
7	☐	500.000	511.116	293.34	0.0011	P	7.4
8	☐	1000.000	984.966	567.80	0.0020	P	10.4
9	☐			3.33	0.0000	P	173.2

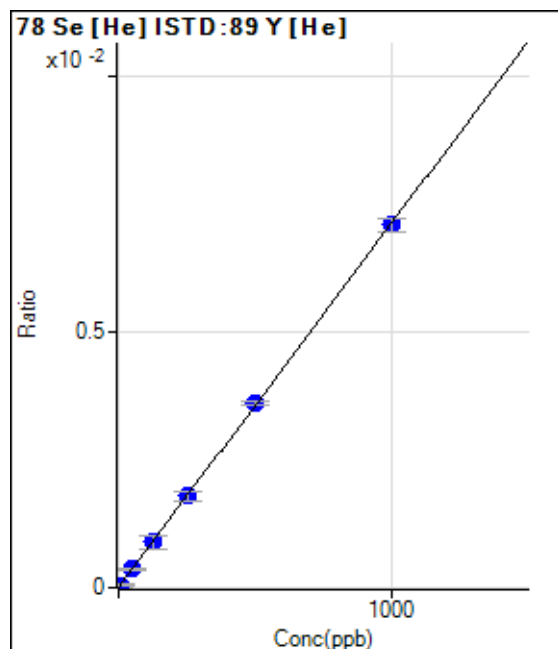
$$y = 2.0461\text{E-}006 * x + 8.0180\text{E-}006$$

$$R = 0.9985$$

$$DL = 20.36$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.050	12.96	0.0000	P	61.9
4	☐	50.000	51.033	102.47	0.0004	P	8.8
5	☐	125.000	123.460	248.15	0.0009	P	30.4
6	☐	250.000	251.992	485.20	0.0018	P	10.8
7	☐	500.000	508.126	1009.31	0.0036	P	2.3
8	☐	1000.000	995.575	1991.52	0.0071	P	3.9
9	☐			3.71	0.0000	P	86.6

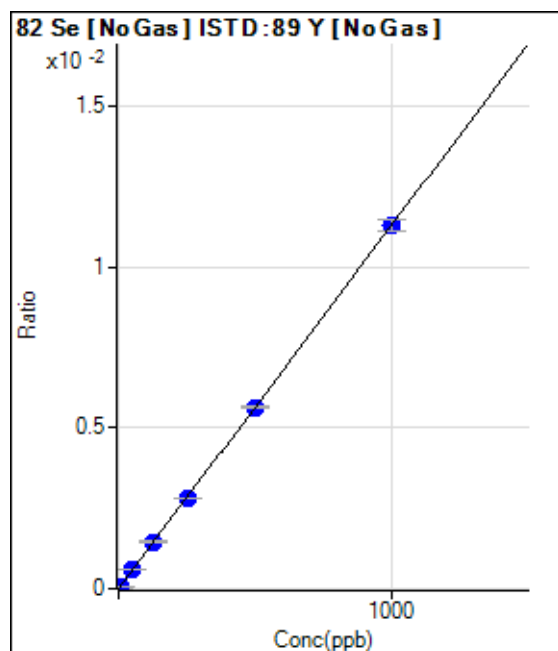
$$y = 7.1271\text{E-}006 * x + 4.4547\text{E-}006$$

$$R = 0.9999$$

$$DL = 3.248$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-37.54	0.0000	P	-238.
2	☐	0.500					
3	☐	5.000	5.315	504.76	0.0001	P	15.4
4	☐	50.000	51.827	5305.02	0.0006	P	2.0
5	☐	125.000	129.504	13139.91	0.0015	P	6.2
6	☐	250.000	251.255	26230.55	0.0028	P	0.1
7	☐	500.000	500.162	53266.74	0.0056	P	2.0
8	☐	1000.000	998.949	107913.89	0.0113	P	3.2
9	☐			121.32	0.0000	P	29.7

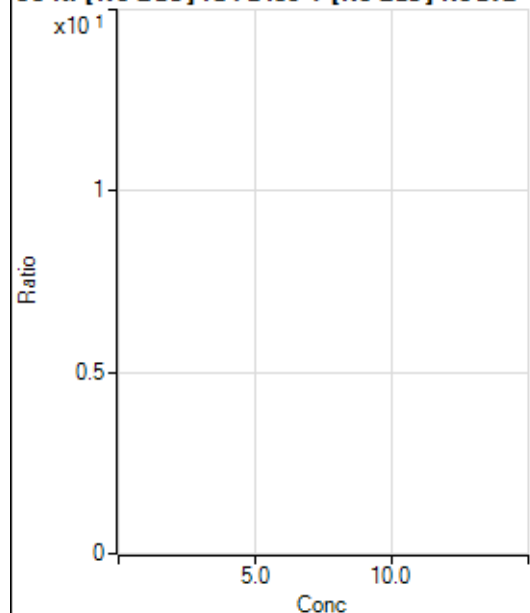
$$y = 1.1298\text{E-}005 * x - 4.1489\text{E-}006$$

$$R = 1.0000$$

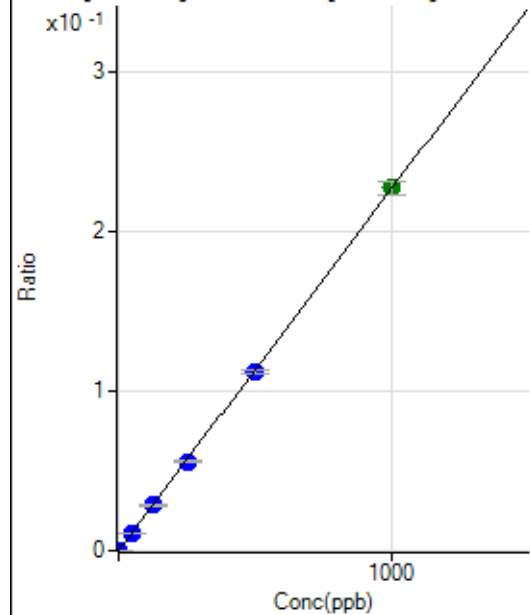
$$DL = 2.627$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			395.57	0.0000	P	13.3
2	☐						
3	☐			361.12	0.0000	P	12.0
4	☐			378.90	0.0000	P	13.4
5	☐			410.01	0.0000	P	4.6
6	☐			417.79	0.0000	P	15.0
7	☐			434.46	0.0000	P	9.5
8	☐			420.01	0.0000	P	10.7
9	☐			406.68	0.0000	P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	586.15	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	0.944	2517.02	0.0003	P	7.8
4	☐	50.000	49.461	102670.43	0.0113	P	1.1
5	☐	125.000	125.938	257131.02	0.0286	P	5.7
6	☐	250.000	246.735	517035.75	0.0559	P	0.5
7	☐	500.000	495.376	1057600.96	0.1121	P	2.1
8	☐	1000.000	1003.038	2170338.74	0.2269	A	4.0
9	☐			75825.37	0.0076	P	1.9

$$y = 2.2619E-004 * x + 6.5320E-005$$

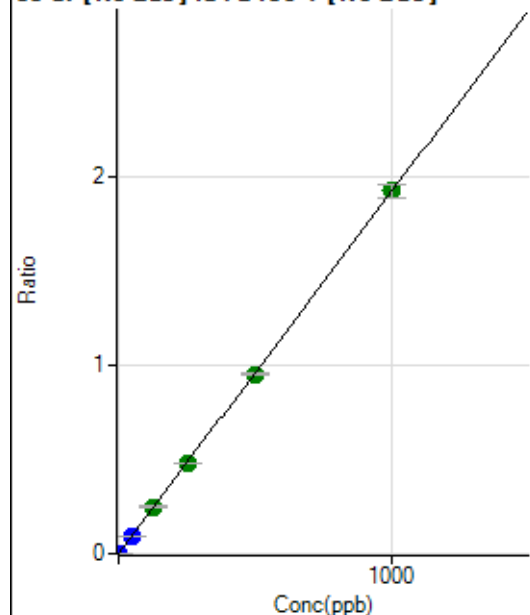
$$R = 1.0000$$

$$DL = 0.02879$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	6.9
2	☐	0.100					
3	☐	1.000	0.968	16980.72	0.0019	P	2.6
4	☐	50.000	50.311	883517.04	0.0968	P	0.5
5	☐	125.000	130.007	2253673.88	0.2502	A	5.2
6	☐	250.000	248.860	4431565.81	0.4789	A	0.8
7	☐	500.000	495.203	8989958.01	0.9529	A	1.5
8	☐	1000.000	1002.042	18440881.66	1.9282	A	4.0
9	☐			642601.64	0.0648	P	0.3

$$y = 0.0019 * x + 1.8885E-005$$

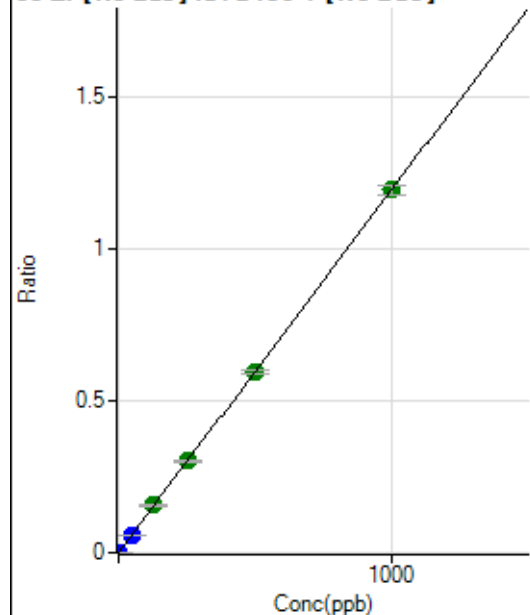
$$R = 1.0000$$

$$DL = 0.002043$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.59	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	0.917	10423.92	0.0012	P	2.7
4	☐	50.000	49.853	542799.80	0.0595	P	1.2
5	☐	125.000	130.354	1400188.81	0.1555	A	5.4
6	☐	250.000	252.061	2781065.95	0.3005	A	1.0
7	☐	500.000	497.255	5592210.80	0.5928	A	2.2
8	☐	1000.000	1000.195	11405826.47	1.1924	A	3.0
9	☐			3636.77	0.0004	P	5.7

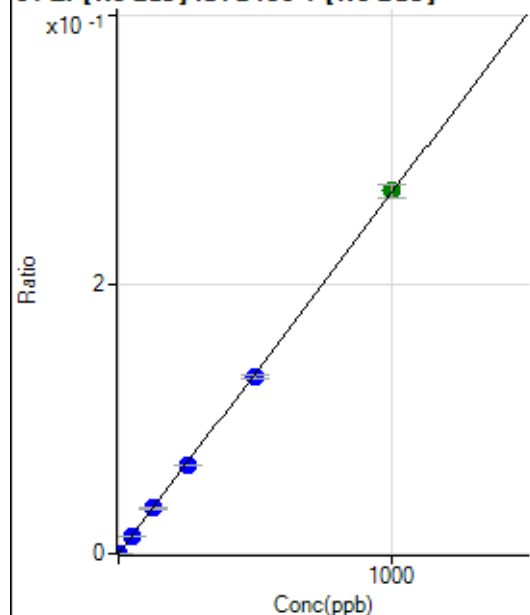
$$y = 0.0012 * x + 6.1954E-005$$

$$R = 1.0000$$

$$DL = 0.01245$$

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	172.23	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.844	2214.18	0.0002	P	12.3
4	☐	50.000	48.334	118342.51	0.0130	P	1.5
5	☐	125.000	126.334	304987.38	0.0339	P	6.3
6	☐	250.000	243.984	605153.81	0.0654	P	0.5
7	☐	500.000	490.651	1240449.43	0.1315	P	1.7
8	☐	1000.000	1006.095	2578581.22	0.2696	A	3.8
9	☐			816.73	0.0001	P	2.0

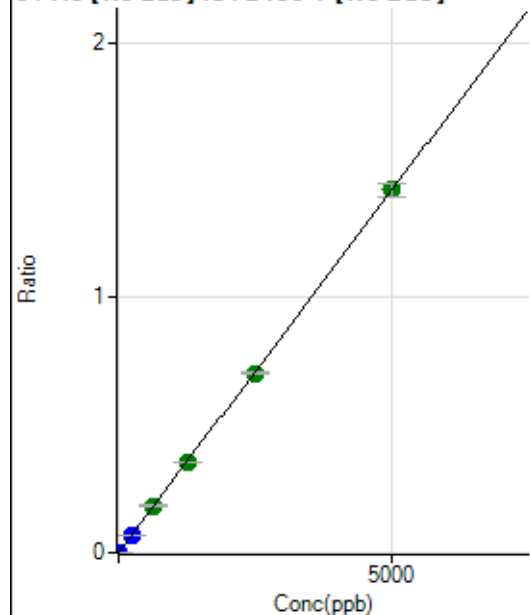
$$y = 2.6796\text{E-}004 * x + 1.9204\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04205$$

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	316.69	0.0000	P	7.9
2	☐	0.500					
3	☐	5.000	4.525	11925.18	0.0013	P	3.2
4	☐	250.000	248.098	643638.45	0.0705	P	0.4
5	☐	625.000	643.408	1647094.20	0.1829	A	5.7
6	☐	1250.000	1245.403	3275417.54	0.3540	A	0.8
7	☐	2500.000	2478.432	6644926.62	0.7044	A	1.6
8	☐	5000.000	5009.728	13616013.85	1.4237	A	4.0
9	☐			18852.70	0.0019	P	3.0

$$y = 2.8419\text{E-}004 * x + 3.5280\text{E-}005$$

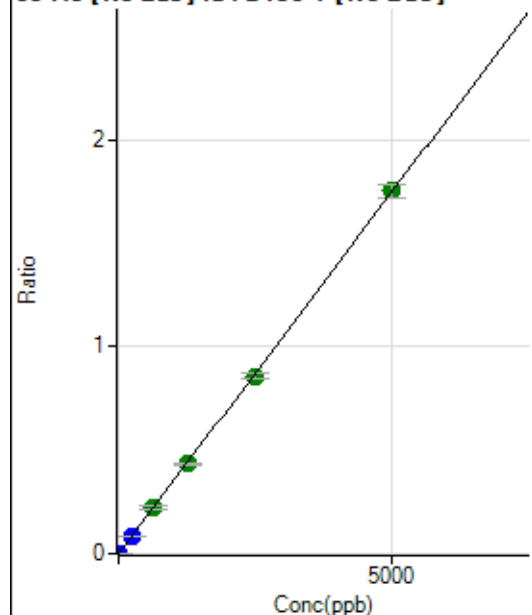
$$R = 1.0000$$

$$DL = 0.02957$$

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	219.45	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	4.766	15231.32	0.0017	P	0.4
4	☐	250.000	245.676	782372.14	0.0857	P	0.5
5	☐	625.000	643.049	2021221.96	0.2244	A	5.5
6	☐	1250.000	1239.235	4001451.30	0.4324	A	1.1
7	☐	2500.000	2452.208	8070150.70	0.8557	A	3.3
8	☐	5000.000	5024.548	16768387.70	1.7532	A	3.6
9	☐			30462.93	0.0031	P	4.4

$$y = 3.4893E-004 * x + 2.4490E-005$$

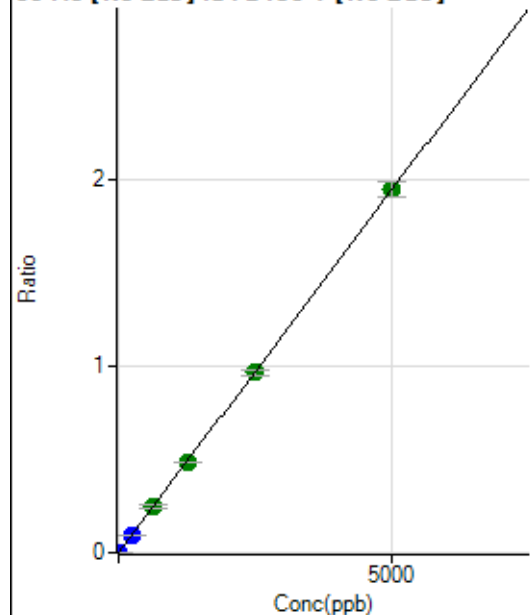
$$R = 0.9999$$

$$DL = 0.03233$$

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	338.91	0.0000	P	17.8
2	☐	0.500					
3	☐	5.000	4.635	16566.35	0.0018	P	2.7
4	☐	250.000	246.652	873235.24	0.0957	P	0.3
5	☐	625.000	641.589	2241186.94	0.2489	A	6.2
6	☐	1250.000	1245.236	4469601.40	0.4830	A	0.8
7	☐	2500.000	2485.336	9093085.80	0.9640	A	2.5
8	☐	5000.000	5006.617	18571064.65	1.9419	A	4.1
9	☐			34946.30	0.0035	P	4.3

$$y = 3.8786E-004 * x + 3.7731E-005$$

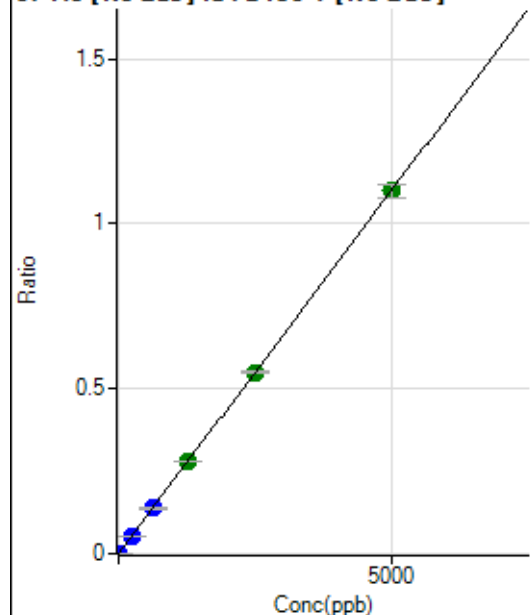
$$R = 1.0000$$

$$DL = 0.05193$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	4.604	9300.84	0.0010	P	1.7
4	☐	250.000	241.770	485779.49	0.0532	P	0.8
5	☐	625.000	626.198	1241759.13	0.1379	P	5.6
6	☐	1250.000	1264.844	2576933.41	0.2785	A	0.3
7	☐	2500.000	2500.713	5193704.89	0.5505	A	1.8
8	☐	5000.000	4996.195	10519116.47	1.0999	A	4.0
9	☐			19242.20	0.0019	P	1.9

$$y = 2.2015\text{E-}004 * x + 1.6739\text{E-}005$$

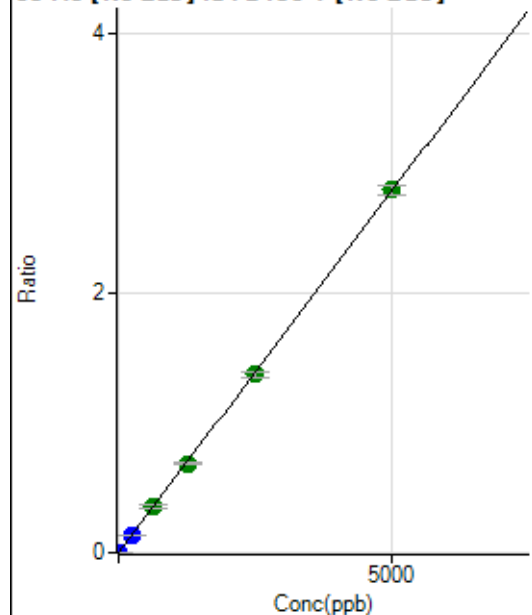
$$R = 1.0000$$

$$DL = 0.03553$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.92	0.0000	P	13.8
2	☐	0.500					
3	☐	5.000	4.651	23794.04	0.0026	P	2.7
4	☐	250.000	245.283	1247974.99	0.1368	P	1.3
5	☐	625.000	636.624	3197324.68	0.3549	A	5.1
6	☐	1250.000	1235.625	6374536.08	0.6889	A	0.8
7	☐	2500.000	2465.577	12963672.86	1.3745	A	3.3
8	☐	5000.000	5019.588	26769092.27	2.7983	A	2.6
9	☐			49084.55	0.0049	P	4.5

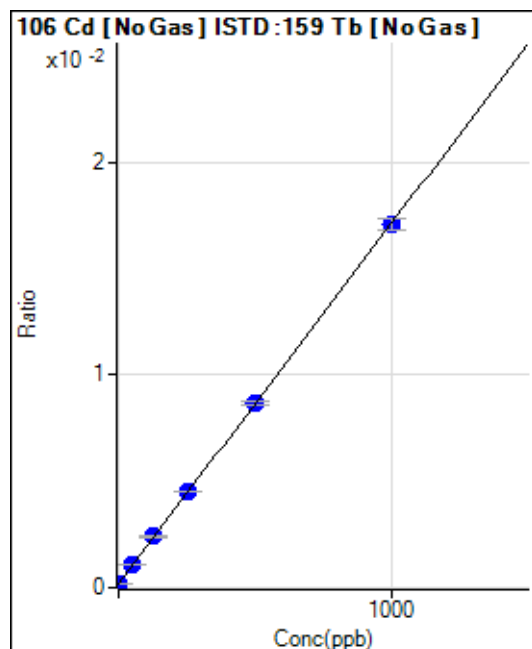
$$y = 5.5746\text{E-}004 * x + 4.3386\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03213$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1708.53	0.0002	P	10.6
2	☐	0.100					
3	☐	1.000	0.538	1839.12	0.0002	P	3.4
4	☐	50.000	52.136	9840.14	0.0011	P	2.6
5	☐	125.000	131.240	22077.15	0.0024	P	4.5
6	☐	250.000	255.953	43100.61	0.0045	P	1.6
7	☐	500.000	503.202	86080.60	0.0087	P	1.9
8	☐	1000.000	996.024	173433.09	0.0170	P	3.3
9	☐			1839.11	0.0002	P	5.8

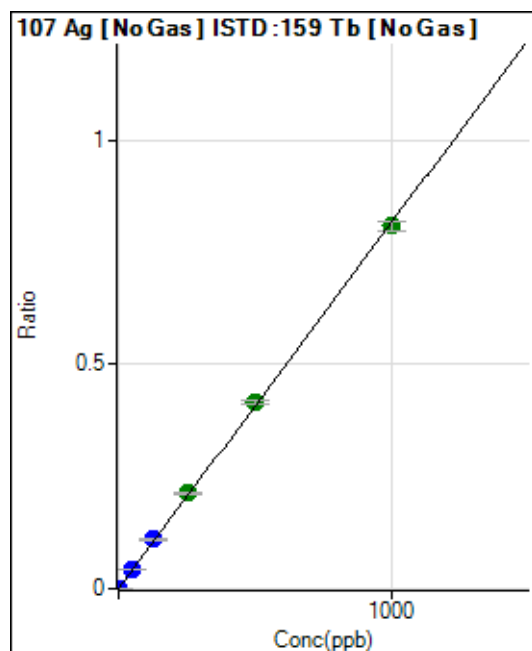
$$y = 1.6918\text{E-}005 * x + 1.9206\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.619$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.8
2	☐	0.100					
3	☐	1.000	0.995	7491.33	0.0008	P	3.7
4	☐	50.000	53.326	398819.52	0.0435	P	0.1
5	☐	125.000	135.062	1008344.65	0.1102	P	5.8
6	☐	250.000	260.619	2027294.99	0.2127	A	1.0
7	☐	500.000	509.518	4111996.66	0.4158	A	1.8
8	☐	1000.000	991.162	8232906.61	0.8089	A	2.7
9	☐			861.18	0.0001	P	11.9

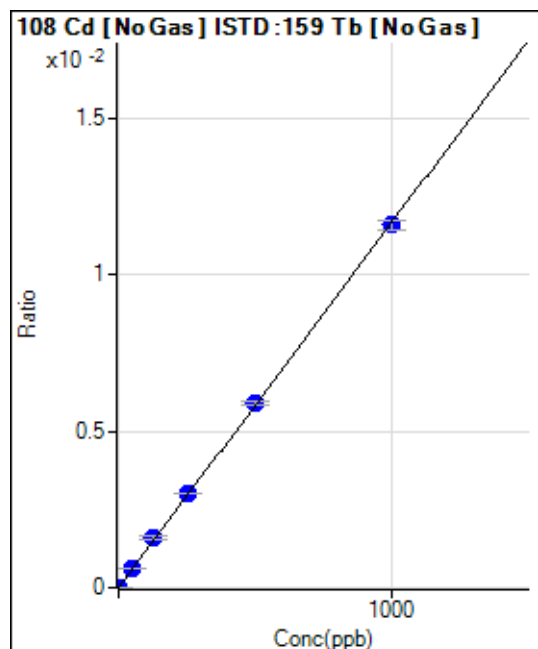
$$y = 8.1613\text{E-}004 * x + 7.8251\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.007413$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	45.4
2	☐	0.100					
3	☐	1.000	1.053	126.39	0.0000	P	18.4
4	☐	50.000	53.848	5759.68	0.0006	P	1.6
5	☐	125.000	135.217	14403.78	0.0016	P	8.5
6	☐	250.000	257.553	28600.07	0.0030	P	0.5
7	☐	500.000	504.333	58084.49	0.0059	P	2.3
8	☐	1000.000	994.476	117885.17	0.0116	P	2.4
9	☐			37.50	0.0000	P	40.0

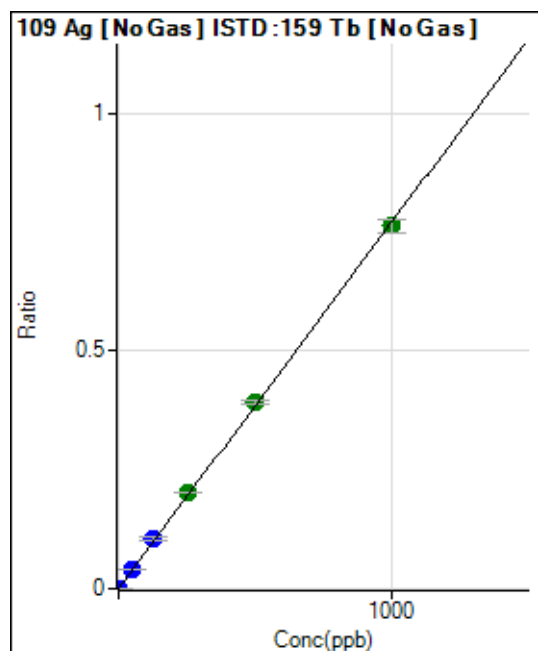
$$y = 1.1645\text{E-}005 * x + 1.5622\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1828$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	13.0
2	☐	0.100					
3	☐	1.000	1.010	7177.24	0.0008	P	2.6
4	☐	50.000	53.666	378612.13	0.0413	P	0.1
5	☐	125.000	136.053	958108.51	0.1048	P	6.0
6	☐	250.000	261.772	1920797.53	0.2015	A	1.3
7	☐	500.000	509.525	3878900.78	0.3923	A	1.9
8	☐	1000.000	990.730	7761778.21	0.7627	A	3.4
9	☐			741.72	0.0001	P	14.7

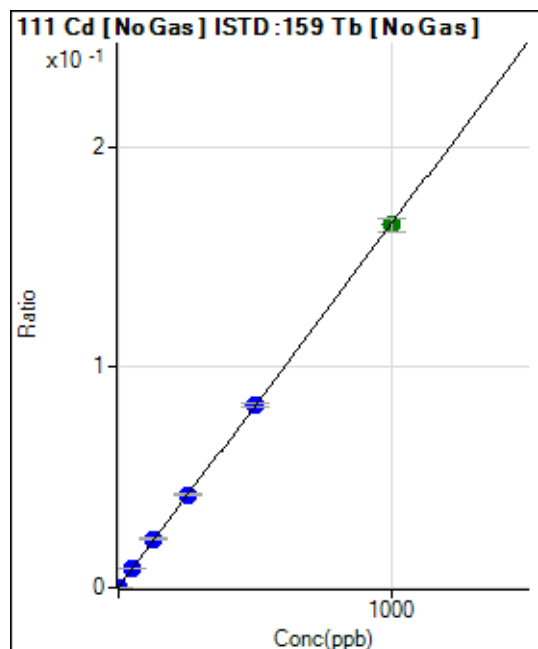
$$y = 7.6988\text{E-}004 * x + 7.5020\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003793$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1197.36	0.0001	P	10.6
2	☐	0.100					
3	☐	1.000	0.981	2710.14	0.0003	P	4.1
4	☐	50.000	52.215	80128.24	0.0087	P	1.4
5	☐	125.000	133.285	202301.95	0.0221	P	5.8
6	☐	250.000	255.356	402668.41	0.0422	P	1.3
7	☐	500.000	501.984	819905.69	0.0829	P	2.3
8	☐	1000.000	996.522	1673676.87	0.1645	A	3.9
9	☐			1552.81	0.0001	P	7.8

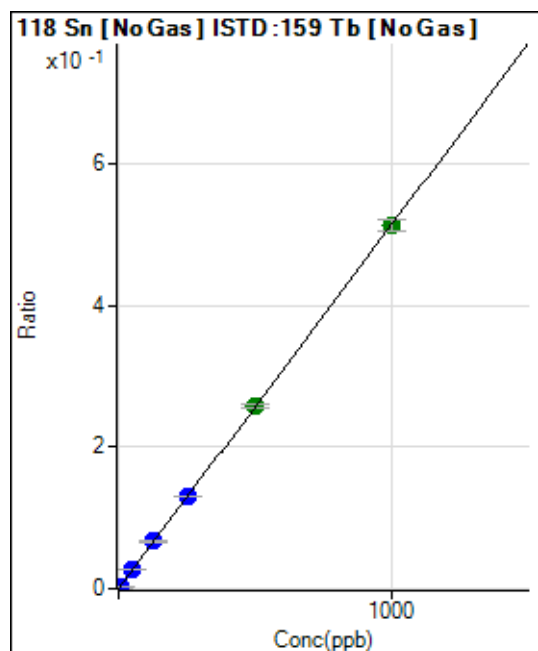
$$y = 1.6493\text{E-}004 * x + 1.3460\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2602$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1049.96	0.0001	P	96.3
2	☐	0.500					
3	☐	5.000	4.614	22745.14	0.0025	P	2.0
4	☐	50.000	50.466	238443.57	0.0260	P	0.8
5	☐	125.000	130.446	613532.66	0.0671	P	6.1
6	☐	250.000	252.617	1237070.42	0.1298	P	0.4
7	☐	500.000	502.751	2552845.48	0.2582	A	2.4
8	☐	1000.000	997.268	5210968.65	0.5121	A	3.1
9	☐			10454.59	0.0010	P	4.4

$$y = 5.1333\text{E-}004 * x + 1.1973\text{E-}004$$

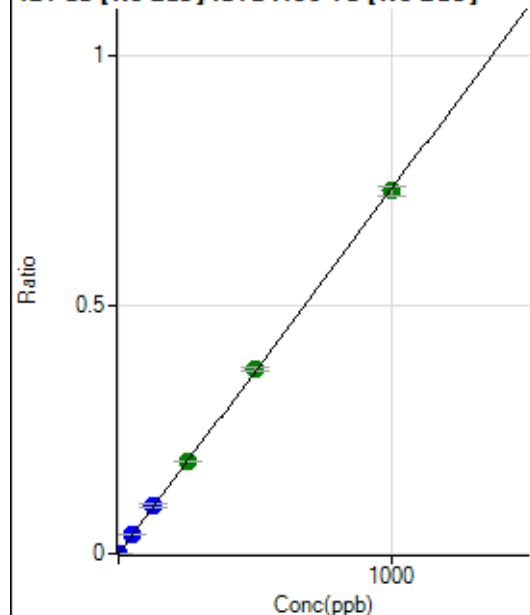
$$R = 1.0000$$

$$DL = 0.6737$$

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	255.57	0.0000	P	47.9
2	☐	0.200					
3	☐	2.000	1.947	13304.45	0.0015	P	4.9
4	☐	50.000	50.609	340125.98	0.0371	P	1.0
5	☐	125.000	130.719	876502.15	0.0958	P	6.4
6	☐	250.000	254.560	1778631.09	0.1866	A	0.1
7	☐	500.000	506.447	3670371.56	0.3712	A	2.8
8	☐	1000.000	994.891	7422232.11	0.7293	A	2.6
9	☐			29185.82	0.0028	P	6.6

$$y = 7.3299\text{E-}004 * x + 2.8769\text{E-}005$$

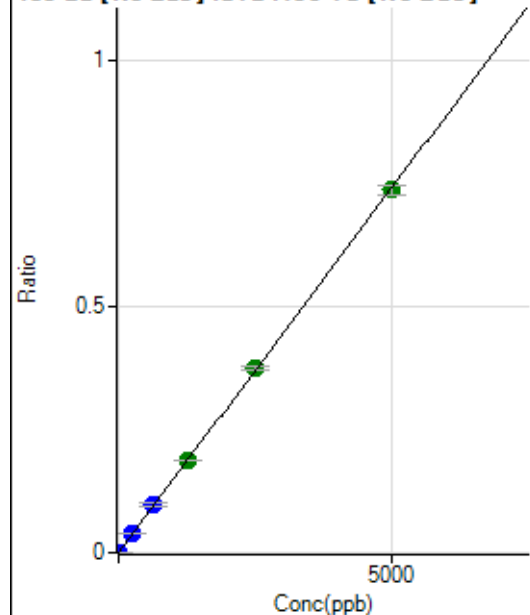
$$R = 0.9999$$

$$DL = 0.05645$$

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	41.67	0.0000	P	52.1
2	☐	1.000					
3	☐	10.000	9.580	13026.41	0.0014	P	0.9
4	☐	250.000	257.881	350349.91	0.0382	P	0.5
5	☐	625.000	656.144	889794.84	0.0973	P	6.1
6	☐	1250.000	1272.670	1798431.62	0.1887	A	0.3
7	☐	2500.000	2527.159	3704631.51	0.3747	A	2.4
8	☐	5000.000	4976.467	7509979.85	0.7378	A	2.5
9	☐			2394.78	0.0002	P	4.3

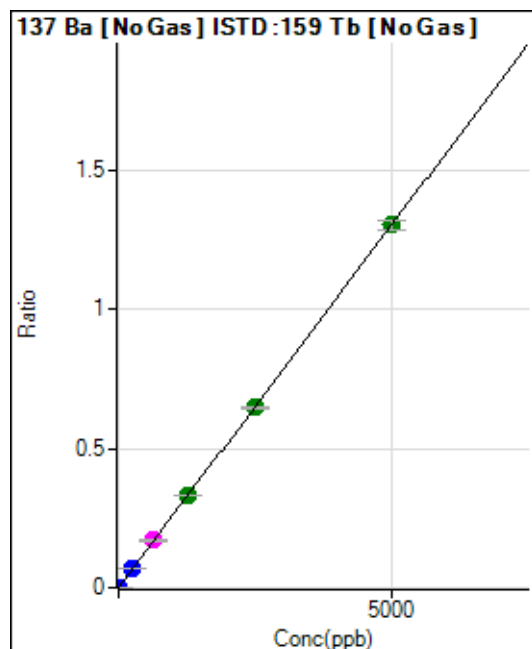
$$y = 1.4826\text{E-}004 * x + 4.6689\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.04922$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	26.1
2	☐	1.000					
3	☐	10.000	9.627	23029.28	0.0025	P	1.3
4	☐	250.000	253.001	604810.07	0.0660	P	0.3
5	☐	625.000	652.255	1556769.29	0.1702	M	5.5
6	☐	1250.000	1265.246	3146016.78	0.3301	A	0.6
7	☐	2500.000	2480.303	6398378.05	0.6471	A	2.0
8	☐	5000.000	5002.481	13283125.04	1.3051	A	2.4
9	☐			4117.49	0.0004	P	2.2

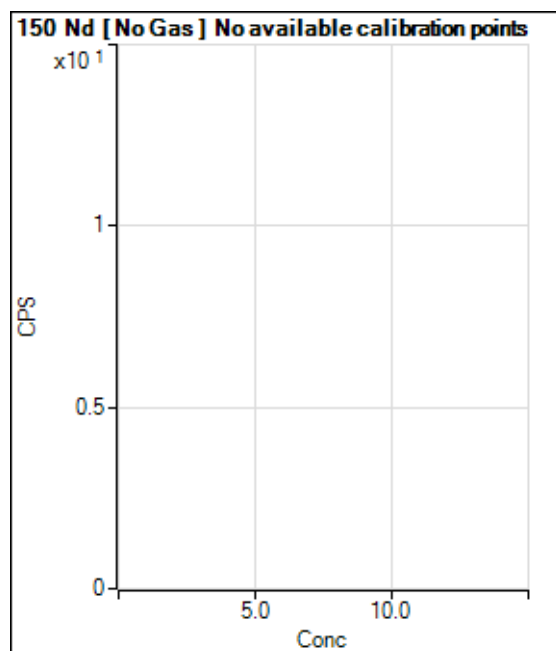
$$y = 2.6088E-004 * x + 7.7902E-006$$

$$R = 1.0000$$

$$DL = 0.02337$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			4.44		P	173.2
4	☐			24.44		P	31.5
5	☐			40.00		P	72.6
6	☐			60.00		P	29.4
7	☐			111.12		P	9.2
8	☐			257.79		P	6.5
9	☐			75.56		P	5.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			2.22		P	173.2
6	☐			2.22		P	173.2
7	☐			2.22		P	173.2
8	☐			8.89		P	21.6
9	☐			7.78		P	49.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			13.89		P	69.3
4	☐			25.00		P	57.7
5	☐			19.45		P	65.5
6	☐			13.89		P	69.3
7	☐			50.00		P	16.7
8	☐			97.23		P	35.7
9	☐			72.23		P	17.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			1.11		P	173.2
6	☐			0.00		P	
7	☐			13.33		P	75.0
8	☐			10.00		P	120.2
9	☐			16.67		P	40.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐						
3	☐			47.22		P	36.7
4	☐			61.11		P	31.5
5	☐			52.78		P	32.9
6	☐			52.78		P	9.1
7	☐			55.56		P	43.3
8	☐			97.23		P	26.2
9	☐			105.56		P	19.9

160 Gd [He] No available calibration points

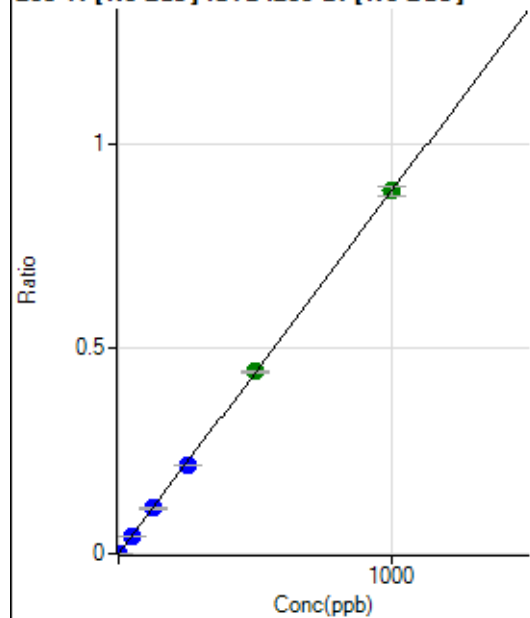
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	90.2
2	☐						
3	☐			6.67		P	132.3
4	☐			11.11		P	45.8
5	☐			2.22		P	86.6
6	☐			13.33		P	43.3
7	☐			4.44		P	114.6
8	☐			12.22		P	31.5
9	☐			23.34		P	49.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			75.01		P	40.1
4	☐			22.22		P	21.6
5	☐			30.55		P	68.6
6	☐			30.56		P	41.7
7	☐			38.89		P	32.7
8	☐			55.56		P	31.2
9	☐			44.44		P	96.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐						
3	☐			6.67		P	50.0
4	☐			11.11		P	34.6
5	☐			7.78		P	99.0
6	☐			6.67		P	50.0
7	☐			15.56		P	32.7
8	☐			11.11		P	91.7
9	☐			8.89		P	78.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	29.2
2	☐	0.100					
3	☐	1.000	0.930	4323.15	0.0008	P	1.2
4	☐	50.000	48.445	216735.18	0.0428	P	1.5
5	☐	125.000	125.271	559518.04	0.1107	P	5.4
6	☐	250.000	241.750	1127540.76	0.2136	P	0.3
7	☐	500.000	502.524	2414354.20	0.4439	A	1.0
8	☐	1000.000	1000.844	4987117.56	0.8841	A	2.6
9	☐			2580.97	0.0005	P	7.9

$$y = 8.8336E-004 * x + 2.4422E-005$$

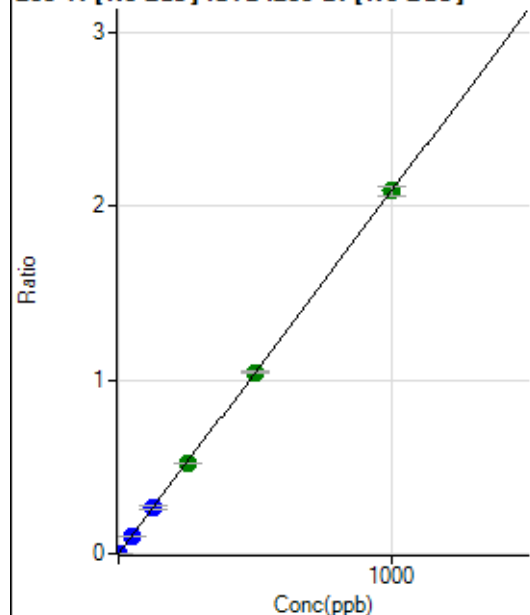
$$R = 1.0000$$

$$DL = 0.02423$$

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	225.01	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.948	10329.71	0.0020	P	1.9
4	☐	50.000	49.304	520431.01	0.1028	P	0.9
5	☐	125.000	126.584	1333714.19	0.2639	P	6.1
6	☐	250.000	249.355	2744188.24	0.5198	A	0.2
7	☐	500.000	499.288	5659709.67	1.0408	A	1.0
8	☐	1000.000	1000.354	11761969.18	2.0852	A	2.8
9	☐			6079.55	0.0011	P	3.7

$$y = 0.0021 * x + 4.5070E-005$$

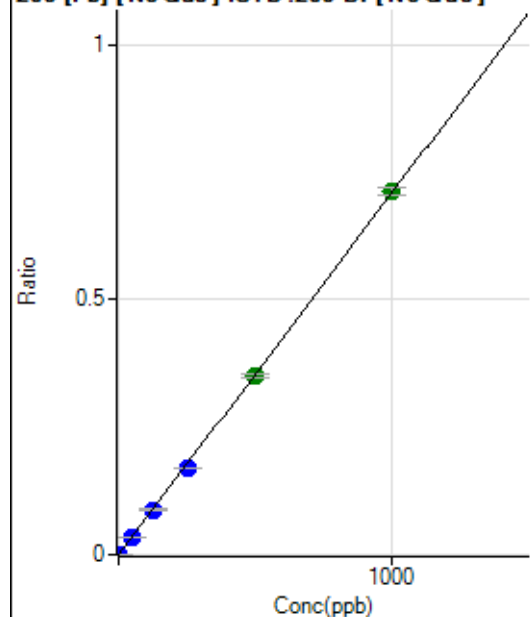
$$R = 1.0000$$

$$DL = 0.009685$$

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	211.12	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.894	3450.59	0.0007	P	4.4
4	☐	50.000	49.099	176188.11	0.0348	P	0.4
5	☐	125.000	125.030	447750.05	0.0886	P	5.2
6	☐	250.000	240.581	899499.74	0.1704	P	0.7
7	☐	500.000	495.045	1906021.47	0.3505	A	2.1
8	☐	1000.000	1004.873	4013704.89	0.7115	A	2.2
9	☐			7745.19	0.0014	P	4.1

$$y = 7.0803E-004 * x + 4.2358E-005$$

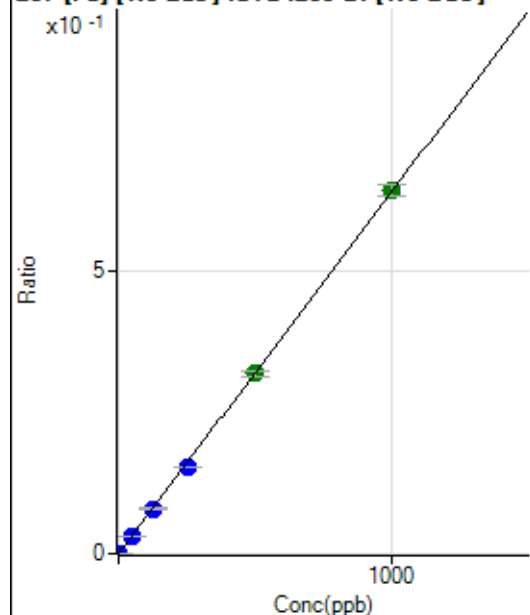
$$R = 0.9999$$

$$DL = 0.02244$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.932	3246.82	0.0006	P	2.1
4	☐	50.000	49.109	159626.44	0.0315	P	0.8
5	☐	125.000	124.396	403540.66	0.0798	P	5.2
6	☐	250.000	240.725	815276.86	0.1544	P	0.4
7	☐	500.000	498.057	1736927.63	0.3195	A	2.9
8	☐	1000.000	1003.411	3630191.58	0.6436	A	3.0
9	☐			6637.10	0.0012	P	0.4

$$y = 6.4137\text{E-}004 * x + 3.7887\text{E-}005$$

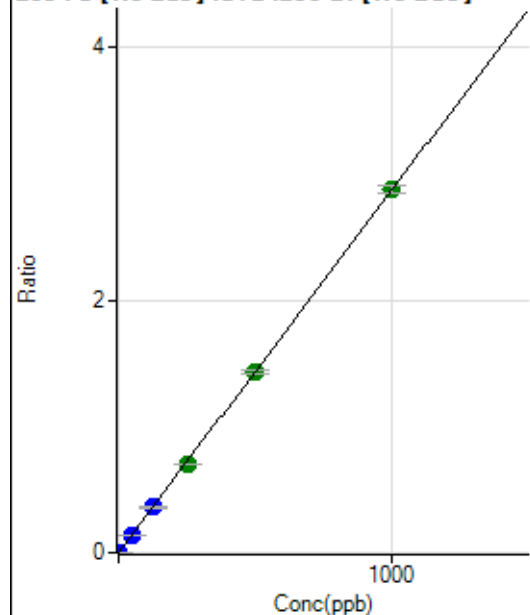
$$R = 0.9999$$

$$DL = 0.02091$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	846.34	0.0002	P	7.2
2	☐	0.100					
3	☐	1.000	0.922	14387.00	0.0028	P	2.2
4	☐	50.000	49.117	714250.06	0.1411	P	0.6
5	☐	125.000	125.262	1817855.28	0.3596	P	5.2
6	☐	250.000	243.826	3694264.67	0.6998	A	0.6
7	☐	500.000	499.421	7792585.36	1.4332	A	2.1
8	☐	1000.000	1001.844	16216734.68	2.8748	A	2.2
9	☐			30346.51	0.0055	P	1.3

$$y = 0.0029 * x + 1.6983\text{E-}004$$

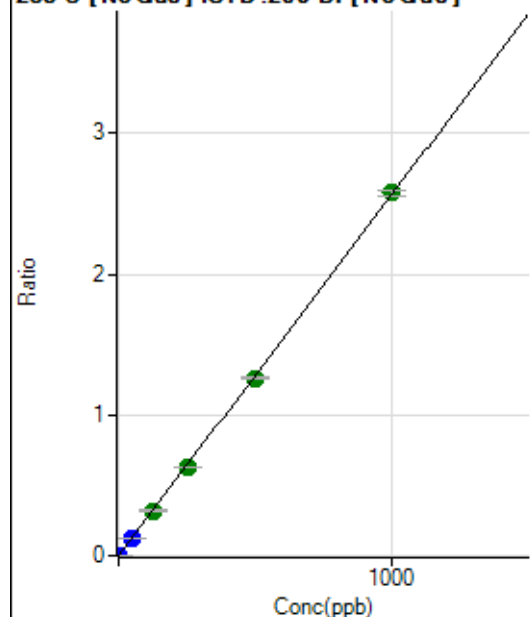
$$R = 1.0000$$

$$DL = 0.01281$$

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	91.67	0.0000	P	41.9
2	☐	0.100					
3	☐	1.000	0.883	11664.39	0.0023	P	3.8
4	☐	50.000	48.066	623817.88	0.1232	P	0.6
5	☐	125.000	125.117	1620698.74	0.3207	A	6.6
6	☐	250.000	246.132	3330894.72	0.6309	A	0.6
7	☐	500.000	491.762	6854815.78	1.2606	A	1.5
8	☐	1000.000	1005.168	14536109.35	2.5766	A	1.5
9	☐			1536.30	0.0003	P	9.4

$$y = 0.0026 * x + 1.8487E-005$$

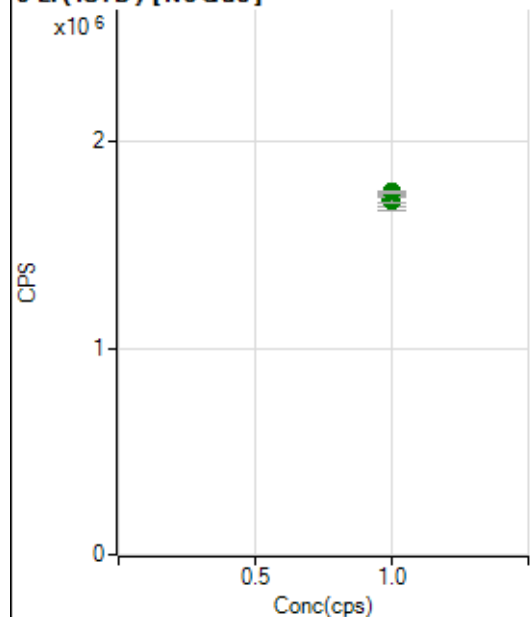
$$R = 0.9999$$

$$DL = 0.009073$$

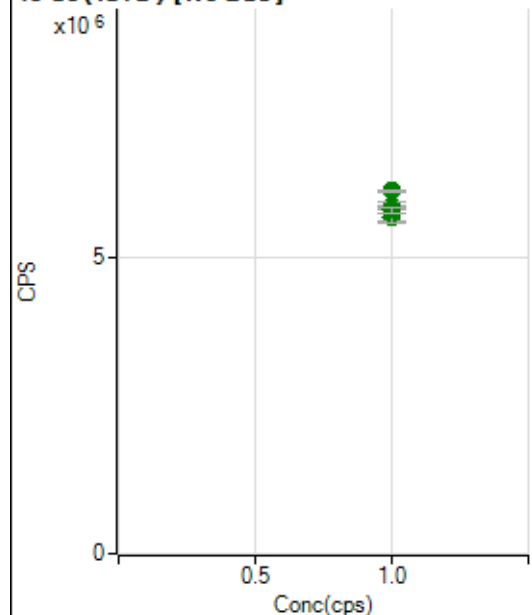
Weight: <None>

Min Conc: 0

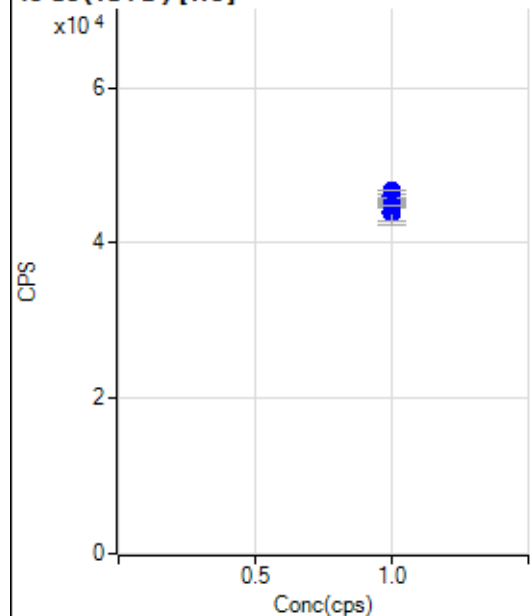
6 Li (ISTD) [No Gas]



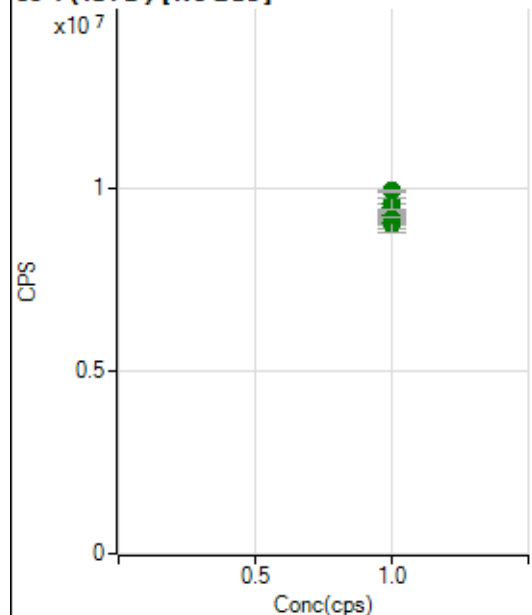
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1712846.22		A	3.0
2	☐	1.000					
3	☐	1.000		1752645.46		A	0.4
4	☐	1.000		1752909.26		A	0.9
5	☐	1.000		1710128.36		A	5.3
6	☐	1.000		1752124.23		A	1.3
7	☐	1.000		1716782.27		A	1.8
8	☐	1.000		1720319.23		A	1.9
9	☐	1.000		1758231.57		A	0.7

45 Sc (ISTD) [No Gas]

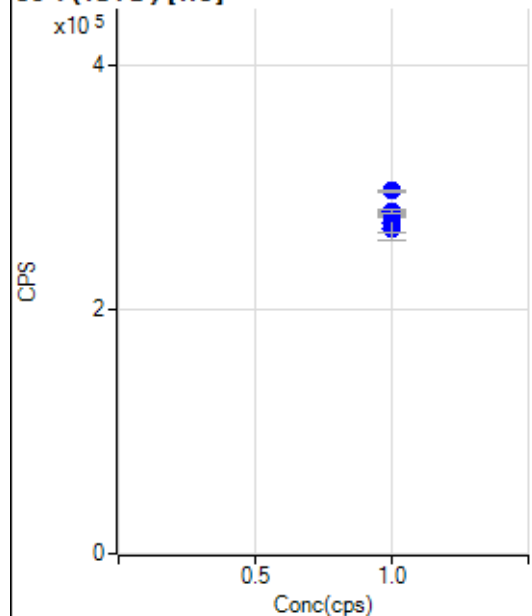
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5683335.50		A	1.9
2	☐	1.000					
3	☐	1.000		5856311.42		A	0.3
4	☐	1.000		5871880.25		A	0.7
5	☐	1.000		5741051.30		A	5.2
6	☐	1.000		5841544.66		A	0.9
7	☐	1.000		5847453.69		A	2.8
8	☐	1.000		5807410.55		A	1.9
9	☐	1.000		6129926.92		A	0.4

45 Sc (ISTD) [He]

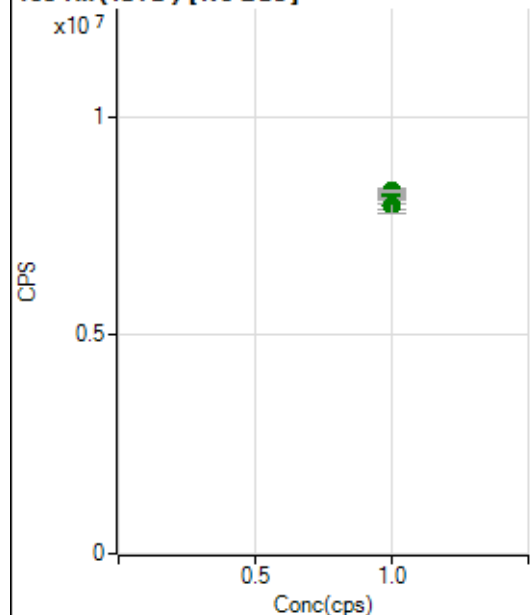
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		45622.71		P	1.1
2	☐	1.000					
3	☐	1.000		43782.30		P	6.8
4	☐	1.000		45368.75		P	0.7
5	☐	1.000		46155.75		P	1.0
6	☐	1.000		43951.56		P	5.1
7	☐	1.000		44926.18		P	2.1
8	☐	1.000		44822.62		P	0.5
9	☐	1.000		46709.65		P	0.1

89 Y (ISTD) [No Gas]

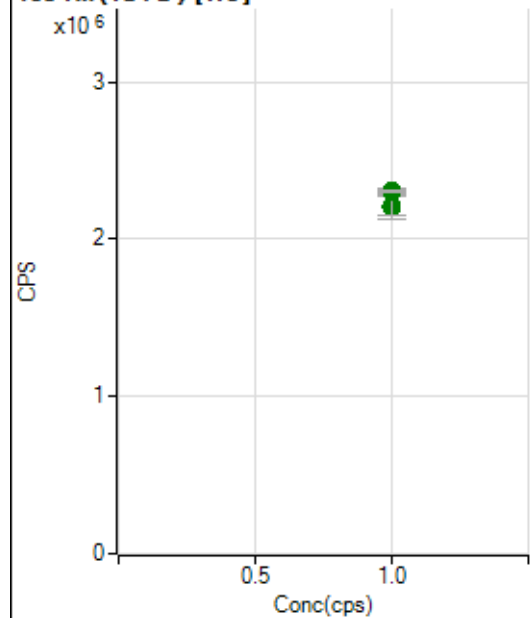
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8971673.76		A	1.8
2	☐	1.000					
3	☐	1.000		9026923.55		A	0.4
4	☐	1.000		9124350.70		A	0.5
5	☐	1.000		9023688.34		A	5.1
6	☐	1.000		9253891.39		A	0.7
7	☐	1.000		9436047.50		A	2.2
8	☐	1.000		9571523.26		A	3.1
9	☐	1.000		9917336.93		A	0.8

89 Y (ISTD) [He]

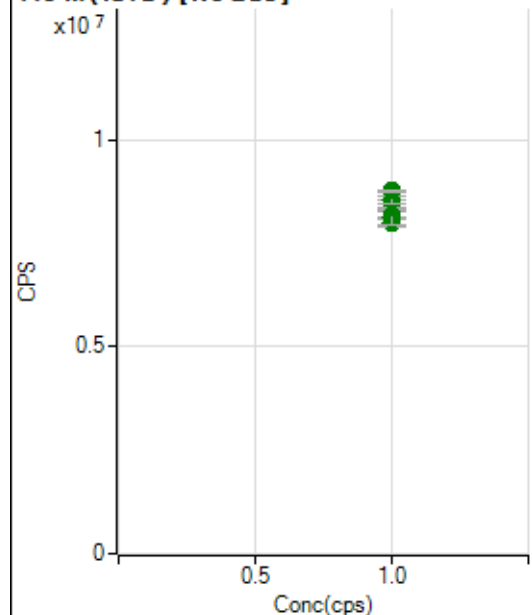
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		276415.38		P	0.4
2	☐	1.000					
3	☐	1.000		266832.90		P	7.4
4	☐	1.000		278255.45		P	0.4
5	☐	1.000		280642.35		P	0.3
6	☐	1.000		270427.50		P	5.5
7	☐	1.000		278360.13		P	0.4
8	☐	1.000		280432.42		P	1.0
9	☐	1.000		297258.14		P	0.7

103 Rh (ISTD) [No Gas]

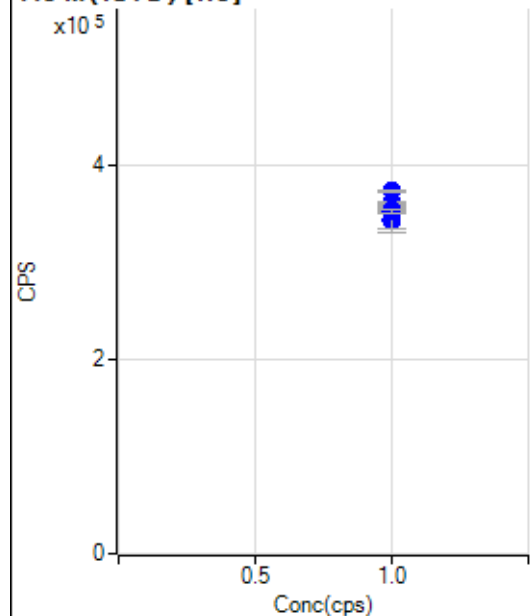
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7940278.83		A	1.4
2	☐	1.000					
3	☐	1.000		8128130.82		A	0.6
4	☐	1.000		8125266.59		A	0.5
5	☐	1.000		7969755.56		A	5.2
6	☐	1.000		8169848.53		A	1.8
7	☐	1.000		8169705.13		A	1.7
8	☐	1.000		8236894.80		A	2.6
9	☐	1.000		8296327.18		A	0.8

103 Rh (ISTD) [He]

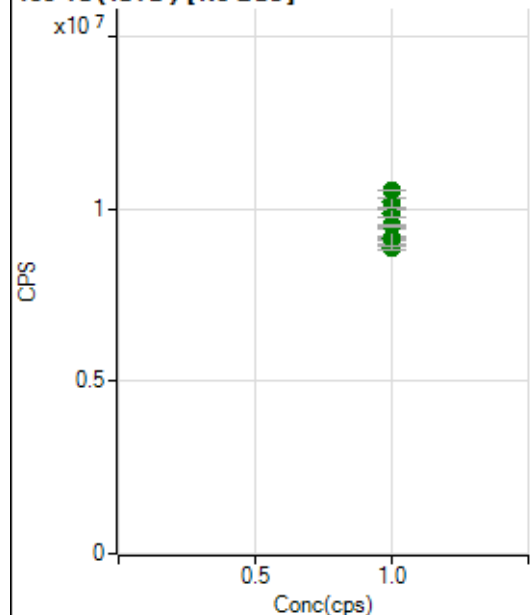
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2306586.93		A	1.1
2	☐	1.000					
3	☐	1.000		2203602.12		A	7.0
4	☐	1.000		2305804.88		A	0.5
5	☐	1.000		2297681.76		A	0.4
6	☐	1.000		2213074.97		A	5.2
7	☐	1.000		2294119.74		A	1.2
8	☐	1.000		2294076.27		A	1.1
9	☐	1.000		2303962.92		A	0.6

115 In (ISTD) [No Gas]

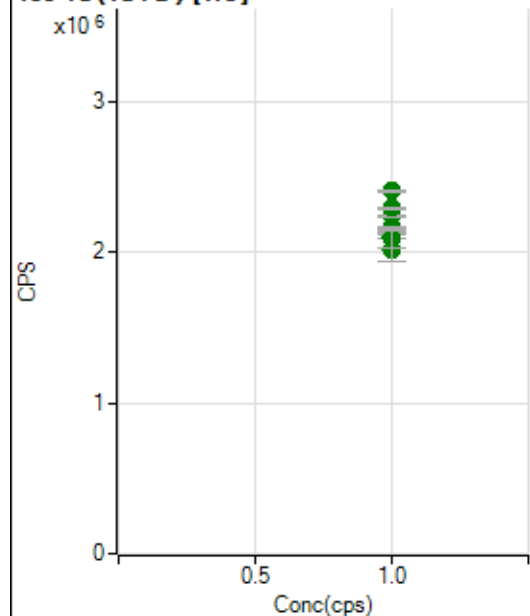
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8006469.67		A	2.6
2	☐	1.000					
3	☐	1.000		8103659.04		A	0.4
4	☐	1.000		8142035.79		A	0.3
5	☐	1.000		8118879.70		A	4.1
6	☐	1.000		8339308.30		A	0.4
7	☐	1.000		8446318.26		A	2.0
8	☐	1.000		8565829.51		A	2.1
9	☐	1.000		8765163.24		A	0.5

115 In (ISTD) [He]

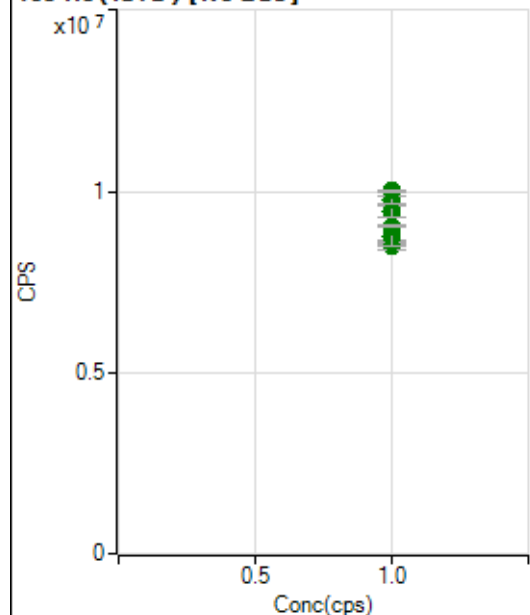
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		355164.30		P	0.9
2	☐	1.000					
3	☐	1.000		342362.51		P	7.3
4	☐	1.000		357521.67		P	1.0
5	☐	1.000		362007.79		P	0.6
6	☐	1.000		343839.90		P	4.9
7	☐	1.000		355097.31		P	0.4
8	☐	1.000		352914.35		P	0.8
9	☐	1.000		373610.44		P	0.8

159 Tb (ISTD) [No Gas]

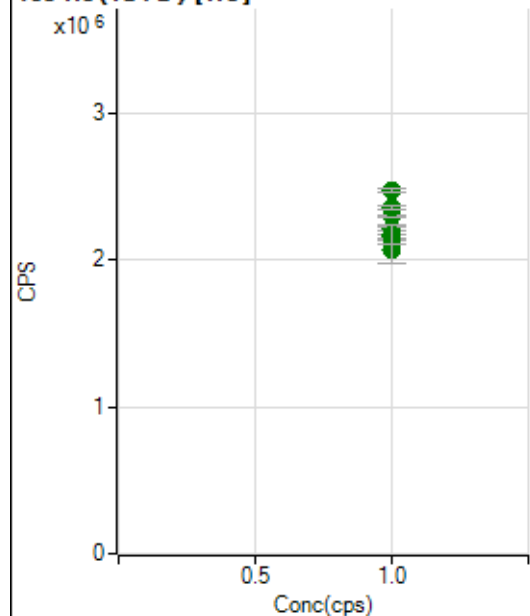
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8893309.87		A	2.2
2	☐	1.000					
3	☐	1.000		9140876.74		A	0.6
4	☐	1.000		9162177.99		A	0.7
5	☐	1.000		9166309.52		A	5.4
6	☐	1.000		9530932.29		A	0.4
7	☐	1.000		9890571.52		A	2.1
8	☐	1.000		10182840.82		A	3.0
9	☐	1.000		10524461.93		A	0.1

159 Tb (ISTD) [He]

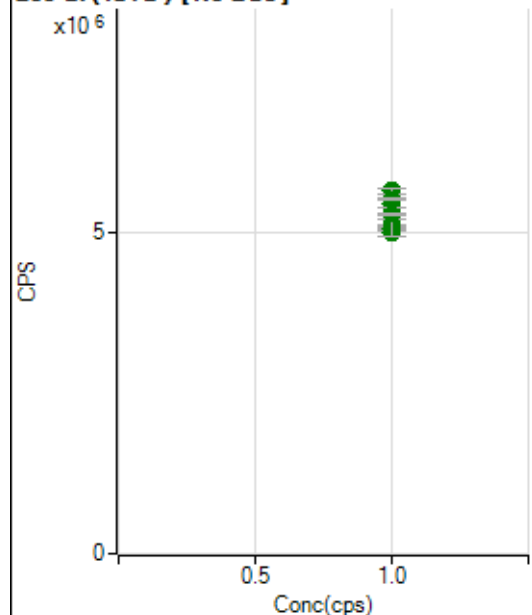
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2108098.20		A	0.9
2	☐	1.000					
3	☐	1.000		2013996.67		A	7.4
4	☐	1.000		2140110.45		A	1.3
5	☐	1.000		2164533.39		A	0.8
6	☐	1.000		2090501.84		A	5.5
7	☐	1.000		2241414.59		A	0.7
8	☐	1.000		2292208.21		A	0.6
9	☐	1.000		2407590.96		A	0.8

165 Ho (ISTD) [No Gas]

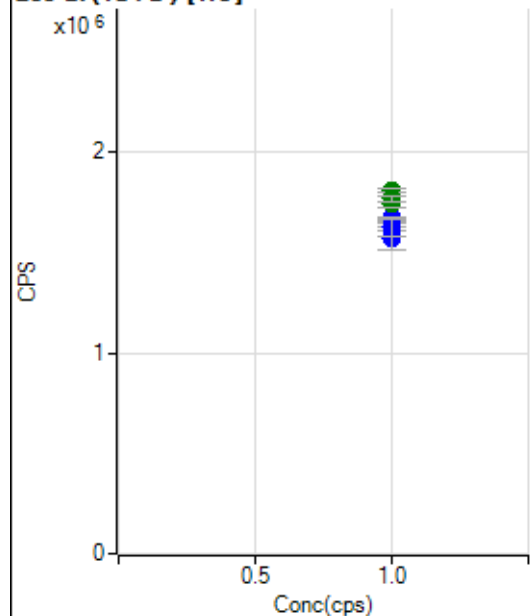
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8466222.67		A	1.7
2	☐	1.000					
3	☐	1.000		8601857.05		A	0.4
4	☐	1.000		8636199.15		A	0.6
5	☐	1.000		8752233.53		A	5.7
6	☐	1.000		9030829.89		A	0.6
7	☐	1.000		9454325.38		A	3.0
8	☐	1.000		9768082.34		A	2.4
9	☐	1.000		10011433.73		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2141107.85		A	0.4
2	☐	1.000					
3	☐	1.000		2065043.39		A	8.3
4	☐	1.000		2166467.90		A	1.0
5	☐	1.000		2220962.29		A	1.2
6	☐	1.000		2178794.78		A	5.7
7	☐	1.000		2303995.56		A	0.7
8	☐	1.000		2362310.33		A	1.0
9	☐	1.000		2473633.15		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4987192.53		A	2.1
2	☐	1.000					
3	☐	1.000		5108938.01		A	0.1
4	☐	1.000		5062076.97		A	0.8
5	☐	1.000		5064897.36		A	5.4
6	☐	1.000		5279286.86		A	0.6
7	☐	1.000		5438763.18		A	2.0
8	☐	1.000		5642512.14		A	1.9
9	☐	1.000		5516931.79		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1609766.19		P	0.3
2	☐	1.000					
3	☐	1.000		1568248.76		P	7.2
4	☐	1.000		1651198.62		M	0.8
5	☐	1.000		1672275.79		P	0.8
6	☐	1.000		1627113.01		P	5.2
7	☐	1.000		1741693.39		A	1.8
8	☐	1.000		1807906.17		A	1.1
9	☐	1.000		1770769.06		A	1.4

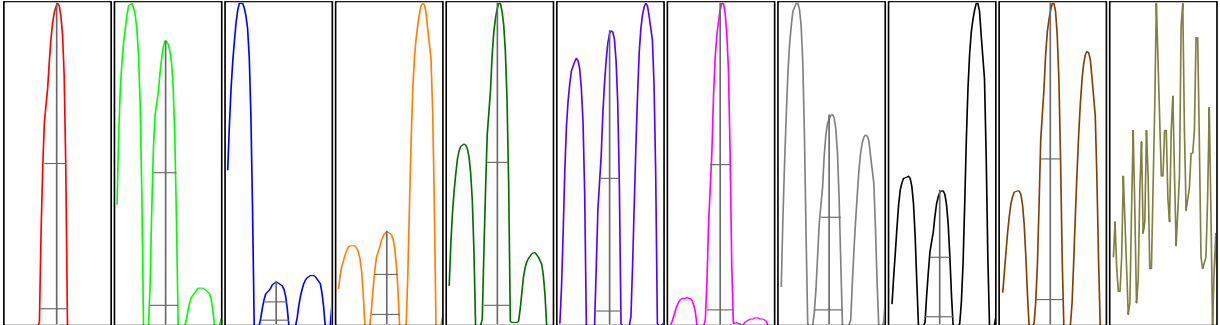
US EPA Tune Check Sample Report

Batch Folder D:\P8050918- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8604	1.41	5.00	
24	55970	1.32	5.00	
25	7626	1.20	5.00	
26	9040	1.11	5.00	
59	83155	2.23	5.00	
113	9859	1.26	5.00	
115	123981	2.37	5.00	
206	21000	2.97	5.00	
207	19180	2.69	5.00	
208	45152	2.31	5.00	
220	1	14.89		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8416	8737	8625	8573	8671
24	54915	56887	55720	55952	56376
25	7494	7747	7653	7603	7629
26	8873	9145	9052	9063	9067
59	79917	84302	83833	83392	84330
113	9681	9787	9901	9930	9995
115	122763	119484	124822	126094	126740
206	20535	20348	20919	21904	21295
207	18778	18961	18797	20005	19358
208	44629	44928	44143	46892	45165
220	2	2	1	2	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	14209	9.00	8.9 - 9.1		0.787	0.900	
24	90749	23.95	23.9 - 24.1		0.816	0.900	
25	12145	24.95	24.9 - 25.1		0.795	0.900	
26	14152	25.95	25.9 - 26.1		0.802	0.900	
59	140754	58.95	58.9 - 59.1		0.783	0.900	
113	18134	113.00	112.9 - 113.1		0.733	0.900	
115	227791	115.00	114.9 - 115.1		0.775	0.900	
206	37795	205.95	205.9 - 206.1		0.783	0.900	
207	34364	206.95	206.9 - 207.1		0.777	0.900	
208	81798	207.95	207.9 - 208.1		0.779	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	9.1	V	Deflect	14.8	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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	10948	1.67	
89	2907	4.41	
205	12492	1.32	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11194	10730	10967	11035	10817
89	2866	2776	2854	2923	3117
205	12683	12248	12551	12555	12422

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	9.1	V	Deflect	4.2	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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 :	LB95258	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:33:55	DataFile Name :	003CALB_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.02	1.99	-0.97	0.00	N/A	ppb
Antimony	121-1	-0.02	0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	-0.03	-0.05	0.00	N/A	ppb
Boron	11-1	-0.09	0.11	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.09	0.08	0.00	0.00	N/A	ppb
Cadmium	106-1	-1.24	1.17	0.07	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.06	-0.01	0.00	N/A	ppb
Calcium	43-1	-1.86	-0.11	1.98	0.00	N/A	ppb
Calcium	44-1	-1.52	0.56	0.96	0.00	N/A	ppb
Chromium	52-2	-0.06	0.04	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.03	0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.17	-0.12	-0.06	0.00	N/A	ppb
Iron	57-2	0.36	-1.20	0.84	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.71	0.46	1.24	0.00	N/A	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:33:55	DataFile Name :	003CALB_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	0.11	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.01	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	-0.02	-0.04	0.07	0.00	N/A	ppb
Phosphorus	31-2	20.13	21.07	-0.46	13.58	89.61	ppb
Potassium	39-2	10.06	-13.66	3.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	7.84	-3.92	-3.92	0.00	N/A	ppb
Selenium	78-2	-0.63	1.25	-0.63	0.00	N/A	ppb
Selenium	82-1	0.52	-1.01	0.49	0.00	N/A	ppb
Silicon	28-1	-2.51	-1.75	4.26	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.37	-1.56	-0.81	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-30.62	-239.09	199.47	-23.41		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.12	-0.14	0.26	0.00	N/A	ppb
Titanium	47-1	-0.01	0.05	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.19	-0.04	-0.16	0.00	N/A	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:33:55	DataFile Name :	003CALB_P8050918- M8

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	0.01	0.00	0.00	N/A	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.20	16.55	20.78	22.17	29.05	ppb
Antimony	121-1	1.87	1.91	2.06	1.95	4.96	ppb
Arsenic	75-2	0.88	0.98	1.28	1.05	19.84	ppb
Barium	135-1	9.57	9.50	9.67	9.58	0.89	ppb
Barium	137-1	9.74	9.49	9.65	9.63	1.35	ppb
Beryllium	9-1	1.04	0.98	0.91	0.98	6.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	21.46	20.28	21.62	21.12	3.48	ppb
Boron	11-1	22.62	22.71	23.21	22.85	1.41	ppb
Cadmium	111-1	1.06	0.92	0.96	0.98	7.60	ppb
Cadmium	106-1	0.87	0.09	0.66	0.54	75.18	ppb
Cadmium	108-1	1.11	0.81	1.24	1.05	20.75	ppb
Calcium	43-1	469.16	458.24	456.77	461.39	1.47	ppb
Calcium	44-1	459.49	462.49	473.28	465.08	1.56	ppb
Chromium	52-2	1.95	2.27	2.54	2.25	13.07	ppb
Cobalt	59-2	1.03	0.91	1.20	1.04	14.27	ppb
Copper	63-2	1.98	2.06	2.52	2.19	13.25	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	50.00	50.98	57.78	52.92	8.00	ppb
Iron	57-2	42.50	47.78	54.58	48.29	12.55	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.92	0.85	0.89	4.73	ppb
Lead	207-1	0.93	0.95	0.91	0.93	2.19	ppb
Lead	208-1	0.91	0.95	0.91	0.92	2.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	508.98	524.23	565.34	532.85	5.47	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.29	0.85	1.35	1.16	23.55	ppb
Molybdenum	94-1	4.36	4.57	4.65	4.52	3.32	ppb
Molybdenum	95-1	4.76	4.75	4.79	4.77	0.43	ppb
Molybdenum	96-1	4.49	4.69	4.72	4.63	2.72	ppb
Molybdenum	97-1	4.61	4.52	4.68	4.60	1.68	ppb
Molybdenum	98-1	4.61	4.55	4.79	4.65	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.96	1.23	1.05	14.86	ppb
Phosphorus	31-2	-21.50	-21.50	2.27	-13.58		ppb
Potassium	39-2	494.60	511.94	585.00	530.51	9.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	-3.92	1.91	2.75	0.25	1469.44	ppb
Selenium	78-2	10.62	4.96	2.57	6.05	68.32	ppb
Selenium	82-1	5.73	5.78	4.44	5.31	14.33	ppb
Silicon	28-1	15.93	18.01	16.70	16.88	6.24	ppb
Silver	109-1	1.00	1.04	0.99	1.01	2.64	ppb
Silver	107-1	0.99	0.96	1.03	0.99	3.72	ppb
Sodium	23-2	514.96	502.58	599.86	539.14	9.82	ppb
Strontium	86-1	0.83	1.01	0.99	0.94	10.22	ppb
Strontium	88-1	0.96	0.99	0.94	0.97	2.65	ppb
Sulfur	34-1	-77.04	215.22	-67.95	23.41	709.76	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.93	0.92	0.94	0.93	1.29	ppb
Thallium	205-1	0.96	0.96	0.93	0.95	1.90	ppb
Tin	118-1	4.69	4.65	4.51	4.61	2.07	ppb
Titanium	47-1	4.43	4.79	4.89	4.70	5.17	ppb
Uranium	238-1	0.85	0.88	0.92	0.88	3.79	ppb
Vanadium	51-2	4.86	4.92	5.34	5.04	5.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1.89	0.69	2.20	1.59	50.00	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.90	0.95	0.92	2.81	ppb
Zirconium	91-1	0.95	0.73	0.85	0.84	13.32	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1045.17	1037.57	1001.99	1028.24	2.24	ppb
Antimony	121-1	51.01	50.05	50.76	50.61	0.98	ppb
Arsenic	75-2	50.92	50.19	51.93	51.01	1.71	ppb
Barium	135-1	258.58	258.72	256.34	257.88	0.52	ppb
Barium	137-1	253.21	253.64	252.15	253.00	0.30	ppb
Beryllium	9-1	49.60	51.78	50.97	50.78	2.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	45.13	48.51	49.82	47.82	5.06	ppb
Boron	11-1	47.25	49.13	49.59	48.66	2.55	ppb
Cadmium	111-1	53.06	51.67	51.92	52.21	1.42	ppb
Cadmium	106-1	53.90	50.71	51.80	52.14	3.11	ppb
Cadmium	108-1	54.03	54.62	52.90	53.85	1.62	ppb
Calcium	43-1	5028.38	5018.69	5001.63	5016.23	0.27	ppb
Calcium	44-1	5164.60	5104.30	5140.10	5136.34	0.59	ppb
Chromium	52-2	51.92	50.45	50.63	51.00	1.57	ppb
Cobalt	59-2	51.23	50.67	50.68	50.86	0.63	ppb
Copper	63-2	103.24	101.28	101.31	101.94	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2623.38	2605.65	2601.72	2610.25	0.44	ppb
Iron	57-2	2573.86	2530.20	2566.37	2556.81	0.91	ppb
Krypton	83-1						cps
Lead	206-1	49.34	48.93	49.02	49.10	0.44	ppb
Lead	207-1	49.48	49.13	48.71	49.11	0.78	ppb
Lead	208-1	49.37	49.19	48.78	49.12	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	5488.17	5237.43	5353.71	5359.77	2.34	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.18	104.40	100.80	103.46	2.26	ppb
Molybdenum	94-1	248.28	247.07	248.94	248.10	0.38	ppb
Molybdenum	95-1	246.08	244.31	246.64	245.68	0.50	ppb
Molybdenum	96-1	246.49	246.06	247.41	246.65	0.28	ppb
Molybdenum	97-1	242.47	239.53	243.31	241.77	0.82	ppb
Molybdenum	98-1	245.40	242.16	248.29	245.28	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.81	52.55	51.52	52.30	1.30	ppb
Phosphorus	31-2	1066.98	949.07	1115.29	1043.78	8.19	ppb
Potassium	39-2	2645.14	2538.47	2553.69	2579.10	2.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	54.79	89.94	66.00	70.24	25.56	ppb
Selenium	78-2	47.14	49.90	56.06	51.03	8.95	ppb
Selenium	82-1	50.65	52.61	52.22	51.83	2.00	ppb
Silicon	28-1	67.45	64.92	64.44	65.60	2.46	ppb
Silver	109-1	53.70	53.58	53.72	53.67	0.14	ppb
Silver	107-1	53.34	53.35	53.29	53.33	0.06	ppb
Sodium	23-2	5512.27	5302.61	5399.73	5404.87	1.94	ppb
Strontium	86-1	49.93	48.87	49.58	49.46	1.09	ppb
Strontium	88-1	50.48	50.01	50.44	50.31	0.51	ppb
Sulfur	34-1	1077.45	1049.57	817.98	981.67	14.51	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	49.18	48.38	47.77	48.45	1.46	ppb
Thallium	205-1	49.77	49.31	48.83	49.30	0.95	ppb
Tin	118-1	50.79	50.01	50.59	50.47	0.80	ppb
Titanium	47-1	249.10	248.59	246.94	248.21	0.45	ppb
Uranium	238-1	47.79	48.09	48.32	48.07	0.56	ppb
Vanadium	51-2	50.31	49.72	50.36	50.13	0.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	107.67	104.46	104.68	105.60	1.70	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.51	49.52	50.53	49.85	1.18	ppb
Zirconium	91-1	48.26	47.66	49.08	48.33	1.47	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2437.70	2485.28	2545.23	2489.41	2.16	ppb
Antimony	121-1	124.62	127.25	140.29	130.72	6.42	ppb
Arsenic	75-2	126.01	129.73	125.63	127.13	1.78	ppb
Barium	135-1	627.91	638.38	702.14	656.14	6.12	ppb
Barium	137-1	629.03	634.34	693.39	652.25	5.48	ppb
Beryllium	9-1	126.03	125.90	138.49	130.14	5.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	120.87	114.75	135.25	123.62	8.51	ppb
Boron	11-1	118.77	124.53	138.01	127.11	7.77	ppb
Cadmium	111-1	127.78	129.81	142.27	133.29	5.89	ppb
Cadmium	106-1	126.11	129.15	138.47	131.24	4.91	ppb
Cadmium	108-1	128.02	129.13	148.50	135.22	8.52	ppb
Calcium	43-1	12553.52	12449.72	13706.09	12903.11	5.40	ppb
Calcium	44-1	12574.86	12633.41	13636.57	12948.28	4.61	ppb
Chromium	52-2	126.11	126.14	124.10	125.45	0.93	ppb
Cobalt	59-2	126.23	125.28	123.35	124.95	1.18	ppb
Copper	63-2	249.76	250.26	247.30	249.11	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	6517.48	6594.66	6384.46	6498.87	1.64	ppb
Iron	57-2	6421.87	6398.13	6274.11	6364.70	1.25	ppb
Krypton	83-1						cps
Lead	206-1	122.49	120.20	132.40	125.03	5.19	ppb
Lead	207-1	121.31	120.11	131.77	124.40	5.16	ppb
Lead	208-1	121.77	121.20	132.82	125.26	5.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	13306.07	13121.81	12991.24	13139.70	1.20	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.58	255.68	249.10	253.79	1.61	ppb
Molybdenum	94-1	618.00	626.92	685.30	643.41	5.68	ppb
Molybdenum	95-1	625.58	619.80	683.77	643.05	5.50	ppb
Molybdenum	96-1	606.56	633.07	685.13	641.59	6.23	ppb
Molybdenum	97-1	603.79	608.45	666.36	626.20	5.57	ppb
Molybdenum	98-1	615.52	620.53	673.82	636.62	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.42	127.66	125.30	127.13	1.28	ppb
Phosphorus	31-2	2312.04	2371.91	2242.73	2308.89	2.80	ppb
Potassium	39-2	6509.55	6393.00	6282.55	6395.04	1.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	141.44	106.55	82.88	110.29	26.71	ppb
Selenium	78-2	165.38	92.11	112.89	123.46	30.59	ppb
Selenium	82-1	126.93	123.16	138.42	129.50	6.14	ppb
Silicon	28-1	167.03	164.68	194.00	175.24	9.30	ppb
Silver	109-1	129.58	133.30	145.28	136.05	6.03	ppb
Silver	107-1	128.60	132.73	143.85	135.06	5.84	ppb
Sodium	23-2	13396.85	13426.85	13171.45	13331.72	1.05	ppb
Strontium	86-1	120.38	123.29	134.14	125.94	5.76	ppb
Strontium	88-1	124.85	127.55	137.62	130.01	5.18	ppb
Sulfur	34-1	2408.46	2118.58	3914.08	2813.70	34.26	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	121.38	121.36	133.07	125.27	5.39	ppb
Thallium	205-1	124.09	120.43	135.23	126.58	6.09	ppb
Tin	118-1	124.92	126.76	139.66	130.45	6.16	ppb
Titanium	47-1	616.76	618.51	667.68	634.32	4.56	ppb
Uranium	238-1	120.61	120.15	134.59	125.12	6.56	ppb
Vanadium	51-2	125.16	124.00	122.99	124.05	0.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	252.87	256.51	255.71	255.03	0.75	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	125.28	127.41	138.38	130.35	5.39	ppb
Zirconium	91-1	120.84	122.72	135.44	126.33	6.29	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 13:52:30 DataFile Name : 008CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5027.92	5371.46	5031.65	5143.68	3.84	ppb
Antimony	121-1	254.96	254.31	254.40	254.56	0.14	ppb
Arsenic	75-2	253.12	280.88	252.99	262.33	6.12	ppb
Barium	135-1	1276.52	1271.51	1269.98	1272.67	0.27	ppb
Barium	137-1	1273.89	1259.51	1262.34	1265.25	0.60	ppb
Beryllium	9-1	250.63	245.96	253.11	249.90	1.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	239.17	238.53	256.69	244.80	4.21	ppb
Boron	11-1	240.74	241.63	250.82	244.40	2.28	ppb
Cadmium	111-1	254.60	252.56	258.91	255.36	1.27	ppb
Cadmium	106-1	257.36	251.08	259.42	255.95	1.70	ppb
Cadmium	108-1	259.10	256.53	257.03	257.55	0.53	ppb
Calcium	43-1	24787.82	25227.52	24889.32	24968.22	0.92	ppb
Calcium	44-1	25005.20	25462.81	25121.95	25196.65	0.94	ppb
Chromium	52-2	253.52	280.44	252.30	262.09	6.07	ppb
Cobalt	59-2	249.88	276.00	250.44	258.77	5.76	ppb
Copper	63-2	505.42	549.88	500.12	518.47	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	13036.01	14099.00	12943.59	13359.53	4.81	ppb
Iron	57-2	12909.62	14024.24	12619.85	13184.57	5.62	ppb
Krypton	83-1						cps
Lead	206-1	240.82	238.88	242.04	240.58	0.66	ppb
Lead	207-1	239.74	241.46	240.97	240.72	0.37	ppb
Lead	208-1	242.25	245.18	244.05	243.83	0.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	26602.41	28761.53	26080.10	27148.01	5.24	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:52:30	DataFile Name :	008CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.65	556.96	513.79	528.13	4.73	ppb
Molybdenum	94-1	1255.88	1237.50	1242.83	1245.40	0.76	ppb
Molybdenum	95-1	1251.95	1239.92	1225.83	1239.24	1.06	ppb
Molybdenum	96-1	1257.28	1238.07	1240.36	1245.24	0.84	ppb
Molybdenum	97-1	1261.24	1267.87	1265.43	1264.84	0.27	ppb
Molybdenum	98-1	1240.86	1242.20	1223.82	1235.62	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.17	280.20	253.09	264.15	5.39	ppb
Phosphorus	31-2	5143.17	5339.89	4895.88	5126.31	4.34	ppb
Potassium	39-2	12868.22	14129.97	12738.78	13245.66	5.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	287.15	292.04	294.72	291.31	1.32	ppb
Selenium	78-2	224.07	278.49	253.42	251.99	10.81	ppb
Selenium	82-1	251.09	251.03	251.65	251.25	0.14	ppb
Silicon	28-1	262.83	268.95	269.78	267.19	1.42	ppb
Silver	109-1	263.65	257.97	263.69	261.77	1.26	ppb
Silver	107-1	258.96	259.24	263.66	260.62	1.01	ppb
Sodium	23-2	27291.79	29399.64	26914.31	27868.58	4.81	ppb
Strontium	86-1	248.10	246.14	245.97	246.73	0.48	ppb
Strontium	88-1	250.45	246.66	249.47	248.86	0.79	ppb
Sulfur	34-1	4707.59	5015.47	4945.86	4889.64	3.30	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	241.82	240.93	242.50	241.75	0.33	ppb
Thallium	205-1	249.24	249.00	249.83	249.36	0.17	ppb
Tin	118-1	253.19	251.47	253.20	252.62	0.39	ppb
Titanium	47-1	1244.69	1235.77	1234.10	1238.19	0.46	ppb
Uranium	238-1	244.64	246.31	247.45	246.13	0.57	ppb
Vanadium	51-2	254.55	275.34	247.21	259.03	5.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	507.78	564.78	511.29	527.95	6.05	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:52:30	DataFile Name :	008CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.08	252.91	249.19	252.06	1.01	ppb
Zirconium	91-1	245.41	242.97	243.57	243.98	0.52	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9749.92	10293.67	9728.13	9923.91	3.23	ppb
Antimony	121-1	523.02	498.66	497.66	506.45	2.84	ppb
Arsenic	75-2	499.31	502.40	501.10	500.94	0.31	ppb
Barium	135-1	2597.41	2496.73	2487.33	2527.16	2.41	ppb
Barium	137-1	2530.80	2434.21	2475.90	2480.30	1.95	ppb
Beryllium	9-1	513.34	496.25	501.65	503.75	1.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	504.53	492.17	501.71	499.47	1.30	ppb
Boron	11-1	503.05	496.74	511.65	503.81	1.49	ppb
Cadmium	111-1	515.21	497.28	493.47	501.98	2.31	ppb
Cadmium	106-1	513.30	493.70	502.60	503.20	1.95	ppb
Cadmium	108-1	517.41	499.17	496.42	504.33	2.26	ppb
Calcium	43-1	52391.23	49578.06	49889.14	50619.48	3.05	ppb
Calcium	44-1	52262.99	49942.46	49718.65	50641.37	2.78	ppb
Chromium	52-2	491.18	509.48	500.69	500.45	1.83	ppb
Cobalt	59-2	486.85	507.44	497.41	497.24	2.07	ppb
Copper	63-2	977.71	1013.39	989.65	993.59	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	25085.37	26084.32	25332.16	25500.62	2.04	ppb
Iron	57-2	24469.59	25967.86	25019.37	25152.28	3.01	ppb
Krypton	83-1						cps
Lead	206-1	507.07	489.02	489.04	495.05	2.10	ppb
Lead	207-1	514.20	486.89	493.09	498.06	2.87	ppb
Lead	208-1	511.20	492.37	494.69	499.42	2.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	51507.07	53662.87	52109.99	52426.64	2.12	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.96	1021.89	994.74	999.86	2.00	ppb
Molybdenum	94-1	2523.49	2447.51	2464.30	2478.43	1.61	ppb
Molybdenum	95-1	2546.12	2408.73	2401.78	2452.21	3.32	ppb
Molybdenum	96-1	2552.57	2431.76	2471.68	2485.34	2.48	ppb
Molybdenum	97-1	2548.79	2492.13	2461.22	2500.71	1.78	ppb
Molybdenum	98-1	2560.11	2422.26	2414.36	2465.58	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.36	514.84	505.10	504.10	2.24	ppb
Phosphorus	31-2	9918.96	10305.13	9772.70	9998.93	2.75	ppb
Potassium	39-2	24486.20	25660.59	24948.82	25031.87	2.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	469.53	544.22	519.59	511.12	7.45	ppb
Selenium	78-2	521.44	498.82	504.11	508.13	2.33	ppb
Selenium	82-1	511.87	494.90	493.72	500.16	2.03	ppb
Silicon	28-1	541.27	504.66	507.05	517.66	3.96	ppb
Silver	109-1	519.92	500.36	508.29	509.52	1.93	ppb
Silver	107-1	518.86	500.16	509.54	509.52	1.84	ppb
Sodium	23-2	51965.99	53295.07	51762.01	52341.02	1.59	ppb
Strontium	86-1	505.68	485.25	495.19	495.38	2.06	ppb
Strontium	88-1	503.40	488.28	493.93	495.20	1.54	ppb
Sulfur	34-1	10570.32	9104.48	9211.78	9628.86	8.49	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	504.67	496.78	506.12	502.52	1.00	ppb
Thallium	205-1	505.18	495.45	497.23	499.29	1.04	ppb
Tin	118-1	516.97	496.01	495.28	502.75	2.45	ppb
Titanium	47-1	2578.38	2473.32	2457.67	2503.13	2.62	ppb
Uranium	238-1	499.66	485.75	489.88	491.76	1.45	ppb
Vanadium	51-2	488.02	506.71	499.40	498.04	1.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	983.95	1026.73	1002.02	1004.24	2.14	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.64	486.87	496.25	497.26	2.20	ppb
Zirconium	91-1	500.05	483.52	488.38	490.65	1.73	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:59:28	DataFile Name :	010CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19341.77	19398.05	19639.38	19459.73	0.81	ppb
Antimony	121-1	977.89	1024.66	982.13	994.89	2.60	ppb
Arsenic	75-2	998.92	987.35	1002.13	996.13	0.78	ppb
Barium	135-1	4852.02	5104.75	4972.63	4976.47	2.54	ppb
Barium	137-1	4928.18	5139.20	4940.06	5002.48	2.37	ppb
Beryllium	9-1	983.90	1025.50	983.01	997.47	2.43	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	977.60	1017.29	1010.94	1001.94	2.13	ppb
Boron	11-1	966.75	1018.60	1012.70	999.35	2.84	ppb
Cadmium	111-1	968.28	1040.50	980.78	996.52	3.87	ppb
Cadmium	106-1	979.39	1034.47	974.22	996.02	3.35	ppb
Cadmium	108-1	981.05	1022.03	980.34	994.48	2.40	ppb
Calcium	43-1	101677.46	105110.51	100936.95	102574.98	2.17	ppb
Calcium	44-1	100337.25	104424.91	101310.50	102024.22	2.09	ppb
Chromium	52-2	1000.96	989.26	999.72	996.65	0.65	ppb
Cobalt	59-2	995.69	997.23	1004.54	999.15	0.47	ppb
Copper	63-2	2004.44	1987.64	2003.73	1998.60	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	50663.04	50855.38	51130.71	50883.04	0.46	ppb
Iron	57-2	50327.34	50128.13	50418.12	50291.20	0.29	ppb
Krypton	83-1						cps
Lead	206-1	984.27	1028.89	1001.46	1004.87	2.24	ppb
Lead	207-1	977.15	1036.35	996.74	1003.41	3.01	ppb
Lead	208-1	982.41	1025.66	997.46	1001.84	2.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	102925.77	102862.11	102871.18	102886.35	0.03	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:59:28	DataFile Name :	010CAL5_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.28	2000.22	1991.67	1992.39	0.38	ppb
Molybdenum	94-1	4917.50	5239.23	4872.46	5009.73	3.99	ppb
Molybdenum	95-1	4940.44	5231.77	4901.44	5024.55	3.59	ppb
Molybdenum	96-1	4885.33	5245.71	4888.81	5006.62	4.14	ppb
Molybdenum	97-1	4885.98	5224.54	4878.07	4996.19	3.96	ppb
Molybdenum	98-1	4958.32	5171.43	4929.02	5019.59	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.55	993.31	997.23	994.03	0.29	ppb
Phosphorus	31-2	20067.32	20218.33	19686.32	19990.66	1.37	ppb
Potassium	39-2	48975.91	49680.35	49774.34	49476.87	0.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	865.72	1044.61	1044.56	984.97	10.48	ppb
Selenium	78-2	963.78	1038.66	984.29	995.57	3.89	ppb
Selenium	82-1	982.05	1035.86	978.93	998.95	3.20	ppb
Silicon	28-1	965.49	1007.58	966.18	979.75	2.46	ppb
Silver	109-1	966.41	1029.36	976.41	990.73	3.41	ppb
Silver	107-1	972.30	1021.30	979.88	991.16	2.66	ppb
Sodium	23-2	102781.39	102950.07	102705.02	102812.16	0.12	ppb
Strontium	86-1	982.79	1049.47	976.85	1003.04	4.02	ppb
Strontium	88-1	977.93	1048.54	979.66	1002.04	4.02	ppb
Sulfur	34-1	19829.08	21064.08	19631.44	20174.87	3.85	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	980.17	1030.35	992.01	1000.84	2.62	ppb
Thallium	205-1	973.68	1028.87	998.51	1000.35	2.76	ppb
Tin	118-1	975.52	1032.66	983.63	997.27	3.10	ppb
Titanium	47-1	4947.72	5105.65	4947.58	5000.32	1.82	ppb
Uranium	238-1	998.62	1022.43	994.46	1005.17	1.50	ppb
Vanadium	51-2	996.97	995.93	1003.60	998.83	0.42	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1989.71	1981.88	1998.38	1989.99	0.41	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:59:28	DataFile Name :	010CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	980.44	1034.36	985.79	1000.20	2.97	ppb
Zirconium	91-1	975.46	1049.60	993.23	1006.10	3.85	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CAL5_P8050918- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99243.50	100223.29	100858.59	100108.46	0.81	ppb
Antimony	121-1	3.54	3.67	4.02	3.74	6.67	ppb
Arsenic	75-2	0.66	0.74	0.73	0.71	5.95	ppb
Barium	135-1	1.45	1.48	1.58	1.50	4.36	ppb
Barium	137-1	1.44	1.46	1.51	1.47	2.29	ppb
Beryllium	9-1	0.15	0.20	0.16	0.17	16.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	41.77	40.25	36.92	39.64	6.26	ppb
Boron	11-1	43.89	41.01	36.09	40.33	9.78	ppb
Cadmium	111-1	0.06	0.02	0.15	0.08	88.36	ppb
Cadmium	106-1	-1.25	-1.48	-0.35	-1.02		ppb
Cadmium	108-1	0.14	0.31	0.07	0.17	71.30	ppb
Calcium	43-1	491106.67	507220.85	499915.82	499414.44	1.62	ppb
Calcium	44-1	494182.15	502845.39	501498.41	499508.65	0.93	ppb
Chromium	52-2	39.72	41.13	39.95	40.27	1.87	ppb
Cobalt	59-2	1.60	1.57	1.41	1.53	6.61	ppb
Copper	63-2	2.57	2.54	2.59	2.57	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				116		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	249437.66	250921.96	248809.46	249723.03	0.43	ppb
Iron	57-2	248795.25	250852.27	250019.08	249888.87	0.41	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.97	1.83	1.92	4.19	ppb
Lead	207-1	1.81	1.81	1.83	1.82	0.44	ppb
Lead	208-1	1.84	1.89	1.84	1.86	1.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	496588.84	497524.30	503045.98	499053.04	0.70	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CAL5_P8050918- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.56	7.72	7.92	8.06	5.43	ppb
Molybdenum	94-1	6.47	6.43	6.79	6.57	3.04	ppb
Molybdenum	95-1	8.41	8.62	9.16	8.73	4.45	ppb
Molybdenum	96-1	8.64	8.91	9.41	8.99	4.36	ppb
Molybdenum	97-1	8.56	8.75	8.90	8.74	1.94	ppb
Molybdenum	98-1	8.51	8.64	9.26	8.80	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.95	25.95	25.36	25.42	1.99	ppb
Phosphorus	31-2	-0.97	-21.50	-21.50	-14.66		ppb
Potassium	39-2	247338.39	251657.21	251183.44	250059.68	0.95	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	-3.92	-3.92	12.40	1.52	619.35	ppb
Selenium	78-2	-0.63	2.00	1.98	1.12	134.96	ppb
Selenium	82-1	1.08	1.64	1.63	1.45	22.20	ppb
Silicon	28-1	364.43	383.56	395.27	381.09	4.08	ppb
Silver	109-1	0.10	0.08	0.07	0.08	16.40	ppb
Silver	107-1	0.09	0.10	0.08	0.09	13.17	ppb
Sodium	23-2	493933.54	502471.49	500700.44	499035.16	0.90	ppb
Strontium	86-1	33.92	32.77	33.86	33.52	1.92	ppb
Strontium	88-1	33.54	33.68	33.77	33.66	0.34	ppb
Sulfur	34-1	-1955.65	-1678.87	-1761.53	-1798.69		ppb
Terbium	159-1				118		%
Terbium	159-2				114		%
Thallium	203-1	0.53	0.52	0.45	0.50	8.36	ppb
Thallium	205-1	0.52	0.49	0.51	0.51	3.81	ppb
Tin	118-1	1.62	1.70	1.79	1.70	5.05	ppb
Titanium	47-1	1.41	1.42	1.43	1.42	0.85	ppb
Uranium	238-1	0.10	0.11	0.09	0.10	10.10	ppb
Vanadium	51-2	0.47	0.60	0.52	0.53	12.21	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	5.84	6.14	5.29	5.76	7.46	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CALS_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.24	0.28	0.26	6.82	ppb
Zirconium	91-1	0.23	0.24	0.23	0.24	2.65	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.12	554.69	511.84	528.22	4.38	ppb
Antimony	121-1	192.48	194.78	195.58	194.28	0.83	ppb
Arsenic	75-2	197.10	195.50	194.85	195.82	0.59	ppb
Barium	135-1	98.73	100.28	99.18	99.40	0.80	ppb
Barium	137-1	96.98	97.81	96.58	97.13	0.65	ppb
Beryllium	9-1	94.43	94.57	94.33	94.44	0.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	496.37	502.23	502.57	500.39	0.70	ppb
Boron	11-1	502.98	505.91	508.07	505.65	0.51	ppb
Cadmium	111-1	102.53	100.94	102.36	101.94	0.86	ppb
Cadmium	106-1	143.30	142.65	152.73	146.23	3.86	ppb
Cadmium	108-1	125.43	124.92	122.53	124.29	1.25	ppb
Calcium	43-1	2089.10	2062.22	2121.20	2090.84	1.41	ppb
Calcium	44-1	2040.23	2026.58	2062.28	2043.03	0.88	ppb
Chromium	52-2	96.66	96.34	94.07	95.69	1.48	ppb
Cobalt	59-2	96.99	97.90	96.80	97.23	0.61	ppb
Copper	63-2	98.85	96.43	96.50	97.26	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	1006.53	1011.11	1001.67	1006.44	0.47	ppb
Iron	57-2	1029.47	994.25	971.82	998.51	2.91	ppb
Krypton	83-1						cps
Lead	206-1	187.22	189.11	193.43	189.92	1.68	ppb
Lead	207-1	181.05	181.41	184.23	182.23	0.95	ppb
Lead	208-1	186.35	186.75	188.72	187.27	0.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	1239.27	1237.14	1244.51	1240.31	0.31	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.99	97.68	99.67	98.78	1.03	ppb
Molybdenum	94-1	1064.48	1073.65	1055.97	1064.70	0.83	ppb
Molybdenum	95-1	489.89	483.35	473.01	482.08	1.77	ppb
Molybdenum	96-1	560.85	564.18	548.55	557.86	1.48	ppb
Molybdenum	97-1	465.51	469.18	462.76	465.82	0.69	ppb
Molybdenum	98-1	482.17	480.34	477.15	479.89	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.57	98.58	98.35	98.83	0.66	ppb
Phosphorus	31-2	-0.87	-0.83	-1.06	-0.92		ppb
Potassium	39-2	2075.27	1977.03	1959.17	2003.82	3.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	274.63	155.45	155.00	195.03	35.35	ppb
Selenium	78-2	220.59	183.65	190.37	198.21	9.93	ppb
Selenium	82-1	198.04	195.15	193.11	195.44	1.27	ppb
Silicon	28-1	474.47	463.04	480.61	472.71	1.89	ppb
Silver	109-1	101.74	101.42	101.45	101.54	0.17	ppb
Silver	107-1	101.96	100.94	100.84	101.25	0.61	ppb
Sodium	23-2	2125.79	2080.18	2070.22	2092.07	1.42	ppb
Strontium	86-1	472.30	475.21	465.36	470.96	1.07	ppb
Strontium	88-1	477.09	476.88	471.14	475.04	0.71	ppb
Sulfur	34-1	-904.50	-997.79	-927.60	-943.30		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	190.41	192.41	194.79	192.54	1.14	ppb
Thallium	205-1	199.67	198.80	204.06	200.84	1.40	ppb
Tin	118-1	499.07	496.79	489.94	495.27	0.96	ppb
Titanium	47-1	477.08	474.45	476.57	476.03	0.29	ppb
Uranium	238-1	517.39	514.48	521.31	517.73	0.66	ppb
Vanadium	51-2	95.05	97.51	96.35	96.30	1.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	197.16	195.64	202.13	198.31	1.71	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.88	479.26	476.46	480.20	0.89	ppb
Zirconium	91-1	465.05	470.62	465.24	466.97	0.68	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:47:37	DataFile Name :	013CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	3.01	-3.92	0.84	492.92	ppb
Antimony	121-1	0.25	0.31	0.40	0.32	23.94	ppb
Arsenic	75-2	0.03	0.06	0.00	0.03	104.55	ppb
Barium	135-1	0.00	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	443.10	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	4.06	3.81	5.07	4.31	15.43	ppb
Boron	11-1	4.36	4.46	4.07	4.30	4.72	ppb
Cadmium	111-1	0.02	-0.06	-0.08	-0.04		ppb
Cadmium	106-1	0.15	-0.84	-1.22	-0.63		ppb
Cadmium	108-1	-0.10	-0.06	-0.06	-0.07		ppb
Calcium	43-1	-16.70	-13.08	-15.28	-15.02		ppb
Calcium	44-1	-22.38	-17.67	-19.57	-19.88		ppb
Chromium	52-2	0.04	-0.07	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.12	-0.15	-0.19	-0.16		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				109		%
Indium	115-2				105		%
Iron	56-2	0.31	0.28	0.14	0.24	38.21	ppb
Iron	57-2	-0.80	1.80	0.58	0.53	246.63	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	891.49	ppb
Lead	207-1	-0.01	0.00	0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.01	0.00	8422.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	-1.31	-0.21	1.71	0.06	2392.13	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:47:37	DataFile Name :	013CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.03	-0.09	-0.05		ppb
Molybdenum	94-1	0.12	0.20	0.18	0.16	25.83	ppb
Molybdenum	95-1	0.08	0.15	0.21	0.15	44.13	ppb
Molybdenum	96-1	0.06	0.13	0.18	0.12	50.12	ppb
Molybdenum	97-1	0.06	0.15	0.26	0.15	65.39	ppb
Molybdenum	98-1	0.05	0.13	0.22	0.14	63.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.09	-0.05	-0.05		ppb
Phosphorus	31-2	-21.50	-21.50	-1.34	-14.78		ppb
Potassium	39-2	9.85	0.14	4.96	4.98	97.39	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	77-2	-3.92	1.62	-3.92	-2.07		ppb
Selenium	78-2	-0.63	2.03	-0.63	0.26	588.48	ppb
Selenium	82-1	0.73	0.67	0.32	0.57	38.70	ppb
Silicon	28-1	-16.76	-16.76	-18.63	-17.38		ppb
Silver	109-1	0.01	0.00	0.01	0.00	131.17	ppb
Silver	107-1	0.00	0.00	0.01	0.00	170.37	ppb
Sodium	23-2	29.09	26.65	21.80	25.85	14.36	ppb
Strontium	86-1	-0.02	0.02	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1094.11	-1148.76	-1184.89	-1142.59		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.01	0.02	66.11	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	16.12	ppb
Tin	118-1	-0.04	0.04	0.01	0.01	756.06	ppb
Titanium	47-1	-0.03	0.00	0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	84.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	-1.09	-0.99	-0.91	-1.00		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:47:37	DataFile Name :	013CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	9.12	ppb
Zirconium	91-1	-0.01	0.02	0.00	0.00	1084.05	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89934.47	91876.55	92039.76	91283.59	1.28	ppb
Antimony	121-1	1.26	1.29	1.29	1.28	1.18	ppb
Arsenic	75-2	0.40	0.24	0.28	0.31	27.40	ppb
Barium	135-1	1.33	1.48	1.35	1.39	6.05	ppb
Barium	137-1	1.38	1.57	1.40	1.45	7.23	ppb
Beryllium	9-1	0.28	0.22	0.27	0.26	11.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	5.36	5.88	5.39	5.54	5.30	ppb
Boron	11-1	5.42	4.72	4.67	4.94	8.50	ppb
Cadmium	111-1	0.18	0.21	0.12	0.17	26.11	ppb
Cadmium	106-1	-2.44	-1.29	-1.86	-1.86		ppb
Cadmium	108-1	8.00	7.03	7.06	7.36	7.53	ppb
Calcium	43-1	96777.48	95829.15	98346.74	96984.46	1.31	ppb
Calcium	44-1	96309.11	95203.02	96459.54	95990.56	0.71	ppb
Chromium	52-2	19.79	20.04	20.63	20.15	2.16	ppb
Cobalt	59-2	1.10	1.00	1.12	1.07	6.15	ppb
Copper	63-2	7.22	7.31	7.37	7.30	1.05	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	96402.98	97772.67	99790.77	97988.81	1.74	ppb
Iron	57-2	95181.86	96331.45	97744.04	96419.11	1.33	ppb
Krypton	83-1						cps
Lead	206-1	4.64	4.71	4.70	4.68	0.76	ppb
Lead	207-1	4.19	4.16	4.10	4.15	1.05	ppb
Lead	208-1	4.38	4.43	4.32	4.38	1.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	99038.37	101144.00	101823.77	100668.71	1.44	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.65	8.15	7.79	7.86	3.28	ppb
Molybdenum	94-1	1314.30	1332.77	1324.44	1323.84	0.70	ppb
Molybdenum	95-1	1856.14	1906.14	1882.12	1881.47	1.33	ppb
Molybdenum	96-1	1816.71	1804.63	1816.18	1812.51	0.38	ppb
Molybdenum	97-1	1880.12	1893.09	1907.12	1893.44	0.71	ppb
Molybdenum	98-1	1862.30	1886.40	1876.15	1874.95	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.07	5.80	5.99	5.95	2.27	ppb
Phosphorus	31-2	96233.97	98505.86	98891.57	97877.13	1.47	ppb
Potassium	39-2	98508.24	100840.27	102420.36	100589.63	1.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	-0.63	1.14	1.12	0.54	186.09	ppb
Selenium	82-1	-0.21	0.30	0.82	0.30	169.86	ppb
Silicon	28-1	23.45	22.37	23.44	23.09	2.68	ppb
Silver	109-1	0.07	0.06	0.09	0.07	21.65	ppb
Silver	107-1	0.05	0.07	0.04	0.06	21.08	ppb
Sodium	23-2	98525.83	99125.55	101817.40	99822.93	1.76	ppb
Strontium	86-1	32.35	32.67	33.17	32.73	1.26	ppb
Strontium	88-1	32.83	33.09	33.55	33.16	1.11	ppb
Sulfur	34-1	74516.02	73451.10	75059.65	74342.26	1.10	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.10	0.13	0.11	17.05	ppb
Thallium	205-1	0.10	0.12	0.14	0.12	16.70	ppb
Tin	118-1	0.09	0.09	0.11	0.10	10.01	ppb
Titanium	47-1	1940.88	1939.94	1955.53	1945.45	0.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.98	ppb
Vanadium	51-2	0.13	0.13	0.12	0.13	4.52	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	9.94	8.77	10.87	9.86	10.68	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.35	0.38	0.37	4.64	ppb
Zirconium	91-1	0.40	0.33	0.30	0.34	14.99	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92955.53	90531.16	93230.56	92239.08	1.61	ppb
Antimony	121-1	20.11	19.96	20.17	20.08	0.55	ppb
Arsenic	75-2	19.56	18.69	18.53	18.92	2.92	ppb
Barium	135-1	20.47	20.62	21.35	20.81	2.27	ppb
Barium	137-1	20.44	20.05	20.37	20.29	1.04	ppb
Beryllium	9-1	18.60	19.13	19.02	18.92	1.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	54.87	60.99	57.74	57.87	5.29	ppb
Boron	11-1	56.36	57.32	58.40	57.36	1.78	ppb
Cadmium	111-1	19.24	19.16	19.14	19.18	0.28	ppb
Cadmium	106-1	22.41	21.81	23.38	22.53	3.51	ppb
Cadmium	108-1	28.21	28.17	29.37	28.58	2.38	ppb
Calcium	43-1	97007.62	96606.53	98034.76	97216.31	0.76	ppb
Calcium	44-1	96114.70	95595.71	97096.36	96268.92	0.79	ppb
Chromium	52-2	40.48	39.44	40.67	40.20	1.65	ppb
Cobalt	59-2	19.96	20.04	20.34	20.11	0.99	ppb
Copper	63-2	26.04	25.58	26.82	26.15	2.40	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				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	98926.01	98051.30	99579.89	98852.40	0.78	ppb
Iron	57-2	97741.01	96426.86	99013.01	97726.96	1.32	ppb
Krypton	83-1						cps
Lead	206-1	23.21	23.54	23.49	23.42	0.76	ppb
Lead	207-1	20.92	21.44	21.51	21.29	1.52	ppb
Lead	208-1	21.88	22.17	22.42	22.16	1.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	101367.70	101318.75	101752.33	101479.59	0.23	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.52	25.50	28.40	26.81	5.48	ppb
Molybdenum	94-1	1422.93	1452.52	1458.55	1444.67	1.32	ppb
Molybdenum	95-1	1899.66	1971.86	1932.67	1934.73	1.87	ppb
Molybdenum	96-1	1866.46	1886.04	1876.42	1876.31	0.52	ppb
Molybdenum	97-1	1930.90	1970.89	1952.56	1951.45	1.03	ppb
Molybdenum	98-1	1893.22	1959.84	1919.06	1924.04	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.74	25.24	25.41	25.13	1.39	ppb
Phosphorus	31-2	99437.10	97813.39	103892.35	100380.95	3.14	ppb
Potassium	39-2	101982.69	101296.42	103327.49	102202.20	1.01	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	17.90	1.58	7.23	8.90	93.05	ppb
Selenium	78-2	14.17	15.19	19.81	16.39	18.34	ppb
Selenium	82-1	18.31	18.32	17.98	18.20	1.06	ppb
Silicon	28-1	89.29	87.14	89.43	88.62	1.45	ppb
Silver	109-1	18.24	18.13	18.07	18.15	0.49	ppb
Silver	107-1	18.35	18.47	18.21	18.34	0.70	ppb
Sodium	23-2	101618.79	100297.82	102873.66	101596.76	1.27	ppb
Strontium	86-1	82.52	83.42	82.33	82.76	0.70	ppb
Strontium	88-1	85.93	87.32	86.09	86.45	0.88	ppb
Sulfur	34-1	74138.31	74125.15	72983.06	73748.84	0.90	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	18.81	18.75	19.13	18.90	1.07	ppb
Thallium	205-1	19.09	19.15	19.14	19.13	0.18	ppb
Tin	118-1	51.47	52.23	52.07	51.92	0.77	ppb
Titanium	47-1	2011.08	1995.23	2015.16	2007.15	0.52	ppb
Uranium	238-1	51.22	52.02	52.05	51.76	0.91	ppb
Vanadium	51-2	19.25	18.22	18.97	18.82	2.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	28.46	28.00	30.53	29.00	4.65	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.65	51.49	51.87	51.34	1.21	ppb
Zirconium	91-1	49.86	50.27	50.91	50.35	1.05	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50592.56	50684.82	52184.99	51154.12	1.75	ppb
Antimony	121-1	506.85	509.20	517.73	511.26	1.12	ppb
Arsenic	75-2	503.97	497.61	510.27	503.95	1.26	ppb
Barium	135-1	2507.11	2564.81	2609.66	2560.53	2.01	ppb
Barium	137-1	2474.87	2535.21	2567.76	2525.95	1.87	ppb
Beryllium	9-1	508.36	504.76	508.55	507.22	0.42	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	494.09	510.10	517.53	507.24	2.36	ppb
Boron	11-1	494.20	508.01	514.03	505.41	2.01	ppb
Cadmium	111-1	494.50	499.53	508.10	500.71	1.37	ppb
Cadmium	106-1	487.15	499.63	512.67	499.82	2.55	ppb
Cadmium	108-1	494.64	499.68	505.50	499.94	1.09	ppb
Calcium	43-1	246456.72	244139.91	249744.69	246780.44	1.14	ppb
Calcium	44-1	248772.38	248647.40	251817.72	249745.84	0.72	ppb
Chromium	52-2	511.19	511.73	526.80	516.57	1.71	ppb
Cobalt	59-2	476.26	479.67	492.54	482.83	1.78	ppb
Copper	63-2	964.43	955.74	990.29	970.15	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	123021.68	124186.68	127387.40	124865.25	1.81	ppb
Iron	57-2	123401.67	125313.94	127359.64	125358.42	1.58	ppb
Krypton	83-1						cps
Lead	206-1	503.26	507.79	495.95	502.33	1.19	ppb
Lead	207-1	503.87	504.31	500.18	502.79	0.45	ppb
Lead	208-1	503.66	504.47	503.13	503.75	0.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	245841.18	247215.87	252994.03	248683.69	1.53	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.30	1006.90	1030.85	1010.35	1.88	ppb
Molybdenum	94-1	2531.81	2449.42	2500.69	2493.97	1.67	ppb
Molybdenum	95-1	2506.20	2452.64	2479.94	2479.59	1.08	ppb
Molybdenum	96-1	2539.57	2456.10	2525.16	2506.94	1.78	ppb
Molybdenum	97-1	2518.76	2460.60	2527.66	2502.34	1.46	ppb
Molybdenum	98-1	2516.11	2483.98	2495.73	2498.61	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.55	492.65	505.79	497.66	1.43	ppb
Phosphorus	31-2	10120.81	10693.06	10188.34	10334.07	3.03	ppb
Potassium	39-2	125244.28	126180.17	129526.82	126983.76	1.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	77-2	484.80	457.01	526.65	489.49	7.16	ppb
Selenium	78-2	509.90	472.09	478.91	486.97	4.14	ppb
Selenium	82-1	497.22	490.24	495.87	494.44	0.75	ppb
Silicon	28-1	505.01	507.98	512.93	508.64	0.79	ppb
Silver	109-1	496.94	503.22	514.69	504.95	1.78	ppb
Silver	107-1	497.17	503.58	517.33	506.02	2.04	ppb
Sodium	23-2	247356.79	248686.90	255537.05	250526.91	1.75	ppb
Strontium	86-1	509.22	506.76	514.61	510.20	0.79	ppb
Strontium	88-1	519.02	508.37	523.18	516.86	1.48	ppb
Sulfur	34-1	8135.50	8278.32	8531.67	8315.16	2.41	ppb
Terbium	159-1				116		%
Terbium	159-2				112		%
Thallium	203-1	503.80	506.55	510.42	506.92	0.66	ppb
Thallium	205-1	502.47	499.41	508.11	503.33	0.88	ppb
Tin	118-1	505.41	510.31	520.80	512.17	1.54	ppb
Titanium	47-1	2491.14	2525.85	2548.18	2521.72	1.14	ppb
Uranium	238-1	514.16	511.26	512.77	512.73	0.28	ppb
Vanadium	51-2	494.83	500.77	507.49	501.03	1.26	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	955.87	969.19	990.25	971.77	1.78	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.18	504.56	516.72	509.49	1.26	ppb
Zirconium	91-1	498.68	499.22	500.69	499.53	0.21	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.54	-2.57	3.14	-0.66		ppb
Antimony	121-1	0.62	0.85	0.95	0.81	20.50	ppb
Arsenic	75-2	0.12	0.06	0.22	0.13	60.84	ppb
Barium	135-1	0.01	0.00	0.01	0.01	57.68	ppb
Barium	137-1	0.01	0.02	-0.01	0.01	303.84	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	37.66	ppb
Bismuth	209-1				114		%
Bismuth	209-2				117		%
Boron	10-1	6.21	6.78	8.10	7.03	13.81	ppb
Boron	11-1	7.42	7.48	7.08	7.33	2.93	ppb
Cadmium	111-1	-0.03	-0.11	-0.03	-0.06		ppb
Cadmium	106-1	-0.42	-2.02	-0.67	-1.04		ppb
Cadmium	108-1	0.01	-0.13	0.01	-0.04		ppb
Calcium	43-1	-19.88	-12.67	-18.09	-16.88		ppb
Calcium	44-1	-7.19	-9.36	-9.59	-8.71		ppb
Chromium	52-2	0.08	-0.03	-0.05	0.00	2740.35	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.10	-0.07	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	1.85	1.48	1.57	1.63	11.56	ppb
Iron	57-2	2.16	1.28	1.91	1.78	25.25	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	7.72	ppb
Lead	207-1	0.11	0.10	0.07	0.09	25.94	ppb
Lead	208-1	0.09	0.10	0.08	0.09	7.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.30	0.76	2.15	1.07	89.61	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.08	-0.09	-0.07		ppb
Molybdenum	94-1	0.46	0.69	0.83	0.66	27.90	ppb
Molybdenum	95-1	0.63	0.82	0.98	0.81	22.00	ppb
Molybdenum	96-1	0.62	0.77	1.05	0.81	26.86	ppb
Molybdenum	97-1	0.62	0.85	1.02	0.83	24.72	ppb
Molybdenum	98-1	0.62	0.77	1.01	0.80	24.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-1.41	-21.50	40.04	5.71	549.50	ppb
Potassium	39-2	15.31	2.13	12.02	9.82	69.88	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	-0.63	-0.63	-0.63	-0.63		ppb
Selenium	82-1	-0.39	0.23	0.27	0.04	985.20	ppb
Silicon	28-1	-20.79	-22.39	-21.84	-21.67		ppb
Silver	109-1	0.02	0.03	0.02	0.02	17.42	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.31	ppb
Sodium	23-2	55.66	52.30	40.13	49.36	16.56	ppb
Strontium	86-1	-0.03	0.03	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1918.32	-2081.57	-2034.27	-2011.38		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.11	0.09	0.10	12.63	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	5.36	ppb
Tin	118-1	-0.01	0.05	0.05	0.03	114.11	ppb
Titanium	47-1	0.15	0.09	0.11	0.12	28.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	152.08	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	3.59	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	-0.86	-1.05	-1.03	-0.98		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.07	0.08	0.08	16.02	ppb
Zirconium	91-1	0.04	0.09	0.02	0.05	78.27	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:10:13	DataFile Name :	018SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.58	23.08	18.45	23.37	21.70	ppb
Antimony	121-1	2.24	2.12	2.25	2.20	3.42	ppb
Arsenic	75-2	0.77	1.00	0.82	0.87	14.19	ppb
Barium	135-1	9.55	9.64	9.64	9.61	0.57	ppb
Barium	137-1	9.99	9.56	9.42	9.65	3.06	ppb
Beryllium	9-1	0.97	0.91	0.96	0.94	3.33	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Boron	10-1	25.75	26.49	26.27	26.17	1.46	ppb
Boron	11-1	27.11	26.44	25.47	26.34	3.13	ppb
Cadmium	111-1	0.91	0.97	0.87	0.92	5.19	ppb
Cadmium	106-1	-0.96	0.16	-0.83	-0.55		ppb
Cadmium	108-1	1.16	1.03	0.96	1.05	9.58	ppb
Calcium	43-1	517.43	441.44	429.32	462.73	10.32	ppb
Calcium	44-1	498.68	456.20	449.72	468.20	5.68	ppb
Chromium	52-2	1.99	1.91	1.82	1.91	4.42	ppb
Cobalt	59-2	0.88	0.97	0.96	0.93	5.23	ppb
Copper	63-2	1.94	1.86	1.85	1.88	2.75	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				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	50.97	51.27	50.65	50.96	0.61	ppb
Iron	57-2	50.65	46.82	49.27	48.91	3.97	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.96	0.99	0.99	2.80	ppb
Lead	207-1	1.03	0.96	0.90	0.96	7.12	ppb
Lead	208-1	1.03	0.97	0.98	0.99	3.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	513.91	512.50	493.17	506.53	2.29	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:10:13 DataFile Name : 018SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.02	0.88	1.00	11.40	ppb
Molybdenum	94-1	5.49	4.85	5.20	5.18	6.19	ppb
Molybdenum	95-1	5.02	4.82	5.13	4.99	3.15	ppb
Molybdenum	96-1	5.07	5.01	4.87	4.98	2.14	ppb
Molybdenum	97-1	5.00	5.06	4.94	5.00	1.27	ppb
Molybdenum	98-1	5.05	5.17	5.00	5.07	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.05	0.92	1.02	8.32	ppb
Phosphorus	31-2	-21.50	-0.81	60.04	12.58	337.04	ppb
Potassium	39-2	470.61	519.16	474.43	488.07	5.53	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	-3.92	1.70	-3.92	-2.05		ppb
Selenium	78-2	5.60	3.86	8.33	5.93	37.98	ppb
Selenium	82-1	5.72	4.67	4.73	5.04	11.70	ppb
Silicon	28-1	9.39	-0.20	-0.54	2.88	195.62	ppb
Silver	109-1	1.06	1.02	1.03	1.04	1.85	ppb
Silver	107-1	1.06	1.01	1.02	1.03	2.39	ppb
Sodium	23-2	535.12	551.79	527.64	538.18	2.30	ppb
Strontium	86-1	0.98	1.02	1.00	1.00	2.10	ppb
Strontium	88-1	1.05	0.96	0.97	0.99	5.15	ppb
Sulfur	34-1	-721.61	-1692.13	-1620.69	-1344.81		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.06	1.00	0.94	1.00	6.18	ppb
Thallium	205-1	1.05	1.04	1.03	1.04	1.03	ppb
Tin	118-1	5.05	4.76	5.03	4.95	3.35	ppb
Titanium	47-1	4.85	4.50	4.53	4.63	4.13	ppb
Uranium	238-1	1.01	0.92	0.88	0.94	6.75	ppb
Vanadium	51-2	4.69	4.76	4.74	4.73	0.68	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	2.09	1.66	1.64	1.79	14.20	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:10:13	DataFile Name :	018SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.12	1.08	1.04	1.08	3.54	ppb
Zirconium	91-1	1.09	1.11	1.02	1.07	4.19	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.17	7.70	17.62	14.50	40.66	ppb
Antimony	121-1	1.90	2.16	2.02	2.02	6.34	ppb
Arsenic	75-2	0.76	0.79	0.99	0.85	14.71	ppb
Barium	135-1	8.97	9.03	8.96	8.99	0.41	ppb
Barium	137-1	9.08	8.99	8.86	8.98	1.22	ppb
Beryllium	9-1	0.92	0.95	0.98	0.95	3.29	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	10-1	24.07	26.19	25.41	25.22	4.23	ppb
Boron	11-1	23.15	24.90	25.67	24.57	5.27	ppb
Cadmium	111-1	0.86	0.84	0.71	0.80	10.05	ppb
Cadmium	106-1	0.50	0.32	-1.14	-0.11		ppb
Cadmium	108-1	0.87	1.01	1.05	0.97	9.84	ppb
Calcium	43-1	450.79	439.28	455.35	448.47	1.85	ppb
Calcium	44-1	446.42	445.92	452.34	448.23	0.80	ppb
Chromium	52-2	2.26	2.02	2.06	2.11	6.08	ppb
Cobalt	59-2	1.01	0.91	0.91	0.94	5.78	ppb
Copper	63-2	1.90	1.83	1.86	1.86	1.79	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				109		%
Indium	115-2				104		%
Iron	56-2	50.68	49.26	49.45	49.80	1.55	ppb
Iron	57-2	49.86	49.43	39.84	46.38	12.21	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.94	0.97	0.95	1.42	ppb
Lead	207-1	0.93	0.87	0.92	0.91	3.44	ppb
Lead	208-1	0.95	0.94	0.91	0.93	1.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	506.94	492.65	488.57	496.05	1.94	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.82	1.04	1.09	0.99	14.47	ppb
Molybdenum	94-1	4.53	5.10	4.67	4.77	6.20	ppb
Molybdenum	95-1	4.60	4.58	4.78	4.65	2.31	ppb
Molybdenum	96-1	4.61	4.83	4.59	4.68	2.85	ppb
Molybdenum	97-1	4.40	4.64	4.58	4.54	2.70	ppb
Molybdenum	98-1	4.58	4.80	4.73	4.70	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.06	0.79	0.99	17.47	ppb
Phosphorus	31-2	-21.50	-0.44	20.31	-0.54		ppb
Potassium	39-2	520.93	480.31	475.93	492.39	5.04	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	1.86	7.48	-3.92	1.81	315.65	ppb
Selenium	78-2	5.83	3.01	7.50	5.45	41.66	ppb
Selenium	82-1	4.50	4.64	4.24	4.46	4.51	ppb
Silicon	28-1	1.09	-1.00	-0.21	-0.04		ppb
Silver	109-1	0.97	1.03	0.95	0.99	3.95	ppb
Silver	107-1	1.00	0.97	0.95	0.97	2.25	ppb
Sodium	23-2	546.69	534.01	529.36	536.69	1.67	ppb
Strontium	86-1	0.94	0.97	0.90	0.94	3.91	ppb
Strontium	88-1	0.90	0.98	0.96	0.95	4.15	ppb
Sulfur	34-1	-1376.75	-1488.39	-1440.12	-1435.08		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.99	1.03	0.97	7.01	ppb
Thallium	205-1	0.97	0.93	0.94	0.95	2.48	ppb
Tin	118-1	4.52	4.53	4.37	4.47	2.03	ppb
Titanium	47-1	4.93	4.18	4.47	4.53	8.35	ppb
Uranium	238-1	0.86	0.88	0.86	0.86	1.21	ppb
Vanadium	51-2	4.78	4.67	4.68	4.71	1.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	2.50	2.28	1.74	2.18	17.95	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	1.00	1.00	0.99	1.17	ppb
Zirconium	91-1	0.98	0.85	1.00	0.94	9.00	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.95	-2.42	-3.86	-1.44		ppb
Antimony	121-1	0.09	0.08	0.14	0.10	29.66	ppb
Arsenic	75-2	-0.02	0.07	-0.04	0.00	1435.45	ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	131.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	3.17	4.11	2.96	3.41	17.86	ppb
Boron	11-1	3.82	3.89	3.59	3.76	4.17	ppb
Cadmium	111-1	-0.13	0.03	-0.28	-0.13		ppb
Cadmium	106-1	-2.01	0.32	-3.82	-1.84		ppb
Cadmium	108-1	-0.06	-0.10	-0.06	-0.07		ppb
Calcium	43-1	-21.58	-13.13	-12.85	-15.85		ppb
Calcium	44-1	-15.06	-14.95	-13.23	-14.42		ppb
Chromium	52-2	0.01	0.02	-0.10	-0.02		ppb
Cobalt	59-2	-0.02	0.00	-0.03	-0.02		ppb
Copper	63-2	-0.02	-0.13	-0.14	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	0.31	0.46	0.07	0.28	70.28	ppb
Iron	57-2	1.29	1.68	3.31	2.09	51.25	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	41.65	ppb
Lead	207-1	0.02	0.02	0.02	0.02	8.23	ppb
Lead	208-1	0.01	0.02	0.02	0.02	32.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.57	-0.78	3.21	1.34	150.25	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.15	-0.05	-0.05	-0.08		ppb
Molybdenum	94-1	0.08	0.11	0.11	0.10	20.00	ppb
Molybdenum	95-1	0.03	0.11	0.12	0.09	53.95	ppb
Molybdenum	96-1	0.04	0.08	0.13	0.08	51.95	ppb
Molybdenum	97-1	0.05	0.12	0.09	0.09	42.45	ppb
Molybdenum	98-1	0.02	0.07	0.13	0.07	81.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.04		ppb
Phosphorus	31-2	63.07	-21.50	-21.50	6.69	729.93	ppb
Potassium	39-2	3.38	-4.72	-12.57	-4.64		ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	0.29	2.09	0.29	0.89	116.63	ppb
Selenium	82-1	-0.27	0.83	0.59	0.39	149.74	ppb
Silicon	28-1	-18.90	-19.24	-18.36	-18.83		ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.41	ppb
Silver	107-1	0.01	0.01	0.00	0.01	90.70	ppb
Sodium	23-2	31.36	40.59	27.05	33.00	20.95	ppb
Strontium	86-1	-0.05	0.06	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1600.12	-1337.66	-1382.63	-1440.14		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.04	0.05	0.05	20.14	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	15.78	ppb
Tin	118-1	-0.12	-0.12	-0.13	-0.12		ppb
Titanium	47-1	-0.03	-0.10	-0.01	-0.05		ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.02	-0.01	0.00	0.00	372.98	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	-1.07	-1.28	-1.12	-1.16		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	13.80	ppb
Zirconium	91-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9759.69	9778.45	9944.87	9827.67	1.04	ppb
Antimony	121-1	514.92	493.92	497.25	502.03	2.25	ppb
Arsenic	75-2	489.43	485.46	493.32	489.40	0.80	ppb
Barium	135-1	2559.81	2487.86	2483.13	2510.27	1.71	ppb
Barium	137-1	2527.79	2454.64	2449.53	2477.32	1.77	ppb
Beryllium	9-1	513.71	489.05	481.71	494.82	3.39	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	477.65	475.34	473.98	475.66	0.39	ppb
Boron	11-1	483.68	477.32	478.70	479.90	0.70	ppb
Cadmium	111-1	506.44	490.90	489.57	495.64	1.89	ppb
Cadmium	106-1	502.54	482.56	495.27	493.46	2.05	ppb
Cadmium	108-1	515.85	495.82	495.42	502.36	2.33	ppb
Calcium	43-1	50821.41	48786.01	48661.93	49423.12	2.45	ppb
Calcium	44-1	51016.28	49263.30	49103.23	49794.27	2.13	ppb
Chromium	52-2	487.85	497.78	497.80	494.48	1.16	ppb
Cobalt	59-2	488.14	496.44	503.04	495.87	1.51	ppb
Copper	63-2	965.09	985.21	987.46	979.25	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	25006.86	25399.93	25590.23	25332.34	1.17	ppb
Iron	57-2	24609.82	25527.72	25276.46	25138.00	1.89	ppb
Krypton	83-1						cps
Lead	206-1	513.21	482.42	487.92	494.52	3.32	ppb
Lead	207-1	517.99	490.41	492.35	500.25	3.08	ppb
Lead	208-1	515.65	489.08	493.70	499.48	2.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	51968.19	52583.18	53653.88	52735.08	1.62	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.84	999.79	1004.17	995.27	1.19	ppb
Molybdenum	94-1	2559.70	2447.26	2430.85	2479.27	2.83	ppb
Molybdenum	95-1	2528.50	2423.28	2396.35	2449.38	2.85	ppb
Molybdenum	96-1	2584.95	2447.66	2427.49	2486.70	3.45	ppb
Molybdenum	97-1	2572.01	2442.98	2432.32	2482.44	3.13	ppb
Molybdenum	98-1	2527.50	2416.65	2415.96	2453.37	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.90	499.15	506.20	498.75	1.54	ppb
Phosphorus	31-2	9883.33	9298.47	9975.00	9718.93	3.78	ppb
Potassium	39-2	24506.42	25156.48	25304.86	24989.25	1.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	566.73	430.77	483.12	493.54	13.90	ppb
Selenium	78-2	524.74	505.41	496.16	508.77	2.87	ppb
Selenium	82-1	514.33	490.87	489.00	498.07	2.83	ppb
Silicon	28-1	520.60	515.64	495.31	510.51	2.62	ppb
Silver	109-1	521.15	501.59	502.46	508.40	2.17	ppb
Silver	107-1	522.51	503.65	500.90	509.02	2.31	ppb
Sodium	23-2	51204.27	52185.96	52372.74	51920.99	1.21	ppb
Strontium	86-1	504.37	483.49	484.99	490.95	2.37	ppb
Strontium	88-1	513.42	487.85	488.78	496.69	2.92	ppb
Sulfur	34-1	9316.96	8681.44	8298.77	8765.73	5.87	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	528.12	481.12	495.88	501.71	4.79	ppb
Thallium	205-1	527.06	486.04	486.29	499.80	4.72	ppb
Tin	118-1	513.42	494.48	494.19	500.70	2.20	ppb
Titanium	47-1	2553.87	2418.86	2443.05	2471.93	2.91	ppb
Uranium	238-1	510.99	481.33	487.42	493.25	3.18	ppb
Vanadium	51-2	490.52	496.08	501.32	495.97	1.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	979.42	1001.52	1002.12	994.36	1.30	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.99	489.98	487.56	496.18	2.60	ppb
Zirconium	91-1	498.15	480.53	480.79	486.49	2.08	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.17	25.23	30.84	24.41	28.14	ppb
Antimony	121-1	4.61	5.28	5.93	5.27	12.50	ppb
Arsenic	75-2	24.36	26.05	27.24	25.88	5.58	ppb
Barium	135-1	129.49	128.26	129.56	129.10	0.57	ppb
Barium	137-1	125.96	129.79	127.17	127.64	1.54	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	50.03	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	196.98	190.01	173.90	186.96	6.33	ppb
Boron	11-1	204.11	194.57	183.01	193.90	5.45	ppb
Cadmium	111-1	0.21	0.09	0.09	0.13	53.87	ppb
Cadmium	106-1	-1.07	-2.04	-2.27	-1.80		ppb
Cadmium	108-1	0.30	0.29	0.24	0.28	10.95	ppb
Calcium	43-1	72762.06	74042.40	73808.88	73537.78	0.93	ppb
Calcium	44-1	72053.12	72934.24	71877.35	72288.24	0.78	ppb
Chromium	52-2	1.31	1.41	1.41	1.38	4.26	ppb
Cobalt	59-2	2.01	2.09	2.09	2.07	2.33	ppb
Copper	63-2	5.23	5.75	5.79	5.59	5.56	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				84		%
Holmium	165-2				82		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	243.39	262.17	252.86	252.81	3.72	ppb
Iron	57-2	251.50	248.35	260.36	253.40	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.62	0.58	0.67	17.62	ppb
Lead	207-1	0.80	0.56	0.48	0.61	27.12	ppb
Lead	208-1	0.80	0.60	0.51	0.63	23.03	ppb
Lithium	6-1				159		%
Magnesium	24-2	8177.62	8491.63	8335.26	8334.84	1.88	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	614.88	645.49	617.04	625.80	2.73	ppb
Molybdenum	94-1	2.98	3.11	3.24	3.11	4.24	ppb
Molybdenum	95-1	3.25	3.50	3.71	3.49	6.68	ppb
Molybdenum	96-1	3.10	3.61	3.84	3.51	10.84	ppb
Molybdenum	97-1	3.36	3.76	4.02	3.71	8.87	ppb
Molybdenum	98-1	3.24	3.50	3.86	3.53	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.41	2.53	2.49	2.68	ppb
Phosphorus	31-2	72.16	52.73	50.39	58.43	20.45	ppb
Potassium	39-2	3329.64	3405.66	3131.44	3288.91	4.30	ppb
Rhodium	103-1				81		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	77-2	-3.92	-3.92	9.87	0.68	1174.43	ppb
Selenium	78-2	2.65	0.52	0.47	1.21	102.65	ppb
Selenium	82-1	1.26	0.72	1.47	1.15	33.87	ppb
Silicon	28-1	11020.56	11062.09	10849.62	10977.42	1.03	ppb
Silver	109-1	1.82	1.41	1.29	1.51	18.40	ppb
Silver	107-1	1.79	1.52	1.27	1.53	16.97	ppb
Sodium	23-2	81218.04	85034.45	82183.81	82812.10	2.40	ppb
Strontium	86-1	253.03	252.80	253.39	253.08	0.12	ppb
Strontium	88-1	258.22	257.18	257.90	257.77	0.21	ppb
Sulfur	34-1	7692.34	7711.30	7109.50	7504.38	4.56	ppb
Terbium	159-1				85		%
Terbium	159-2				81		%
Thallium	203-1	1.45	0.91	0.70	1.02	37.94	ppb
Thallium	205-1	1.32	0.94	0.70	0.98	31.92	ppb
Tin	118-1	2.43	2.55	2.47	2.48	2.43	ppb
Titanium	47-1	1.53	1.20	1.54	1.42	13.58	ppb
Uranium	238-1	1.08	1.15	1.07	1.10	4.23	ppb
Vanadium	51-2	3.41	3.64	3.34	3.46	4.59	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%
Zinc	66-2	2.80	2.67	2.38	2.62	8.13	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.52	0.41	0.43	0.46	13.33	ppb
Zirconium	91-1	0.55	0.41	0.37	0.44	21.32	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01DUP Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430DL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:26:44 DataFile Name : 023SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.89	48.69	32.57	36.05	31.37	ppb
Antimony	121-1	1.44	1.74	1.85	1.68	12.58	ppb
Arsenic	75-2	24.01	26.33	25.56	25.30	4.66	ppb
Barium	135-1	129.28	126.93	127.98	128.06	0.92	ppb
Barium	137-1	127.28	127.69	125.00	126.65	1.15	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	4539.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	175.21	174.94	179.92	176.69	1.58	ppb
Boron	11-1	182.34	176.81	181.06	180.07	1.61	ppb
Cadmium	111-1	-0.12	-0.18	-0.09	-0.13		ppb
Cadmium	106-1	-2.79	-3.61	-2.42	-2.94		ppb
Cadmium	108-1	0.08	0.04	-0.05	0.02	305.44	ppb
Calcium	43-1	72911.47	73469.63	75039.14	73806.75	1.49	ppb
Calcium	44-1	73011.31	73368.13	74490.46	73623.30	1.05	ppb
Chromium	52-2	1.10	1.23	1.10	1.14	6.61	ppb
Cobalt	59-2	2.26	2.32	2.26	2.28	1.42	ppb
Copper	63-2	5.74	6.51	6.01	6.08	6.47	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				95		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				82		%
Iron	56-2	266.67	289.23	264.57	273.49	5.00	ppb
Iron	57-2	260.61	274.71	263.35	266.22	2.81	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.28	0.30	0.29	4.75	ppb
Lead	207-1	0.27	0.24	0.27	0.26	6.26	ppb
Lead	208-1	0.29	0.26	0.26	0.27	6.21	ppb
Lithium	6-1				165		%
Magnesium	24-2	8491.64	8987.31	8136.95	8538.63	5.00	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01DUP Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430DL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:26:44 DataFile Name : 023SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	657.24	695.16	636.05	662.81	4.52	ppb
Molybdenum	94-1	1.60	1.68	1.72	1.67	3.80	ppb
Molybdenum	95-1	1.95	1.90	2.09	1.98	4.96	ppb
Molybdenum	96-1	1.89	2.03	2.06	1.99	4.36	ppb
Molybdenum	97-1	2.00	2.32	2.16	2.16	7.54	ppb
Molybdenum	98-1	1.93	1.97	2.12	2.01	4.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.87	3.45	3.00	3.10	9.88	ppb
Phosphorus	31-2	56.77	-21.50	31.13	22.13	180.29	ppb
Potassium	39-2	3110.72	3320.46	3019.38	3150.19	4.90	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	1.63	-0.63	2.79	1.27	137.26	ppb
Selenium	82-1	0.55	-0.47	0.18	0.09	588.64	ppb
Silicon	28-1	10735.27	10807.60	10751.04	10764.64	0.35	ppb
Silver	109-1	0.53	0.56	0.74	0.61	18.48	ppb
Silver	107-1	0.48	0.59	0.52	0.53	10.54	ppb
Sodium	23-2	84078.55	89248.43	81597.09	84974.69	4.59	ppb
Strontium	86-1	262.33	256.89	259.33	259.52	1.05	ppb
Strontium	88-1	263.75	262.31	265.44	263.83	0.59	ppb
Sulfur	34-1	6359.33	6220.55	6279.06	6286.32	1.11	ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	0.12	0.08	0.12	0.11	17.46	ppb
Thallium	205-1	0.10	0.14	0.12	0.12	15.33	ppb
Tin	118-1	1.73	1.63	1.81	1.72	5.11	ppb
Titanium	47-1	1.38	1.37	1.42	1.39	2.10	ppb
Uranium	238-1	1.17	1.14	1.19	1.17	2.02	ppb
Vanadium	51-2	3.59	4.13	3.75	3.82	7.35	ppb
Yttrium	89-1				87		%
Yttrium	89-2				81		%
Zinc	66-2	3.60	4.72	3.97	4.10	13.91	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01DUP	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430DL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:26:44	DataFile Name :	023SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.20	0.22	0.22	6.89	ppb
Zirconium	91-1	0.24	0.22	0.19	0.22	9.87	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.09	1.36	16.29	7.91	96.38	ppb
Antimony	121-1	0.22	0.27	0.22	0.24	12.08	ppb
Arsenic	75-2	4.25	4.41	4.19	4.28	2.71	ppb
Barium	135-1	24.74	25.99	24.24	24.99	3.60	ppb
Barium	137-1	23.84	25.98	24.15	24.66	4.69	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	9.29	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	63.44	65.35	65.16	64.65	1.62	ppb
Boron	11-1	64.83	65.89	64.67	65.13	1.02	ppb
Cadmium	111-1	-0.31	-0.22	-0.25	-0.26		ppb
Cadmium	106-1	-4.57	-3.47	-3.93	-3.99		ppb
Cadmium	108-1	-0.03	-0.13	-0.10	-0.09		ppb
Calcium	43-1	13581.96	14849.01	13660.04	14030.33	5.06	ppb
Calcium	44-1	13858.24	14807.58	14153.50	14273.10	3.40	ppb
Chromium	52-2	0.38	0.21	0.17	0.25	43.90	ppb
Cobalt	59-2	0.35	0.38	0.41	0.38	7.83	ppb
Copper	63-2	1.46	1.31	1.46	1.41	5.94	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				111		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	47.91	50.75	50.80	49.82	3.31	ppb
Iron	57-2	47.90	50.59	51.39	49.96	3.66	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	29.91	ppb
Lead	207-1	0.05	0.02	0.03	0.03	44.66	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.02	ppb
Lithium	6-1				112		%
Magnesium	24-2	1531.53	1546.43	1572.32	1550.09	1.33	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	118.55	120.58	121.95	120.36	1.42	ppb
Molybdenum	94-1	0.35	0.32	0.42	0.37	14.11	ppb
Molybdenum	95-1	0.38	0.46	0.48	0.44	11.63	ppb
Molybdenum	96-1	0.39	0.48	0.51	0.46	13.00	ppb
Molybdenum	97-1	0.48	0.50	0.60	0.53	12.43	ppb
Molybdenum	98-1	0.39	0.50	0.53	0.47	15.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.54	0.51	0.51	4.14	ppb
Phosphorus	31-2	2.24	2.79	-21.50	-5.49		ppb
Potassium	39-2	584.01	507.12	591.47	560.87	8.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	-0.63	1.47	0.42	0.42	248.10	ppb
Selenium	82-1	0.22	0.22	0.83	0.42	83.85	ppb
Silicon	28-1	2019.41	2165.15	2006.01	2063.52	4.28	ppb
Silver	109-1	0.16	0.19	0.17	0.17	10.63	ppb
Silver	107-1	0.20	0.19	0.19	0.19	3.40	ppb
Sodium	23-2	15197.02	15383.49	15614.01	15398.17	1.36	ppb
Strontium	86-1	48.75	51.01	48.17	49.31	3.04	ppb
Strontium	88-1	50.04	52.20	49.10	50.45	3.16	ppb
Sulfur	34-1	-1611.13	-804.50	-1754.70	-1390.11		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.01	0.03	0.02	69.06	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.87	ppb
Tin	118-1	0.05	0.14	0.17	0.12	49.12	ppb
Titanium	47-1	0.14	0.19	0.31	0.21	41.85	ppb
Uranium	238-1	0.22	0.21	0.21	0.21	1.93	ppb
Vanadium	51-2	0.77	0.63	0.65	0.68	11.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	-0.58	-0.56	-0.50	-0.55		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.04	0.05	0.04	45.03	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	273.79	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01MS Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430M Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:33:25 DataFile Name : 025SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3661.78	3665.59	3724.50	3683.96	0.95	ppb
Antimony	121-1	469.85	468.39	469.45	469.23	0.16	ppb
Arsenic	75-2	518.15	533.09	546.73	532.66	2.68	ppb
Barium	135-1	2454.75	2462.82	2462.03	2459.87	0.18	ppb
Barium	137-1	2437.77	2457.31	2460.94	2452.01	0.51	ppb
Beryllium	9-1	264.27	263.28	258.90	262.15	1.09	ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	10-1	422.24	428.92	432.08	427.75	1.17	ppb
Boron	11-1	411.84	420.52	424.04	418.80	1.50	ppb
Cadmium	111-1	448.26	452.01	445.14	448.47	0.77	ppb
Cadmium	106-1	442.13	439.50	437.12	439.59	0.57	ppb
Cadmium	108-1	438.41	441.89	442.98	441.10	0.54	ppb
Calcium	43-1	118894.92	119148.03	119093.79	119045.58	0.11	ppb
Calcium	44-1	120393.79	117807.27	118414.81	118871.96	1.14	ppb
Chromium	52-2	533.47	535.70	535.80	534.99	0.25	ppb
Cobalt	59-2	537.52	541.70	542.88	540.70	0.52	ppb
Copper	63-2	1070.02	1083.47	1079.19	1077.56	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				78		%
Iron	56-2	26494.48	26367.23	26504.03	26455.25	0.29	ppb
Iron	57-2	25995.71	26296.99	26181.49	26158.06	0.58	ppb
Krypton	83-1						cps
Lead	206-1	485.05	489.03	487.42	487.17	0.41	ppb
Lead	207-1	485.72	493.19	494.69	491.20	0.98	ppb
Lead	208-1	489.26	486.03	490.81	488.70	0.50	ppb
Lithium	6-1				152		%
Magnesium	24-2	59891.91	60151.56	60214.62	60086.03	0.28	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MS	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:33:25	DataFile Name :	025SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1552.74	1574.05	1573.97	1566.92	0.78	ppb
Molybdenum	94-1	2456.03	2414.80	2470.38	2447.07	1.18	ppb
Molybdenum	95-1	2442.07	2365.13	2430.44	2412.55	1.72	ppb
Molybdenum	96-1	2470.66	2388.26	2449.75	2436.23	1.76	ppb
Molybdenum	97-1	2467.88	2426.34	2492.84	2462.35	1.36	ppb
Molybdenum	98-1	2430.34	2412.78	2446.31	2429.81	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.34	559.05	559.32	556.23	0.92	ppb
Phosphorus	31-2	33.86	90.30	34.46	52.87	61.29	ppb
Potassium	39-2	26211.68	26084.95	25930.72	26075.79	0.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				76		%
Selenium	77-2	443.93	588.75	353.95	462.21	25.63	ppb
Selenium	78-2	482.99	522.27	480.29	495.18	4.75	ppb
Selenium	82-1	485.73	477.00	488.15	483.63	1.21	ppb
Silicon	28-1	10496.69	10573.76	10557.88	10542.78	0.39	ppb
Silver	109-1	469.37	468.35	466.92	468.21	0.26	ppb
Silver	107-1	472.84	466.43	466.87	468.71	0.76	ppb
Sodium	23-2	127900.39	128963.04	127283.54	128048.99	0.66	ppb
Strontium	86-1	737.91	726.41	736.86	733.73	0.87	ppb
Strontium	88-1	744.44	734.98	743.84	741.09	0.71	ppb
Sulfur	34-1	6058.85	5859.82	5816.19	5911.62	2.19	ppb
Terbium	159-1				110		%
Terbium	159-2				92		%
Thallium	203-1	491.62	496.02	498.21	495.28	0.68	ppb
Thallium	205-1	500.71	489.63	498.03	496.12	1.17	ppb
Tin	118-1	442.29	447.05	439.48	442.94	0.86	ppb
Titanium	47-1	2369.22	2392.63	2378.43	2380.09	0.50	ppb
Uranium	238-1	500.38	504.82	512.61	505.94	1.22	ppb
Vanadium	51-2	517.06	519.37	523.89	520.11	0.67	ppb
Yttrium	89-1				94		%
Yttrium	89-2				79		%
Zinc	66-2	993.74	990.53	992.84	992.37	0.17	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MS	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:33:25	DataFile Name :	025SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.59	494.77	500.98	500.11	0.99	ppb
Zirconium	91-1	489.79	485.27	495.44	490.17	1.04	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01MSD Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:36:37 DataFile Name : 026SMPL_P8050918- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3825.95	3815.11	4318.52	3986.52	7.21	ppb
Antimony	121-1	472.29	462.82	467.52	467.54	1.01	ppb
Arsenic	75-2	545.28	553.33	614.17	570.92	6.60	ppb
Barium	135-1	2484.79	2461.20	2460.79	2468.93	0.56	ppb
Barium	137-1	2488.00	2440.10	2419.00	2449.03	1.44	ppb
Beryllium	9-1	286.06	284.87	286.65	285.86	0.32	ppb
Bismuth	209-1				119		%
Bismuth	209-2				95		%
Boron	10-1	461.02	474.42	469.40	468.28	1.45	ppb
Boron	11-1	447.08	456.72	459.01	454.27	1.39	ppb
Cadmium	111-1	450.80	441.70	446.00	446.17	1.02	ppb
Cadmium	106-1	442.73	434.63	435.81	437.72	1.00	ppb
Cadmium	108-1	452.80	436.62	442.10	443.84	1.85	ppb
Calcium	43-1	122631.06	122818.15	124731.88	123393.69	0.94	ppb
Calcium	44-1	119634.33	120597.58	123356.87	121196.26	1.59	ppb
Chromium	52-2	560.25	558.22	619.30	579.26	5.99	ppb
Cobalt	59-2	567.82	559.79	632.69	586.77	6.81	ppb
Copper	63-2	1134.38	1119.84	1259.65	1171.29	6.56	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				91		%
Indium	115-1				101		%
Indium	115-2				75		%
Iron	56-2	27846.47	27285.08	30458.16	28529.90	5.94	ppb
Iron	57-2	27360.03	27119.17	30198.17	28225.79	6.07	ppb
Krypton	83-1						cps
Lead	206-1	508.45	492.83	501.54	500.94	1.56	ppb
Lead	207-1	505.63	500.33	506.85	504.27	0.69	ppb
Lead	208-1	504.82	500.36	510.09	505.09	0.96	ppb
Lithium	6-1				143		%
Magnesium	24-2	62124.26	61733.25	68479.51	64112.34	5.91	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MSD	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:36:37	DataFile Name :	026SMPL_P8050918- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1627.21	1601.58	1801.34	1676.71	6.48	ppb
Molybdenum	94-1	2514.07	2523.15	2538.55	2525.26	0.49	ppb
Molybdenum	95-1	2492.38	2483.09	2478.56	2484.68	0.28	ppb
Molybdenum	96-1	2506.23	2531.42	2514.86	2517.50	0.51	ppb
Molybdenum	97-1	2528.91	2558.27	2536.08	2541.09	0.60	ppb
Molybdenum	98-1	2515.15	2518.15	2514.26	2515.85	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	587.43	579.74	648.49	605.22	6.22	ppb
Phosphorus	31-2	65.34	64.03	73.50	67.62	7.59	ppb
Potassium	39-2	27197.27	26554.02	30054.58	27935.29	6.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	77-2	522.81	399.30	574.68	498.93	18.06	ppb
Selenium	78-2	490.03	431.35	499.57	473.65	7.80	ppb
Selenium	82-1	494.86	498.59	502.11	498.52	0.73	ppb
Silicon	28-1	10603.31	10619.60	10723.07	10648.66	0.61	ppb
Silver	109-1	470.71	460.05	454.15	461.64	1.82	ppb
Silver	107-1	470.45	455.60	462.40	462.81	1.61	ppb
Sodium	23-2	134513.07	131725.59	148760.81	138333.16	6.61	ppb
Strontium	86-1	759.55	769.10	759.84	762.83	0.71	ppb
Strontium	88-1	764.99	766.58	760.63	764.07	0.40	ppb
Sulfur	34-1	5931.86	6115.11	6311.57	6119.52	3.10	ppb
Terbium	159-1				117		%
Terbium	159-2				90		%
Thallium	203-1	515.39	513.62	524.42	517.81	1.12	ppb
Thallium	205-1	518.95	513.29	519.35	517.20	0.66	ppb
Tin	118-1	452.09	434.19	440.84	442.37	2.04	ppb
Titanium	47-1	2439.96	2406.31	2462.43	2436.23	1.16	ppb
Uranium	238-1	528.70	526.30	535.75	530.25	0.93	ppb
Vanadium	51-2	543.43	540.63	605.47	563.18	6.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				75		%
Zinc	66-2	1053.14	1032.41	1151.89	1079.15	5.92	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MSD	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:36:37	DataFile Name :	026SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.28	513.75	506.85	512.29	0.95	ppb
Zirconium	91-1	502.79	504.51	505.26	504.18	0.25	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01A Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430A Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:39:50 DataFile Name : 027SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3599.00	4041.72	3711.55	3784.09	6.08	ppb
Antimony	121-1	465.71	456.57	453.42	458.57	1.39	ppb
Arsenic	75-2	547.56	584.69	544.63	558.96	4.00	ppb
Barium	135-1	2415.99	2407.62	2419.69	2414.43	0.26	ppb
Barium	137-1	2395.38	2396.98	2362.35	2384.90	0.82	ppb
Beryllium	9-1	305.26	299.05	294.88	299.73	1.74	ppb
Bismuth	209-1				121		%
Bismuth	209-2				95		%
Boron	10-1	484.71	486.21	504.86	491.93	2.28	ppb
Boron	11-1	469.31	477.05	477.05	474.47	0.94	ppb
Cadmium	111-1	441.11	438.21	432.38	437.24	1.02	ppb
Cadmium	106-1	430.83	434.53	425.66	430.34	1.04	ppb
Cadmium	108-1	441.45	434.77	448.22	441.48	1.52	ppb
Calcium	43-1	118992.52	121625.73	121798.08	120805.44	1.30	ppb
Calcium	44-1	120313.33	120197.70	120042.07	120184.37	0.11	ppb
Chromium	52-2	555.54	603.60	555.56	571.57	4.85	ppb
Cobalt	59-2	565.54	606.51	565.92	579.32	4.06	ppb
Copper	63-2	1130.12	1227.97	1126.15	1161.41	4.97	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				92		%
Indium	115-1				101		%
Indium	115-2				74		%
Iron	56-2	27704.60	29504.93	27222.55	28144.03	4.27	ppb
Iron	57-2	27490.92	29300.57	27142.75	27978.08	4.14	ppb
Krypton	83-1						cps
Lead	206-1	505.63	491.51	503.19	500.11	1.51	ppb
Lead	207-1	500.48	500.88	507.39	502.92	0.77	ppb
Lead	208-1	502.20	496.66	506.46	501.77	0.98	ppb
Lithium	6-1				134		%
Magnesium	24-2	62013.38	67268.20	61478.88	63586.82	5.03	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01A	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:39:50	DataFile Name :	027SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1603.44	1733.38	1589.19	1642.00	4.84	ppb
Molybdenum	94-1	2487.82	2509.87	2491.30	2496.33	0.47	ppb
Molybdenum	95-1	2493.37	2446.40	2467.69	2469.15	0.95	ppb
Molybdenum	96-1	2505.55	2460.67	2491.35	2485.86	0.92	ppb
Molybdenum	97-1	2483.86	2497.55	2500.41	2493.94	0.35	ppb
Molybdenum	98-1	2462.94	2449.05	2461.99	2457.99	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.69	629.09	587.35	601.71	3.94	ppb
Phosphorus	31-2	36.97	73.07	66.25	58.76	32.63	ppb
Potassium	39-2	26482.09	28515.96	26496.27	27164.77	4.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				70		%
Selenium	77-2	509.35	576.55	400.51	495.47	17.93	ppb
Selenium	78-2	505.43	513.87	491.83	503.71	2.21	ppb
Selenium	82-1	492.46	488.80	490.67	490.64	0.37	ppb
Silicon	28-1	10469.39	10517.73	10521.53	10502.88	0.28	ppb
Silver	109-1	465.21	460.96	454.06	460.07	1.22	ppb
Silver	107-1	456.73	452.91	451.63	453.75	0.58	ppb
Sodium	23-2	132898.53	143508.72	131422.26	135943.17	4.85	ppb
Strontium	86-1	755.08	749.25	749.02	751.12	0.46	ppb
Strontium	88-1	770.02	751.34	749.22	756.86	1.51	ppb
Sulfur	34-1	6131.08	5976.89	5841.28	5983.08	2.42	ppb
Terbium	159-1				119		%
Terbium	159-2				89		%
Thallium	203-1	513.45	511.01	517.23	513.90	0.61	ppb
Thallium	205-1	512.65	500.91	512.38	508.64	1.32	ppb
Tin	118-1	440.45	428.89	433.39	434.25	1.34	ppb
Titanium	47-1	2385.59	2427.69	2435.59	2416.29	1.11	ppb
Uranium	238-1	525.99	519.89	530.20	525.36	0.99	ppb
Vanadium	51-2	540.18	587.18	542.05	556.47	4.78	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	1013.16	1117.91	1026.73	1052.60	5.41	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01A	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:39:50	DataFile Name :	027SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.78	503.21	507.72	506.24	0.52	ppb
Zirconium	91-1	504.00	498.48	498.45	500.31	0.64	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50491.57	50349.70	49530.69	50123.99	1.03	ppb
Antimony	121-1	488.95	500.42	504.39	497.92	1.61	ppb
Arsenic	75-2	504.75	511.20	508.91	508.29	0.64	ppb
Barium	135-1	2487.34	2534.71	2521.82	2514.62	0.97	ppb
Barium	137-1	2467.80	2501.25	2492.82	2487.29	0.70	ppb
Beryllium	9-1	521.14	513.95	523.78	519.62	0.98	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	518.98	520.41	547.25	528.88	3.01	ppb
Boron	11-1	511.47	524.77	536.22	524.15	2.36	ppb
Cadmium	111-1	472.39	474.47	482.95	476.60	1.17	ppb
Cadmium	106-1	476.64	480.11	480.67	479.14	0.46	ppb
Cadmium	108-1	477.97	473.39	476.46	475.94	0.49	ppb
Calcium	43-1	248620.53	247658.58	246994.80	247757.97	0.33	ppb
Calcium	44-1	247089.14	248704.26	248959.71	248251.03	0.41	ppb
Chromium	52-2	546.26	537.01	534.68	539.31	1.14	ppb
Cobalt	59-2	518.13	511.35	507.62	512.37	1.04	ppb
Copper	63-2	1018.59	1002.20	998.68	1006.49	1.06	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				118		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	56-2	130612.82	127407.07	127070.24	128363.38	1.52	ppb
Iron	57-2	130347.31	129357.11	127533.32	129079.25	1.11	ppb
Krypton	83-1						cps
Lead	206-1	502.02	509.68	503.29	505.00	0.81	ppb
Lead	207-1	512.08	504.65	508.41	508.38	0.73	ppb
Lead	208-1	506.87	508.78	506.71	507.45	0.23	ppb
Lithium	6-1				93		%
Magnesium	24-2	256264.02	254773.23	251559.52	254198.93	0.95	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.23	1018.44	1001.91	1018.53	1.64	ppb
Molybdenum	94-1	2517.55	2501.54	2503.44	2507.51	0.35	ppb
Molybdenum	95-1	2533.77	2517.88	2490.24	2513.96	0.88	ppb
Molybdenum	96-1	2558.64	2547.30	2493.03	2532.99	1.38	ppb
Molybdenum	97-1	2541.91	2530.86	2523.49	2532.09	0.37	ppb
Molybdenum	98-1	2541.09	2525.13	2530.76	2532.33	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.56	522.89	518.95	523.13	0.82	ppb
Phosphorus	31-2	9713.71	9855.12	9517.32	9695.38	1.75	ppb
Potassium	39-2	128899.92	126588.88	126040.30	127176.37	1.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	455.23	587.56	446.30	496.36	15.94	ppb
Selenium	78-2	521.49	476.78	434.05	477.44	9.16	ppb
Selenium	82-1	493.71	485.28	492.26	490.42	0.92	ppb
Silicon	28-1	485.37	493.30	484.37	487.68	1.00	ppb
Silver	109-1	486.66	491.06	489.46	489.06	0.46	ppb
Silver	107-1	481.52	482.01	488.40	483.98	0.79	ppb
Sodium	23-2	261415.72	259077.30	256426.48	258973.17	0.96	ppb
Strontium	86-1	510.43	506.18	506.14	507.58	0.48	ppb
Strontium	88-1	517.26	516.15	510.74	514.72	0.68	ppb
Sulfur	34-1	7942.82	8236.77	7973.80	8051.13	2.01	ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	502.88	512.12	515.05	510.02	1.25	ppb
Thallium	205-1	505.54	508.84	507.95	507.44	0.34	ppb
Tin	118-1	489.16	495.78	495.33	493.43	0.75	ppb
Titanium	47-1	2535.96	2532.72	2538.01	2535.57	0.11	ppb
Uranium	238-1	519.11	517.63	515.86	517.53	0.31	ppb
Vanadium	51-2	529.32	520.52	516.70	522.18	1.24	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	1010.45	996.38	986.55	997.79	1.20	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.49	510.15	509.00	507.88	0.59	ppb
Zirconium	91-1	498.29	501.03	496.60	498.64	0.45	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	-3.74	-2.05	-0.52		ppb
Antimony	121-1	0.78	1.09	1.30	1.06	24.51	ppb
Arsenic	75-2	0.10	0.23	0.04	0.12	81.79	ppb
Barium	135-1	0.03	0.02	0.00	0.02	97.47	ppb
Barium	137-1	0.01	0.00	0.01	0.01	50.17	ppb
Beryllium	9-1	0.04	0.07	0.11	0.07	46.12	ppb
Bismuth	209-1				142		%
Bismuth	209-2				119		%
Boron	10-1	13.95	18.07	19.90	17.31	17.61	ppb
Boron	11-1	14.56	17.48	19.02	17.02	13.30	ppb
Cadmium	111-1	-0.17	-0.15	-0.09	-0.14		ppb
Cadmium	106-1	-2.81	-2.73	-1.70	-2.41		ppb
Cadmium	108-1	-0.03	-0.10	-0.13	-0.09		ppb
Calcium	43-1	-27.94	-17.24	-16.91	-20.70		ppb
Calcium	44-1	-46.54	-30.99	-21.99	-33.17		ppb
Chromium	52-2	0.11	0.01	0.02	0.05	125.46	ppb
Cobalt	59-2	-0.02	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.11	0.09	0.12	0.11	14.95	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				139		%
Holmium	165-2				109		%
Indium	115-1				131		%
Indium	115-2				99		%
Iron	56-2	1.53	1.35	1.28	1.39	9.51	ppb
Iron	57-2	0.55	0.89	1.16	0.87	35.06	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.06	0.02	0.04	48.52	ppb
Lead	207-1	0.01	0.01	0.03	0.02	49.99	ppb
Lead	208-1	0.02	0.03	0.03	0.03	17.13	ppb
Lithium	6-1				110		%
Magnesium	24-2	-0.11	0.69	2.01	0.86	124.05	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	-0.14	0.01	-0.06		ppb
Molybdenum	94-1	0.58	0.73	1.01	0.77	28.58	ppb
Molybdenum	95-1	0.62	0.89	1.26	0.92	34.62	ppb
Molybdenum	96-1	0.69	0.95	1.28	0.97	30.22	ppb
Molybdenum	97-1	0.63	0.95	1.35	0.98	36.61	ppb
Molybdenum	98-1	0.64	0.91	1.28	0.94	34.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.04	0.01	180.76	ppb
Phosphorus	31-2	24.84	-21.50	-21.50	-6.05		ppb
Potassium	39-2	-7.65	-0.52	10.09	0.64	1394.25	ppb
Rhodium	103-1				127		%
Rhodium	103-2				102		%
Scandium	45-1				117		%
Scandium	45-2				91		%
Selenium	77-2	-3.92	8.24	-3.92	0.14	5197.50	ppb
Selenium	78-2	1.33	-0.63	0.36	0.35	275.28	ppb
Selenium	82-1	0.09	0.38	0.08	0.19	92.23	ppb
Silicon	28-1	-59.69	-38.07	-32.26	-43.34		ppb
Silver	109-1	0.05	0.06	0.08	0.06	24.85	ppb
Silver	107-1	0.06	0.08	0.06	0.06	16.98	ppb
Sodium	23-2	43.32	39.06	48.33	43.57	10.65	ppb
Strontium	86-1	-0.12	-0.03	-0.04	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.05	ppb
Sulfur	34-1	-6153.58	-3511.66	-2532.46	-4065.90		ppb
Terbium	159-1				138		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.10	0.13	0.11	25.40	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	6.06	ppb
Tin	118-1	0.06	0.08	0.16	0.10	50.52	ppb
Titanium	47-1	0.05	0.10	0.03	0.06	59.03	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	38.49	ppb
Vanadium	51-2	0.05	0.01	0.01	0.02	96.45	ppb
Yttrium	89-1				125		%
Yttrium	89-2				96		%
Zinc	66-2	-0.11	-0.10	0.02	-0.06		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.09	0.08	0.08	9.87	ppb
Zirconium	91-1	0.05	0.08	0.04	0.06	32.48	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.49	45.51	36.03	36.01	26.41	ppb
Antimony	121-1	2.48	2.96	3.57	3.00	18.17	ppb
Arsenic	75-2	2.65	2.57	2.90	2.71	6.23	ppb
Barium	135-1	55.78	56.18	55.83	55.93	0.39	ppb
Barium	137-1	55.66	56.73	55.84	56.08	1.02	ppb
Beryllium	9-1	0.06	0.06	0.07	0.07	2.77	ppb
Bismuth	209-1				116		%
Bismuth	209-2				99		%
Boron	10-1	323.02	307.06	300.45	310.18	3.74	ppb
Boron	11-1	324.51	307.93	298.66	310.37	4.22	ppb
Cadmium	111-1	-0.02	-0.04	-0.15	-0.07		ppb
Cadmium	106-1	-3.60	-3.82	-4.48	-3.97		ppb
Cadmium	108-1	0.27	0.05	0.08	0.13	91.97	ppb
Calcium	43-1	84874.55	84366.91	84184.63	84475.36	0.42	ppb
Calcium	44-1	84409.75	83439.95	83921.20	83923.64	0.58	ppb
Chromium	52-2	0.80	0.78	0.84	0.81	3.68	ppb
Cobalt	59-2	0.06	0.08	0.05	0.06	26.72	ppb
Copper	63-2	3.72	3.85	3.70	3.76	2.16	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				112		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				79		%
Iron	56-2	29.48	28.78	28.51	28.93	1.73	ppb
Iron	57-2	36.04	30.26	36.22	34.18	9.92	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.29	0.25	0.28	9.18	ppb
Lead	207-1	0.28	0.24	0.25	0.25	8.10	ppb
Lead	208-1	0.30	0.27	0.25	0.27	10.29	ppb
Lithium	6-1				120		%
Magnesium	24-2	11865.31	11486.17	11346.60	11566.03	2.32	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.49	21.40	21.98	21.96	2.49	ppb
Molybdenum	94-1	2.15	2.11	2.17	2.14	1.50	ppb
Molybdenum	95-1	1.14	1.26	1.54	1.31	15.59	ppb
Molybdenum	96-1	1.26	1.41	1.76	1.48	17.63	ppb
Molybdenum	97-1	1.03	1.37	1.68	1.36	23.63	ppb
Molybdenum	98-1	1.13	1.35	1.62	1.37	18.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.18	2.29	2.25	2.51	ppb
Phosphorus	31-2	7.47	35.53	7.20	16.73	97.28	ppb
Potassium	39-2	1909.41	1819.28	1853.02	1860.57	2.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				73		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	1.79	0.58	-0.63	0.58	207.59	ppb
Selenium	82-1	1.52	1.31	2.57	1.80	37.69	ppb
Silicon	28-1	11729.54	11604.27	11599.31	11644.37	0.63	ppb
Silver	109-1	0.75	0.58	0.46	0.60	25.02	ppb
Silver	107-1	0.77	0.60	0.49	0.62	22.78	ppb
Sodium	23-2	113803.39	111120.69	110068.53	111664.21	1.72	ppb
Strontium	86-1	337.10	335.31	332.28	334.90	0.73	ppb
Strontium	88-1	343.93	338.51	339.24	340.56	0.86	ppb
Sulfur	34-1	9268.51	8861.16	8708.62	8946.10	3.24	ppb
Terbium	159-1				112		%
Terbium	159-2				93		%
Thallium	203-1	0.36	0.32	0.31	0.33	8.69	ppb
Thallium	205-1	0.40	0.31	0.29	0.34	16.76	ppb
Tin	118-1	5.37	4.87	4.66	4.97	7.29	ppb
Titanium	47-1	1.45	1.65	1.44	1.51	7.60	ppb
Uranium	238-1	1.24	1.30	1.33	1.29	3.39	ppb
Vanadium	51-2	7.19	6.72	6.70	6.87	4.03	ppb
Yttrium	89-1				93		%
Yttrium	89-2				78		%
Zinc	66-2	0.71	1.54	0.76	1.00	46.57	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.76	0.63	0.76	16.34	ppb
Zirconium	91-1	0.86	0.71	0.71	0.76	11.50	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.28	34.97	46.14	35.80	27.82	ppb
Antimony	121-1	1.10	1.19	1.24	1.18	5.72	ppb
Arsenic	75-2	0.86	0.87	0.77	0.83	6.45	ppb
Barium	135-1	93.69	93.38	95.77	94.28	1.38	ppb
Barium	137-1	94.33	93.45	94.65	94.14	0.66	ppb
Beryllium	9-1	0.04	0.03	0.07	0.04	50.76	ppb
Bismuth	209-1				121		%
Bismuth	209-2				99		%
Boron	10-1	145.53	151.93	147.80	148.42	2.19	ppb
Boron	11-1	144.67	145.25	146.48	145.46	0.64	ppb
Cadmium	111-1	-0.11	-0.18	-0.22	-0.17		ppb
Cadmium	106-1	-2.38	-3.43	-3.96	-3.26		ppb
Cadmium	108-1	-0.06	0.00	-0.07	-0.04		ppb
Calcium	43-1	107729.37	108991.46	109705.45	108808.76	0.92	ppb
Calcium	44-1	107634.35	107726.01	108681.96	108014.11	0.54	ppb
Chromium	52-2	49.24	47.68	46.92	47.95	2.46	ppb
Cobalt	59-2	0.43	0.38	0.42	0.41	5.81	ppb
Copper	63-2	5.33	5.11	4.99	5.14	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				92		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	56-2	445.51	423.42	414.57	427.83	3.72	ppb
Iron	57-2	437.77	411.50	418.03	422.43	3.24	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.15	0.13	13.76	ppb
Lead	207-1	0.19	0.12	0.12	0.14	26.56	ppb
Lead	208-1	0.15	0.13	0.14	0.14	5.62	ppb
Lithium	6-1				121		%
Magnesium	24-2	6694.02	6388.68	6210.90	6431.20	3.80	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.55	14.03	13.08	13.89	5.37	ppb
Molybdenum	94-1	1.06	1.05	1.20	1.10	7.57	ppb
Molybdenum	95-1	0.81	0.94	1.09	0.95	14.42	ppb
Molybdenum	96-1	0.76	1.04	1.00	0.94	16.18	ppb
Molybdenum	97-1	0.85	0.92	1.15	0.98	15.87	ppb
Molybdenum	98-1	0.78	0.84	0.98	0.87	11.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.33	6.06	6.09	6.16	2.39	ppb
Phosphorus	31-2	-21.50	37.27	36.25	17.34	194.03	ppb
Potassium	39-2	2985.76	2862.34	2725.68	2857.92	4.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	77-2	-3.92	-3.92	3.79	-1.35		ppb
Selenium	78-2	0.65	-0.63	3.07	1.03	181.95	ppb
Selenium	82-1	1.82	1.03	2.09	1.65	33.57	ppb
Silicon	28-1	8006.54	8096.47	8127.12	8076.71	0.78	ppb
Silver	109-1	0.19	0.20	0.20	0.19	1.47	ppb
Silver	107-1	0.19	0.20	0.20	0.20	3.65	ppb
Sodium	23-2	54862.61	52776.44	51471.17	53036.74	3.23	ppb
Strontium	86-1	272.23	272.92	276.86	274.00	0.91	ppb
Strontium	88-1	282.86	282.84	279.75	281.81	0.63	ppb
Sulfur	34-1	8413.52	8390.33	8430.66	8411.50	0.24	ppb
Terbium	159-1				117		%
Terbium	159-2				91		%
Thallium	203-1	0.07	0.08	0.10	0.08	19.50	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	12.44	ppb
Tin	118-1	2.80	2.93	2.86	2.86	2.25	ppb
Titanium	47-1	1.33	1.16	1.43	1.31	10.17	ppb
Uranium	238-1	1.03	1.01	1.07	1.04	2.56	ppb
Vanadium	51-2	1.82	1.80	2.20	1.94	11.73	ppb
Yttrium	89-1				94		%
Yttrium	89-2				75		%
Zinc	66-2	1.19	1.30	1.17	1.22	5.42	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.28	0.30	0.29	4.66	ppb
Zirconium	91-1	0.23	0.33	0.27	0.28	17.67	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.79	32.73	4.91	15.47	97.37	ppb
Antimony	121-1	0.96	1.02	1.17	1.05	10.01	ppb
Arsenic	75-2	25.64	25.53	26.22	25.80	1.43	ppb
Barium	135-1	337.49	334.68	332.17	334.78	0.80	ppb
Barium	137-1	333.94	334.68	331.96	333.53	0.42	ppb
Beryllium	9-1	0.02	0.03	0.05	0.03	48.64	ppb
Bismuth	209-1				122		%
Bismuth	209-2				99		%
Boron	10-1	190.75	205.89	209.46	202.03	4.92	ppb
Boron	11-1	192.40	195.04	203.50	196.98	2.94	ppb
Cadmium	111-1	-0.25	-0.23	-0.20	-0.23		ppb
Cadmium	106-1	-4.09	-3.71	-3.42	-3.74		ppb
Cadmium	108-1	-0.07	-0.03	0.00	-0.03		ppb
Calcium	43-1	75066.52	75849.43	77959.44	76291.80	1.96	ppb
Calcium	44-1	76394.70	75865.37	76537.19	76265.75	0.46	ppb
Chromium	52-2	0.68	0.72	0.80	0.74	8.24	ppb
Cobalt	59-2	5.90	6.09	5.91	5.97	1.82	ppb
Copper	63-2	3.66	3.76	3.74	3.72	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				93		%
Indium	115-1				103		%
Indium	115-2				78		%
Iron	56-2	3704.18	3735.22	3778.01	3739.14	0.99	ppb
Iron	57-2	3603.86	3621.59	3694.99	3640.15	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.67	0.69	0.68	1.99	ppb
Lead	207-1	0.66	0.63	0.70	0.66	5.14	ppb
Lead	208-1	0.67	0.65	0.68	0.67	2.56	ppb
Lithium	6-1				113		%
Magnesium	24-2	7190.86	7122.88	7350.08	7221.27	1.61	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6618.03	6624.29	6724.25	6655.52	0.90	ppb
Molybdenum	94-1	2.62	3.01	3.10	2.91	8.82	ppb
Molybdenum	95-1	3.61	3.64	4.03	3.76	6.25	ppb
Molybdenum	96-1	3.49	3.86	3.73	3.69	5.13	ppb
Molybdenum	97-1	3.65	3.72	3.94	3.77	3.97	ppb
Molybdenum	98-1	3.81	3.96	3.72	3.83	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.79	6.25	6.41	6.48	4.28	ppb
Phosphorus	31-2	7.85	-21.50	38.08	8.14	365.92	ppb
Potassium	39-2	2691.16	2714.48	2626.18	2677.27	1.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				71		%
Selenium	77-2	3.75	-3.92	-3.92	-1.36		ppb
Selenium	78-2	-0.63	0.62	-0.63	-0.21		ppb
Selenium	82-1	1.25	0.84	0.59	0.90	37.11	ppb
Silicon	28-1	9647.86	9503.60	9636.95	9596.14	0.84	ppb
Silver	109-1	0.14	0.14	0.13	0.14	1.27	ppb
Silver	107-1	0.16	0.15	0.11	0.14	20.76	ppb
Sodium	23-2	62336.26	63286.21	63637.87	63086.78	1.07	ppb
Strontium	86-1	273.13	273.75	276.11	274.33	0.57	ppb
Strontium	88-1	280.37	279.96	281.41	280.58	0.27	ppb
Sulfur	34-1	5648.17	5531.13	5501.88	5560.40	1.39	ppb
Terbium	159-1				118		%
Terbium	159-2				92		%
Thallium	203-1	0.14	0.13	0.12	0.13	8.63	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	4.15	ppb
Tin	118-1	2.25	2.27	2.27	2.26	0.65	ppb
Titanium	47-1	1.09	1.24	1.03	1.12	9.48	ppb
Uranium	238-1	0.93	0.87	0.91	0.90	3.48	ppb
Vanadium	51-2	4.65	4.99	4.88	4.84	3.64	ppb
Yttrium	89-1				94		%
Yttrium	89-2				76		%
Zinc	66-2	16.26	17.36	15.54	16.38	5.59	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.15	0.15	1.67	ppb
Zirconium	91-1	0.14	0.13	0.10	0.12	19.38	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.80	19.50	34.65	25.65	31.06	ppb
Antimony	121-1	0.95	1.09	1.08	1.04	7.86	ppb
Arsenic	75-2	23.84	22.63	23.25	23.24	2.61	ppb
Barium	135-1	116.97	117.78	117.44	117.40	0.34	ppb
Barium	137-1	116.64	116.04	116.51	116.39	0.27	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	35.48	ppb
Bismuth	209-1				122		%
Bismuth	209-2				99		%
Boron	10-1	239.39	243.82	247.65	243.62	1.70	ppb
Boron	11-1	235.63	235.03	248.39	239.68	3.15	ppb
Cadmium	111-1	-0.19	-0.28	-0.26	-0.24		ppb
Cadmium	106-1	-3.20	-4.53	-4.24	-3.99		ppb
Cadmium	108-1	0.04	-0.07	-0.03	-0.02		ppb
Calcium	43-1	70015.26	69906.33	69538.25	69819.95	0.36	ppb
Calcium	44-1	69843.18	69683.90	69383.71	69636.93	0.34	ppb
Chromium	52-2	1.24	1.07	0.96	1.09	12.67	ppb
Cobalt	59-2	2.17	2.20	2.40	2.26	5.40	ppb
Copper	63-2	5.62	5.45	6.30	5.79	7.75	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				118		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	56-2	255.34	265.20	269.15	263.23	2.70	ppb
Iron	57-2	251.28	249.87	275.04	258.73	5.47	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.11	0.12	0.10	22.68	ppb
Lead	207-1	0.14	0.10	0.10	0.11	19.60	ppb
Lead	208-1	0.11	0.10	0.11	0.11	4.03	ppb
Lithium	6-1				107		%
Magnesium	24-2	7721.25	8053.91	7971.55	7915.57	2.19	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	593.61	613.08	624.81	610.50	2.58	ppb
Molybdenum	94-1	1.27	1.43	1.52	1.41	8.97	ppb
Molybdenum	95-1	1.64	1.68	1.82	1.71	5.37	ppb
Molybdenum	96-1	1.58	1.66	1.58	1.60	2.85	ppb
Molybdenum	97-1	1.66	1.48	1.79	1.65	9.36	ppb
Molybdenum	98-1	1.56	1.58	1.67	1.60	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	2.67	2.61	2.74	6.16	ppb
Phosphorus	31-2	37.09	38.81	39.86	38.59	3.63	ppb
Potassium	39-2	2757.46	2754.68	2844.34	2785.49	1.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				70		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	-0.63	0.62	0.64	0.21	342.84	ppb
Selenium	82-1	1.09	0.44	1.02	0.85	42.24	ppb
Silicon	28-1	9957.63	9930.55	9955.32	9947.84	0.15	ppb
Silver	109-1	0.13	0.14	0.12	0.13	8.16	ppb
Silver	107-1	0.13	0.14	0.12	0.13	5.74	ppb
Sodium	23-2	78388.24	80622.38	81181.75	80064.12	1.85	ppb
Strontium	86-1	240.92	238.13	245.02	241.36	1.44	ppb
Strontium	88-1	248.40	247.84	249.61	248.61	0.36	ppb
Sulfur	34-1	4998.19	5012.59	4870.58	4960.45	1.58	ppb
Terbium	159-1				116		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.11	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	14.55	ppb
Tin	118-1	1.97	2.15	2.07	2.06	4.31	ppb
Titanium	47-1	1.38	1.56	1.40	1.45	6.76	ppb
Uranium	238-1	1.09	1.16	1.13	1.12	3.09	ppb
Vanadium	51-2	3.85	3.72	3.73	3.77	1.95	ppb
Yttrium	89-1				93		%
Yttrium	89-2				75		%
Zinc	66-2	0.77	1.57	0.84	1.06	41.69	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.15	0.18	0.16	8.80	ppb
Zirconium	91-1	0.15	0.12	0.18	0.15	19.71	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49449.78	49941.64	49953.57	49781.67	0.58	ppb
Antimony	121-1	473.98	476.07	504.27	484.77	3.49	ppb
Arsenic	75-2	511.64	503.07	512.37	509.03	1.02	ppb
Barium	135-1	2474.01	2464.71	2594.52	2511.08	2.88	ppb
Barium	137-1	2405.85	2415.38	2571.52	2464.25	3.77	ppb
Beryllium	9-1	534.98	532.24	560.39	542.54	2.86	ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	10-1	517.60	527.13	564.18	536.30	4.59	ppb
Boron	11-1	506.08	520.03	554.86	526.99	4.77	ppb
Cadmium	111-1	457.05	463.05	494.49	471.53	4.26	ppb
Cadmium	106-1	455.50	455.07	485.05	465.21	3.69	ppb
Cadmium	108-1	456.38	463.99	501.57	473.98	5.10	ppb
Calcium	43-1	242573.28	247900.51	265131.66	251868.48	4.68	ppb
Calcium	44-1	241901.33	249245.01	263182.53	251442.96	4.30	ppb
Chromium	52-2	546.83	548.45	539.63	544.97	0.86	ppb
Cobalt	59-2	521.20	527.64	514.62	521.15	1.25	ppb
Copper	63-2	1028.27	1041.44	1016.66	1028.79	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	56-2	129777.16	130105.54	127417.12	129099.94	1.14	ppb
Iron	57-2	131662.51	132840.33	128851.97	131118.27	1.56	ppb
Krypton	83-1						cps
Lead	206-1	500.46	510.33	535.57	515.45	3.51	ppb
Lead	207-1	500.16	510.28	534.71	515.05	3.45	ppb
Lead	208-1	501.00	511.06	534.61	515.56	3.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	255944.86	256812.40	251048.25	254601.84	1.22	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.04	1020.23	997.92	1010.73	1.14	ppb
Molybdenum	94-1	2515.83	2515.96	2675.22	2569.00	3.58	ppb
Molybdenum	95-1	2515.50	2540.01	2681.88	2579.13	3.48	ppb
Molybdenum	96-1	2546.59	2550.94	2705.02	2600.85	3.47	ppb
Molybdenum	97-1	2545.54	2562.02	2681.74	2596.43	2.86	ppb
Molybdenum	98-1	2563.22	2545.04	2683.87	2597.38	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.69	548.71	532.15	540.18	1.53	ppb
Phosphorus	31-2	9843.70	10500.87	9761.14	10035.24	4.04	ppb
Potassium	39-2	126433.55	128550.37	126900.35	127294.76	0.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	466.71	513.56	471.50	483.92	5.33	ppb
Selenium	78-2	478.40	499.49	483.50	487.13	2.26	ppb
Selenium	82-1	480.51	488.53	514.75	494.60	3.62	ppb
Silicon	28-1	467.30	464.22	506.74	479.42	4.95	ppb
Silver	109-1	468.85	467.47	502.73	479.68	4.16	ppb
Silver	107-1	464.84	463.48	493.76	474.03	3.61	ppb
Sodium	23-2	262310.87	264340.29	257354.61	261335.26	1.38	ppb
Strontium	86-1	501.54	508.10	531.98	513.87	3.12	ppb
Strontium	88-1	505.13	513.87	539.21	519.40	3.41	ppb
Sulfur	34-1	7524.46	7994.27	9185.62	8234.79	10.40	ppb
Terbium	159-1				124		%
Terbium	159-2				107		%
Thallium	203-1	500.03	516.51	530.92	515.82	3.00	ppb
Thallium	205-1	499.66	515.30	528.73	514.56	2.83	ppb
Tin	118-1	476.69	483.31	508.15	489.38	3.39	ppb
Titanium	47-1	2497.93	2524.75	2623.97	2548.88	2.60	ppb
Uranium	238-1	519.51	524.36	552.64	532.17	3.36	ppb
Vanadium	51-2	525.00	530.72	520.16	525.29	1.01	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	1011.72	1007.57	1006.17	1008.49	0.29	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.74	510.07	536.83	516.88	3.40	ppb
Zirconium	91-1	493.78	496.61	524.95	505.11	3.41	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P8
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 16:36:20 DataFile Name : 036CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.27	4.60	2.33	84.18	ppb
Antimony	121-1	0.24	0.33	0.39	0.32	23.35	ppb
Arsenic	75-2	-0.03	-0.08	0.04	-0.02		ppb
Barium	135-1	0.02	0.00	-0.01	0.00	394.59	ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.05	0.07	0.04	68.41	ppb
Bismuth	209-1				131		%
Bismuth	209-2				121		%
Boron	10-1	7.32	8.51	9.89	8.58	15.01	ppb
Boron	11-1	8.45	8.09	8.66	8.40	3.41	ppb
Cadmium	111-1	-0.19	-0.14	-0.12	-0.15		ppb
Cadmium	106-1	-2.90	-2.07	-1.88	-2.28		ppb
Cadmium	108-1	0.06	-0.10	-0.07	-0.04		ppb
Calcium	43-1	-27.57	-16.31	-24.66	-22.85		ppb
Calcium	44-1	-32.64	-33.18	-35.21	-33.67		ppb
Chromium	52-2	0.02	0.06	0.15	0.08	84.66	ppb
Cobalt	59-2	-0.03	-0.04	0.00	-0.02		ppb
Copper	63-2	0.08	-0.03	0.03	0.03	192.69	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				127		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				97		%
Iron	56-2	0.92	0.89	0.50	0.77	30.47	ppb
Iron	57-2	1.56	0.76	-1.12	0.40	345.09	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.01	0.01	0.00	306.28	ppb
Lead	207-1	0.00	0.01	0.01	0.01	101.36	ppb
Lead	208-1	0.01	0.00	0.01	0.01	84.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.95	2.44	4.14	2.51	63.59	ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:36:20	DataFile Name :	036CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.01	0.19	0.08	116.83	ppb
Molybdenum	94-1	0.18	0.27	0.27	0.24	22.45	ppb
Molybdenum	95-1	0.14	0.28	0.38	0.27	45.36	ppb
Molybdenum	96-1	0.16	0.27	0.31	0.25	30.06	ppb
Molybdenum	97-1	0.18	0.32	0.39	0.29	35.61	ppb
Molybdenum	98-1	0.17	0.25	0.36	0.26	36.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.07	-0.02	0.00	18421.83	ppb
Phosphorus	31-2	1.95	-21.50	-21.50	-13.68		ppb
Potassium	39-2	-23.66	-10.67	5.21	-9.71		ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	77-2	-3.92	-3.92	-3.92	-3.92		ppb
Selenium	78-2	-0.63	-0.63	0.37	-0.29		ppb
Selenium	82-1	0.29	0.49	0.05	0.28	79.66	ppb
Silicon	28-1	-35.51	-36.95	-35.66	-36.04		ppb
Silver	109-1	0.02	0.02	0.03	0.02	23.52	ppb
Silver	107-1	0.03	0.02	0.03	0.02	23.47	ppb
Sodium	23-2	-4.73	1.16	-0.13	-1.23		ppb
Strontium	86-1	0.00	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	211.38	ppb
Sulfur	34-1	-1815.53	-1951.54	-1751.89	-1839.66		ppb
Terbium	159-1				125		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.18	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	25.59	ppb
Tin	118-1	-0.10	-0.05	-0.08	-0.08		ppb
Titanium	47-1	-0.03	-0.04	0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	467.98	ppb
Yttrium	89-1				111		%
Yttrium	89-2				94		%
Zinc	66-2	-0.12	-0.02	-0.14	-0.09		ppb

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:36:20	DataFile Name :	036CCBE_P8050918- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.03	0.04	10.05	ppb
Zirconium	91-1	0.00	0.03	0.03	0.02	74.11	ppb

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 13:33:55 DataFile Name : 003CALB_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	25	31	31.50	cps
Antimony	121-1	117	350	300	256	48.07	cps
Arsenic	75-2	7	7	11	9	24.71	cps
Barium	135-1	67	33	25	42	52.92	cps
Barium	137-1	58	92	58	69	27.71	cps
Beryllium	9-1	67	61	28	52	40.56	cps
Bismuth	209-1	5047063	5045901	4868614	4987193	2.06	cps
Bismuth	209-2	1606908	1614505	1607886	1609766	0.26	cps
Boron	10-1	125	108	100	111	11.46	cps
Boron	11-1	417	558	433	469	16.49	cps
Cadmium	111-1	1076	1344	1172	1197	11.37	cps
Cadmium	106-1	1533	1917	1675	1709	11.35	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	917	950	958	942	2.34	cps
Calcium	44-1	35789	36407	35338	35844	1.50	cps
Chromium	52-2	867	923	923	904	3.62	cps
Cobalt	59-2	110	107	93	103	8.53	cps
Copper	63-2	1233	1283	1260	1259	1.99	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	10	27	3	13	90.16	cps
Holmium	165-1	8513864	8576510	8308294	8466223	1.66	cps
Holmium	165-2	2150114	2141682	2131527	2141108	0.43	cps
Indium	115-1	8126572	8123951	7768886	8006470	2.57	cps
Indium	115-2	358797	352732	353964	355164	0.90	cps
Iron	56-2	2534	2328	2384	2415	4.40	cps
Iron	57-2	78	56	83	72	20.35	cps
Krypton	83-1	357	457	373	396	13.54	cps
Lead	206-1	183	233	217	211	12.06	cps
Lead	207-1	211	167	189	189	11.77	cps
Lead	208-1	872	789	878	846	5.88	cps
Lithium	6-1	1748735	1735624	1654180	1712846	2.99	cps
Magnesium	24-2	167	225	250	214	19.99	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:33:55	DataFile Name :	003CALB_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	80	53	58	35.25	cps
Molybdenum	94-1	350	300	300	317	9.12	cps
Molybdenum	95-1	183	242	233	219	14.38	cps
Molybdenum	96-1	325	408	283	339	18.78	cps
Molybdenum	97-1	125	167	158	150	14.70	cps
Molybdenum	98-1	333	433	400	389	13.09	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	100	157	123	24.02	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	3084	2659	2950	2898	7.50	cps
Rhodium	103-1	8048831	7941505	7830500	7940279	1.37	cps
Rhodium	103-2	2322553	2320626	2276582	2306587	1.13	cps
Scandium	45-1	5748851	5744493	5556662	5683336	1.93	cps
Scandium	45-2	46139	45116	45614	45623	1.12	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	16	-141	12	-38	-237.90	cps
Silicon	28-1	415085	417094	421428	417869	0.78	cps
Silver	109-1	75	58	67	67	12.49	cps
Silver	107-1	83	50	75	69	24.98	cps
Sodium	23-2	7852	7411	7544	7602	2.98	cps
Strontium	86-1	617	575	567	586	4.57	cps
Strontium	88-1	183	158	167	169	7.51	cps
Sulfur	34-1	407697	401793	400040	403177	0.99	cps
Terbium	159-1	8961614	9046494	8671822	8893310	2.21	cps
Terbium	159-2	2121800	2114939	2087555	2108098	0.86	cps
Thallium	203-1	158	125	83	122	30.75	cps
Thallium	205-1	267	208	200	225	16.14	cps
Tin	118-1	525	433	2191	1050	94.26	cps
Titanium	47-1	150	208	125	161	26.54	cps
Uranium	238-1	67	75	133	92	39.63	cps
Vanadium	51-2	10	3	13	9	57.30	cps
Yttrium	89-1	9098587	9030649	8785785	8971674	1.83	cps
Yttrium	89-2	277291	276859	275095	276415	0.42	cps
Zinc	66-2	223	190	177	197	12.22	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:33:55	DataFile Name :	003CALB_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	583	508	575	556	7.40	cps
Zirconium	91-1	142	208	167	172	19.56	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	125	133	153	26.91	cps
Antimony	121-1	12890	12982	14041	13304	4.81	cps
Arsenic	75-2	85	94	106	95	10.73	cps
Barium	135-1	13090	12840	13149	13026	1.26	cps
Barium	137-1	23438	22562	23088	23029	1.92	cps
Beryllium	9-1	1411	1339	1233	1328	6.73	cps
Bismuth	209-1	5116471	5103384	5106959	5108938	0.13	cps
Bismuth	209-2	1626266	1640765	1437715	1568249	7.22	cps
Boron	10-1	3484	3317	3501	3434	2.95	cps
Boron	11-1	16961	17128	17353	17147	1.15	cps
Cadmium	111-1	2849	2599	2682	2710	4.71	cps
Cadmium	106-1	1900	1759	1859	1839	3.96	cps
Cadmium	108-1	133	100	146	126	18.75	cps
Calcium	43-1	10321	10037	10021	10126	1.67	cps
Calcium	44-1	183046	182793	186429	184089	1.10	cps
Chromium	52-2	2487	2710	2614	2604	4.30	cps
Cobalt	59-2	1877	1647	1924	1816	8.16	cps
Copper	63-2	4277	4344	4494	4372	2.54	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	42	83	75	40.06	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	3	17	0	7	132.33	cps
Holmium	165-1	8641949	8569973	8593648	8601857	0.43	cps
Holmium	165-2	2139133	2186356	1869641	2065043	8.27	cps
Indium	115-1	8075110	8132260	8103607	8103659	0.35	cps
Indium	115-2	355002	358538	313547	342363	7.31	cps
Iron	56-2	28708	28842	28925	28825	0.38	cps
Iron	57-2	639	700	706	682	5.43	cps
Krypton	83-1	353	323	407	361	11.69	cps
Lead	206-1	3551	3528	3273	3451	4.47	cps
Lead	207-1	3234	3317	3189	3247	2.00	cps
Lead	208-1	14287	14726	14148	14387	2.10	cps
Lithium	6-1	1750695	1760945	1746295	1752645	0.43	cps
Magnesium	24-2	14975	15217	14650	14947	1.90	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	333	237	307	292	17.09	cps
Molybdenum	94-1	11539	12047	12189	11925	2.87	cps
Molybdenum	95-1	15276	15184	15234	15231	0.30	cps
Molybdenum	96-1	16118	16786	16795	16566	2.34	cps
Molybdenum	97-1	9354	9145	9404	9301	1.47	cps
Molybdenum	98-1	23688	23296	24398	23794	2.35	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	613	607	663	628	4.93	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	10454	10579	10438	10490	0.74	cps
Rhodium	103-1	8179883	8128103	8076407	8128131	0.64	cps
Rhodium	103-2	2306519	2278873	2025414	2203602	7.03	cps
Scandium	45-1	5879547	5841075	5848312	5856311	0.35	cps
Scandium	45-2	45781	45186	40380	43782	6.76	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	22	11	6	13	65.44	cps
Selenium	82-1	549	552	413	505	15.73	cps
Silicon	28-1	482806	486189	482655	483883	0.41	cps
Silver	109-1	7161	7344	7027	7177	2.22	cps
Silver	107-1	7494	7194	7786	7491	3.95	cps
Sodium	23-2	43167	41762	43242	42724	1.95	cps
Strontium	86-1	2300	2659	2592	2517	7.57	cps
Strontium	88-1	16986	17462	16494	16981	2.85	cps
Sulfur	34-1	415690	420946	413730	416789	0.90	cps
Terbium	159-1	9192448	9087269	9142913	9140877	0.58	cps
Terbium	159-2	2082243	2115627	1844120	2013997	7.35	cps
Thallium	203-1	4343	4259	4368	4323	1.31	cps
Thallium	205-1	10463	10421	10104	10330	1.90	cps
Tin	118-1	23221	22770	22244	22745	2.15	cps
Titanium	47-1	4476	4793	4901	4723	4.68	cps
Uranium	238-1	11272	11598	12123	11664	3.68	cps
Vanadium	51-2	2864	2864	2777	2835	1.77	cps
Yttrium	89-1	9059901	9033010	8987860	9026924	0.40	cps
Yttrium	89-2	277279	279034	244186	266833	7.36	cps
Zinc	66-2	433	280	417	377	22.34	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:41:28	DataFile Name :	005CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10271	10304	10696	10424	2.27	cps
Zirconium	91-1	2484	1934	2225	2214	12.43	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5985	6010	5818	5938	1.76	cps
Antimony	121-1	340210	338174	341994	340126	0.56	cps
Arsenic	75-2	4421	4362	4543	4442	2.08	cps
Barium	135-1	348617	353337	349096	350350	0.74	cps
Barium	137-1	600691	609513	604226	604810	0.73	cps
Beryllium	9-1	65108	66866	66838	66271	1.52	cps
Bismuth	209-1	5022088	5057951	5106192	5062077	0.83	cps
Bismuth	209-2	1635209	1658977	1659410	1651199	0.84	cps
Boron	10-1	7252	7661	7986	7633	4.82	cps
Boron	11-1	35161	35946	36840	35982	2.34	cps
Cadmium	111-1	80785	79724	79876	80128	0.72	cps
Cadmium	106-1	10038	9671	9812	9840	1.88	cps
Cadmium	108-1	5735	5872	5672	5760	1.78	cps
Calcium	43-1	100367	100785	101164	100772	0.40	cps
Calcium	44-1	1664720	1655739	1679001	1666487	0.70	cps
Chromium	52-2	42204	41508	41752	41821	0.84	cps
Cobalt	59-2	87093	87137	87355	87195	0.16	cps
Copper	63-2	155563	154389	154785	154912	0.39	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	8601555	8690626	8616417	8636199	0.55	cps
Holmium	165-2	2148081	2160450	2190872	2166468	1.02	cps
Indium	115-1	8166462	8132440	8127206	8142036	0.26	cps
Indium	115-2	353902	357529	361134	357522	1.01	cps
Iron	56-2	1357496	1363862	1364918	1362092	0.29	cps
Iron	57-2	33786	33597	34154	33845	0.84	cps
Krypton	83-1	433	337	367	379	13.06	cps
Lead	206-1	175672	175452	177440	176188	0.62	cps
Lead	207-1	159565	159582	159733	159626	0.06	cps
Lead	208-1	712337	714792	715622	714250	0.24	cps
Lithium	6-1	1763066	1734406	1761256	1752909	0.92	cps
Magnesium	24-2	156613	151188	154893	154231	1.80	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22191	22281	21564	22012	1.78	cps
Molybdenum	94-1	642441	644866	643609	643638	0.19	cps
Molybdenum	95-1	781637	782723	782756	782372	0.08	cps
Molybdenum	96-1	870383	876414	872909	873235	0.35	cps
Molybdenum	97-1	485922	484208	487209	485779	0.31	cps
Molybdenum	98-1	1245368	1239575	1258982	1247975	0.80	cps
Neodymium	150-1	33	20	20	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26579	26753	26292	26541	0.88	cps
Phosphorus	31-2	425	383	450	419	8.03	cps
Potassium	39-2	42524	41395	41721	41880	1.39	cps
Rhodium	103-1	8156800	8083238	8135762	8125267	0.47	cps
Rhodium	103-2	2296715	2303033	2317667	2305805	0.47	cps
Scandium	45-1	5834208	5869753	5911680	5871880	0.66	cps
Scandium	45-2	44989	45507	45611	45369	0.73	cps
Selenium	77-2	33	53	40	42	24.12	cps
Selenium	78-2	94	100	113	102	9.27	cps
Selenium	82-1	5170	5418	5327	5305	2.36	cps
Silicon	28-1	640702	636623	639642	638989	0.33	cps
Silver	109-1	375952	379971	379913	378612	0.61	cps
Silver	107-1	395845	401097	399517	398820	0.68	cps
Sodium	23-2	381331	371339	378864	377178	1.38	cps
Strontium	86-1	103365	102071	102576	102670	0.63	cps
Strontium	88-1	884137	883599	882815	883517	0.08	cps
Sulfur	34-1	443951	445892	442681	444175	0.36	cps
Terbium	159-1	9092084	9210108	9184342	9162178	0.68	cps
Terbium	159-2	2165264	2108609	2146459	2140110	1.35	cps
Thallium	203-1	218301	216291	215614	216735	0.64	cps
Thallium	205-1	521207	520123	519963	520431	0.13	cps
Tin	118-1	238154	237554	239622	238444	0.45	cps
Titanium	47-1	240625	241591	241710	241309	0.25	cps
Uranium	238-1	615271	623578	632605	623818	1.39	cps
Vanadium	51-2	29054	29044	29485	29194	0.86	cps
Yttrium	89-1	9100587	9179486	9092980	9124351	0.52	cps
Yttrium	89-2	277455	277702	279609	278255	0.42	cps
Zinc	66-2	13423	13180	13236	13280	0.96	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:45:11	DataFile Name :	006CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	537665	542423	548312	542800	0.98	cps
Zirconium	91-1	117867	117404	119757	118343	1.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14258	14425	15067	14583	2.93	cps
Antimony	121-1	870343	874426	884737	876502	0.85	cps
Arsenic	75-2	11036	11362	11056	11151	1.64	cps
Barium	135-1	886835	887103	895446	889795	0.55	cps
Barium	137-1	1563254	1551069	1555985	1556769	0.39	cps
Beryllium	9-1	165581	164957	165372	165304	0.19	cps
Bismuth	209-1	5196433	5247401	4750858	5064897	5.39	cps
Bismuth	209-2	1675485	1657799	1683543	1672276	0.79	cps
Boron	10-1	19255	18238	19572	19022	3.67	cps
Boron	11-1	87760	91743	92624	90709	2.86	cps
Cadmium	111-1	202018	201915	202973	202302	0.29	cps
Cadmium	106-1	22152	22277	21802	22077	1.12	cps
Cadmium	108-1	14216	14108	14888	14404	2.93	cps
Calcium	43-1	251245	251584	251593	251474	0.08	cps
Calcium	44-1	4034597	4092384	4011304	4046095	1.03	cps
Chromium	52-2	103710	102945	103321	103325	0.37	cps
Cobalt	59-2	219685	216373	217283	217780	0.79	cps
Copper	63-2	383703	381541	384574	383272	0.41	cps
Dysprosium	156-1	8	33	17	19	65.48	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	58	67	33	53	32.86	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	8978077	9101040	8177584	8752234	5.73	cps
Holmium	165-2	2239267	2189592	2234028	2220962	1.23	cps
Indium	115-1	8262486	8358674	7735479	8118880	4.13	cps
Indium	115-2	363544	359691	362788	362008	0.56	cps
Iron	56-2	3451124	3465381	3421968	3446158	0.64	cps
Iron	57-2	86243	85270	85288	85600	0.65	cps
Krypton	83-1	410	413	407	410	0.81	cps
Lead	206-1	450876	446816	445558	447750	0.62	cps
Lead	207-1	404497	404418	401706	403541	0.39	cps
Lead	208-1	1816449	1825759	1811358	1817855	0.40	cps
Lithium	6-1	1765314	1760483	1604588	1710128	5.35	cps
Magnesium	24-2	388655	380358	384092	384368	1.08	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55369	54754	54412	54845	0.88	cps
Molybdenum	94-1	1643091	1643074	1655117	1647094	0.42	cps
Molybdenum	95-1	2041943	1994267	2027455	2021222	1.21	cps
Molybdenum	96-1	2200917	2264371	2258273	2241187	1.56	cps
Molybdenum	97-1	1243455	1235208	1246614	1241759	0.47	cps
Molybdenum	98-1	3209946	3189931	3192096	3197325	0.34	cps
Neodymium	150-1	27	73	20	40	72.65	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	66026	65135	65212	65457	0.75	cps
Phosphorus	31-2	933	950	917	933	1.79	cps
Potassium	39-2	102925	100364	100650	101313	1.38	cps
Rhodium	103-1	8232565	8185926	7490775	7969756	5.21	cps
Rhodium	103-2	2306613	2287863	2298568	2297682	0.41	cps
Scandium	45-1	5883950	5940819	5398385	5741051	5.19	cps
Scandium	45-2	46085	45735	46647	46156	1.00	cps
Selenium	77-2	83	63	50	66	25.59	cps
Selenium	78-2	331	185	228	248	30.32	cps
Selenium	82-1	13375	12792	13253	13140	2.34	cps
Silicon	28-1	961189	962990	960171	961450	0.15	cps
Silver	109-1	950347	961860	962119	958109	0.70	cps
Silver	107-1	999807	1015329	1009898	1008345	0.78	cps
Sodium	23-2	938380	933305	933975	935220	0.29	cps
Strontium	86-1	255296	257734	258363	257131	0.63	cps
Strontium	88-1	2247362	2263327	2250332	2253674	0.38	cps
Sulfur	34-1	484324	480959	482327	482537	0.35	cps
Terbium	159-1	9525492	9372138	8601299	9166310	5.40	cps
Terbium	159-2	2176060	2143788	2173752	2164533	0.83	cps
Thallium	203-1	557315	562652	558587	559518	0.50	cps
Thallium	205-1	1344296	1317508	1339338	1333714	1.07	cps
Tin	118-1	611959	610973	617666	613533	0.59	cps
Titanium	47-1	600608	608129	596520	601753	0.98	cps
Uranium	238-1	1606712	1616248	1639137	1620699	1.03	cps
Vanadium	51-2	74031	72784	73636	73484	0.87	cps
Yttrium	89-1	9353651	9220418	8496996	9023688	5.11	cps
Yttrium	89-2	280180	280197	281550	280642	0.28	cps
Zinc	66-2	32027	32238	32779	32348	1.20	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:48:54	DataFile Name :	007CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1397460	1400957	1402150	1400189	0.17	cps
Zirconium	91-1	303042	303375	308545	304987	1.01	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:52:30	DataFile Name :	008CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28797	28171	28897	28622	1.38	cps
Antimony	121-1	1774259	1785382	1776252	1778631	0.33	cps
Arsenic	75-2	22133	22222	21992	22115	0.52	cps
Barium	135-1	1796581	1805347	1793367	1798432	0.34	cps
Barium	137-1	3154739	3146702	3136609	3146017	0.29	cps
Beryllium	9-1	328735	323402	325188	325775	0.83	cps
Bismuth	209-1	5315976	5248994	5272891	5279287	0.64	cps
Bismuth	209-2	1679560	1529610	1672169	1627113	5.19	cps
Boron	10-1	37935	37926	39873	38578	2.91	cps
Boron	11-1	177131	178212	180750	178698	1.04	cps
Cadmium	111-1	399859	400173	407974	402668	1.14	cps
Cadmium	106-1	43154	42518	43630	43101	1.29	cps
Cadmium	108-1	28656	28622	28522	28600	0.24	cps
Calcium	43-1	496744	497445	491210	495133	0.69	cps
Calcium	44-1	8011835	8027182	7926997	7988671	0.68	cps
Chromium	52-2	203483	206043	203070	204199	0.79	cps
Cobalt	59-2	426228	431093	428352	428558	0.57	cps
Copper	63-2	759934	757013	754033	756993	0.39	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	50	50	58	53	9.12	cps
Gadolinium	160-2	10	20	10	13	43.30	cps
Holmium	165-1	9077321	8966830	9048338	9030830	0.63	cps
Holmium	165-2	2257853	2034806	2243726	2178795	5.73	cps
Indium	115-1	8309414	8338768	8369743	8339308	0.36	cps
Indium	115-2	354630	324259	352631	343840	4.94	cps
Iron	56-2	6764681	6699655	6735157	6733165	0.48	cps
Iron	57-2	169890	169002	166533	168475	1.03	cps
Krypton	83-1	453	453	347	418	14.74	cps
Lead	206-1	906649	887992	903858	899500	1.12	cps
Lead	207-1	817609	813078	815143	815277	0.28	cps
Lead	208-1	3696033	3693541	3693220	3694265	0.04	cps
Lithium	6-1	1762731	1767004	1726638	1752124	1.27	cps
Magnesium	24-2	761534	753954	748634	754707	0.86	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:52:30	DataFile Name :	008CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	108605	107835	108934	108458	0.52	cps
Molybdenum	94-1	3275366	3271087	3279800	3275418	0.13	cps
Molybdenum	95-1	4008743	4023934	3971678	4001451	0.67	cps
Molybdenum	96-1	4475134	4466370	4467300	4469601	0.11	cps
Molybdenum	97-1	2547991	2596027	2586783	2576933	0.99	cps
Molybdenum	98-1	6347892	6440705	6335011	6374536	0.90	cps
Neodymium	150-1	40	73	67	60	29.40	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	130505	129199	127797	129167	1.05	cps
Phosphorus	31-2	2025	1925	1934	1961	2.83	cps
Potassium	39-2	196661	197492	195246	196466	0.58	cps
Rhodium	103-1	8044552	8332673	8132321	8169849	1.81	cps
Rhodium	103-2	2269187	2080791	2289247	2213075	5.20	cps
Scandium	45-1	5902884	5808389	5813361	5841545	0.91	cps
Scandium	45-2	45179	41372	45303	43952	5.08	cps
Selenium	77-2	167	153	170	163	5.40	cps
Selenium	78-2	448	504	504	485	6.61	cps
Selenium	82-1	25993	26338	26361	26231	0.79	cps
Silicon	28-1	1268351	1267153	1270855	1268786	0.15	cps
Silver	109-1	1926840	1901993	1933559	1920798	0.87	cps
Silver	107-1	2006218	2026171	2049496	2027295	1.07	cps
Sodium	23-2	1866253	1840467	1845591	1850770	0.74	cps
Strontium	86-1	515538	518385	517185	517036	0.28	cps
Strontium	88-1	4422635	4414514	4457549	4431566	0.52	cps
Sulfur	34-1	549285	548846	547425	548519	0.18	cps
Terbium	159-1	9492377	9576277	9524143	9530932	0.44	cps
Terbium	159-2	2153834	1958760	2158911	2090502	5.46	cps
Thallium	203-1	1135700	1117246	1129676	1127541	0.83	cps
Thallium	205-1	2761978	2724536	2746051	2744188	0.68	cps
Tin	118-1	1234871	1237310	1239031	1237070	0.17	cps
Titanium	47-1	1215818	1187784	1187194	1196932	1.37	cps
Uranium	238-1	3333787	3314195	3344702	3330895	0.46	cps
Vanadium	51-2	147591	146197	143728	145839	1.34	cps
Yttrium	89-1	9176224	9300352	9285098	9253891	0.73	cps
Yttrium	89-2	279855	253216	278212	270427	5.52	cps
Zinc	66-2	62852	63997	63458	63435	0.90	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:52:30	DataFile Name :	008CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2779922	2804496	2758779	2781066	0.82	cps
Zirconium	91-1	603603	605690	606168	605154	0.23	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56689	57367	55351	56469	1.82	cps
Antimony	121-1	3698655	3659639	3652820	3670372	0.67	cps
Arsenic	75-2	43476	43847	43357	43560	0.59	cps
Barium	135-1	3715148	3706125	3692622	3704632	0.31	cps
Barium	137-1	6369510	6357983	6467642	6398378	0.94	cps
Beryllium	9-1	643194	644524	642280	643333	0.18	cps
Bismuth	209-1	5315067	5493460	5507762	5438763	1.97	cps
Bismuth	209-2	1720356	1726854	1777870	1741693	1.81	cps
Boron	10-1	76329	77184	77560	77024	0.82	cps
Boron	11-1	353090	361420	366966	360492	1.94	cps
Cadmium	111-1	821018	822447	816252	819906	0.40	cps
Cadmium	106-1	85630	85546	87065	86081	0.99	cps
Cadmium	108-1	58142	58213	57899	58084	0.28	cps
Calcium	43-1	1005293	1001424	1003174	1003297	0.19	cps
Calcium	44-1	16011529	16107376	15963316	16027407	0.46	cps
Chromium	52-2	399575	397247	398569	398464	0.29	cps
Cobalt	59-2	843369	842580	843197	843049	0.05	cps
Copper	63-2	1491937	1482217	1477789	1483981	0.49	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	23	3	13	13	75.02	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	42	42	83	56	43.30	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	9126794	9575048	9661134	9454325	3.03	cps
Holmium	165-2	2322597	2298579	2290811	2303996	0.72	cps
Indium	115-1	8258038	8572260	8508657	8446318	1.97	cps
Indium	115-2	355401	353699	356192	355097	0.36	cps
Iron	56-2	13219409	13175753	13063412	13152858	0.61	cps
Iron	57-2	327007	332635	327188	328943	0.97	cps
Krypton	83-1	467	403	433	434	7.29	cps
Lead	206-1	1908426	1902306	1907333	1906021	0.17	cps
Lead	207-1	1753060	1715674	1742049	1736928	1.11	cps
Lead	208-1	7797061	7761966	7818729	7792585	0.37	cps
Lithium	6-1	1683998	1745574	1720775	1716782	1.80	cps
Magnesium	24-2	1497406	1495380	1482472	1491753	0.54	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211044	210304	208998	210115	0.49	cps
Molybdenum	94-1	6595044	6669108	6670628	6644927	0.65	cps
Molybdenum	95-1	8169823	8058385	7982245	8070151	1.17	cps
Molybdenum	96-1	9104585	9043383	9131289	9093086	0.50	cps
Molybdenum	97-1	5159973	5260285	5160857	5193705	1.11	cps
Molybdenum	98-1	13124363	12946944	12819711	12963673	1.18	cps
Neodymium	150-1	113	120	100	111	9.17	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	251712	252285	252686	252228	0.19	cps
Phosphorus	31-2	3959	3942	3817	3906	1.98	cps
Potassium	39-2	377458	379025	376295	377593	0.36	cps
Rhodium	103-1	8041300	8313713	8154103	8169705	1.68	cps
Rhodium	103-2	2324498	2284453	2273408	2294120	1.17	cps
Scandium	45-1	5657896	5955611	5928854	5847454	2.82	cps
Scandium	45-2	45888	43985	44905	44926	2.12	cps
Selenium	77-2	270	313	297	293	7.45	cps
Selenium	78-2	1037	994	996	1009	2.39	cps
Selenium	82-1	53142	53568	53090	53267	0.49	cps
Silicon	28-1	2062765	2054065	2052469	2056433	0.27	cps
Silver	109-1	3861581	3856774	3918347	3878901	0.88	cps
Silver	107-1	4085217	4086796	4163978	4111997	1.09	cps
Sodium	23-2	3602365	3541115	3511373	3551618	1.31	cps
Strontium	86-1	1052406	1052957	1067440	1057601	0.81	cps
Strontium	88-1	8908083	9008750	9053041	8989958	0.83	cps
Sulfur	34-1	681452	676526	676458	678145	0.42	cps
Terbium	159-1	9647080	10011703	10012932	9890572	2.13	cps
Terbium	159-2	2258693	2239245	2226306	2241415	0.73	cps
Thallium	203-1	2369622	2410870	2462570	2414354	1.93	cps
Thallium	205-1	5596972	5673454	5708703	5659710	1.01	cps
Tin	118-1	2561261	2550354	2546921	2552845	0.29	cps
Titanium	47-1	2413871	2437361	2411059	2420764	0.60	cps
Uranium	238-1	6807696	6840338	6916413	6854816	0.81	cps
Vanadium	51-2	287396	286031	287796	287074	0.32	cps
Yttrium	89-1	9195813	9587726	9524603	9436047	2.23	cps
Yttrium	89-2	278726	279382	276972	278360	0.45	cps
Zinc	66-2	123517	123534	123087	123379	0.21	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:56:01	DataFile Name :	009CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5576339	5565212	5635082	5592211	0.67	cps
Zirconium	91-1	1232338	1242390	1246620	1240449	0.59	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 13:59:28 DataFile Name : 010CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109873	110653	110931	110486	0.50	cps
Antimony	121-1	7415466	7384945	7466285	7422232	0.55	cps
Arsenic	75-2	86511	87214	88037	87254	0.88	cps
Barium	135-1	7442111	7441602	7646227	7509980	1.57	cps
Barium	137-1	13300660	13182578	13366138	13283125	0.70	cps
Beryllium	9-1	1278958	1284084	1265901	1276314	0.73	cps
Bismuth	209-1	5711468	5522266	5693802	5642512	1.85	cps
Bismuth	209-2	1812645	1824537	1786536	1807906	1.08	cps
Boron	10-1	153336	153698	157085	154707	1.34	cps
Boron	11-1	703559	714058	730119	715912	1.87	cps
Cadmium	111-1	1653446	1688601	1678984	1673677	1.09	cps
Cadmium	106-1	173402	173968	172929	173433	0.30	cps
Cadmium	108-1	118204	117037	118415	117885	0.63	cps
Calcium	43-1	2026233	2024831	2005308	2018791	0.58	cps
Calcium	44-1	31905361	32097467	32115589	32039473	0.36	cps
Chromium	52-2	794846	788848	789366	791020	0.42	cps
Cobalt	59-2	1685482	1695158	1690829	1690490	0.29	cps
Copper	63-2	2987822	2975183	2969845	2977617	0.31	cps
Dysprosium	156-1	108	125	58	97	35.68	cps
Dysprosium	156-2	23	7	0	10	120.16	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	20	0	13	11	91.66	cps
Gadolinium	160-1	125	92	75	97	26.19	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	9829026	9508833	9966387	9768082	2.40	cps
Holmium	165-2	2349857	2389324	2347750	2362310	0.99	cps
Indium	115-1	8629574	8362048	8705867	8565830	2.11	cps
Indium	115-2	350127	355816	352800	352914	0.81	cps
Iron	56-2	26088770	26297312	26180419	26188834	0.40	cps
Iron	57-2	657197	657333	654652	656394	0.23	cps
Krypton	83-1	417	453	390	420	7.57	cps
Lead	206-1	3980493	4023118	4037503	4013705	0.74	cps
Lead	207-1	3579672	3670766	3640137	3630192	1.28	cps
Lead	208-1	16100694	16252669	16296841	16216735	0.63	cps
Lithium	6-1	1747125	1682979	1730854	1720319	1.94	cps
Magnesium	24-2	2923996	2934407	2905890	2921431	0.49	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:59:28	DataFile Name :	010CAL5_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	416495	421385	415469	417783	0.76	cps
Molybdenum	94-1	13591629	13738120	13518292	13616014	0.82	cps
Molybdenum	95-1	16765428	16843461	16696274	16768388	0.44	cps
Molybdenum	96-1	18428518	18772982	18511694	18571065	0.97	cps
Molybdenum	97-1	10461165	10612292	10483892	10519116	0.77	cps
Molybdenum	98-1	26882441	26599774	26825062	26769092	0.56	cps
Neodymium	150-1	240	273	260	258	6.51	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	495262	498218	495278	496253	0.34	cps
Phosphorus	31-2	7819	7911	7627	7786	1.86	cps
Potassium	39-2	734957	748605	742661	742074	0.92	cps
Rhodium	103-1	8344771	7992059	8373855	8236895	2.58	cps
Rhodium	103-2	2269115	2319637	2293477	2294076	1.10	cps
Scandium	45-1	5878709	5682859	5860663	5807411	1.86	cps
Scandium	45-2	44845	45032	44591	44823	0.49	cps
Selenium	77-2	493	607	603	568	11.36	cps
Selenium	78-2	1906	2095	1974	1992	4.80	cps
Selenium	82-1	107867	107943	107932	107914	0.04	cps
Silicon	28-1	3484166	3496704	3475646	3485506	0.30	cps
Silver	109-1	7697095	7791999	7796240	7761778	0.72	cps
Silver	107-1	8209215	8195497	8294008	8232907	0.65	cps
Sodium	23-2	6955658	6996194	6911122	6954325	0.61	cps
Strontium	86-1	2162556	2190800	2157661	2170339	0.82	cps
Strontium	88-1	18301866	18616801	18403978	18440882	0.87	cps
Sulfur	34-1	962328	963056	953963	959782	0.53	cps
Terbium	159-1	10345142	9832298	10371083	10182841	2.98	cps
Terbium	159-2	2275837	2304771	2296017	2292208	0.65	cps
Thallium	203-1	4945395	5026317	4989641	4987118	0.81	cps
Thallium	205-1	11591978	11843149	11850780	11761969	1.25	cps
Tin	118-1	5181735	5213261	5237910	5210969	0.54	cps
Titanium	47-1	4812657	4800820	4797747	4803741	0.16	cps
Uranium	238-1	14620558	14473209	14514561	14536109	0.52	cps
Vanadium	51-2	573759	575558	574303	574540	0.16	cps
Yttrium	89-1	9725481	9226665	9762423	9571523	3.13	cps
Yttrium	89-2	277261	282788	281248	280432	1.02	cps
Zinc	66-2	243893	243950	243568	243804	0.08	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 13:59:28	DataFile Name :	010CALS_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11367339	11377364	11472777	11405826	0.51	cps
Zirconium	91-1	2542238	2595137	2598369	2578581	1.22	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CAL5_P8050918- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587552	592208	596816	592192	0.78	cps
Antimony	121-1	27596	28657	31304	29186	6.54	cps
Arsenic	75-2	70	78	78	75	5.68	cps
Barium	135-1	2317	2359	2509	2395	4.21	cps
Barium	137-1	4042	4092	4218	4117	2.19	cps
Beryllium	9-1	244	311	261	272	12.75	cps
Bismuth	209-1	5474319	5577376	5499101	5516932	0.98	cps
Bismuth	209-2	1763315	1749750	1799242	1770769	1.44	cps
Boron	10-1	6694	6418	5985	6366	5.61	cps
Boron	11-1	32563	30291	27110	29988	9.13	cps
Cadmium	111-1	1529	1447	1683	1553	7.70	cps
Cadmium	106-1	1800	1759	1959	1839	5.74	cps
Cadmium	108-1	33	54	25	38	40.07	cps
Calcium	43-1	10245794	10495384	10378463	10373214	1.20	cps
Calcium	44-1	164420879	165934025	166037087	165463997	0.55	cps
Chromium	52-2	33771	34867	33945	34194	1.72	cps
Cobalt	59-2	2930	2870	2597	2799	6.35	cps
Copper	63-2	5284	5228	5311	5274	0.81	cps
Dysprosium	156-1	75	83	58	72	17.62	cps
Dysprosium	156-2	10	17	23	17	39.99	cps
Erbium	164-1	8	92	33	44	96.23	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	83	108	125	106	19.87	cps
Gadolinium	160-2	17	37	17	23	49.48	cps
Holmium	165-1	9989134	9943741	10101427	10011434	0.81	cps
Holmium	165-2	2443447	2498170	2479282	2473633	1.12	cps
Indium	115-1	8795403	8714144	8785943	8765163	0.51	cps
Indium	115-2	370639	373985	376208	373610	0.75	cps
Iron	56-2	133887217	134424067	133483470	133931584	0.35	cps
Iron	57-2	3386431	3407842	3401392	3398555	0.32	cps
Krypton	83-1	400	380	440	407	7.51	cps
Lead	206-1	7853	8025	7358	7745	4.47	cps
Lead	207-1	6580	6685	6646	6637	0.80	cps
Lead	208-1	29859	31149	30032	30347	2.31	cps
Lithium	6-1	1756014	1746314	1772367	1758232	0.75	cps
Magnesium	24-2	14705203	14704480	14888987	14766223	0.72	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CAL5_P8050918- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1930	1743	1790	1821	5.33	cps
Molybdenum	94-1	18463	18630	19465	18853	2.85	cps
Molybdenum	95-1	29141	30351	31897	30463	4.53	cps
Molybdenum	96-1	33384	34938	36517	34946	4.48	cps
Molybdenum	97-1	18730	19431	19565	19242	2.33	cps
Molybdenum	98-1	47125	48621	51507	49085	4.54	cps
Neodymium	150-1	73	80	73	76	5.09	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	13113	13610	13323	13349	1.87	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3857145	3916872	3915108	3896375	0.87	cps
Rhodium	103-1	8244400	8279099	8365482	8296327	0.75	cps
Rhodium	103-2	2313366	2289449	2309073	2303963	0.55	cps
Scandium	45-1	6156769	6106406	6126606	6129927	0.41	cps
Scandium	45-2	46747	46657	46724	46710	0.10	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	79	143	141	121	30.21	cps
Silicon	28-1	1659249	1708469	1752696	1706804	2.74	cps
Silver	109-1	867	692	667	742	14.69	cps
Silver	107-1	833	975	775	861	11.94	cps
Sodium	23-2	34815199	35348537	35274471	35146069	0.82	cps
Strontium	86-1	76205	74815	76456	75825	1.17	cps
Strontium	88-1	635793	648569	643443	642602	1.00	cps
Sulfur	34-1	381256	386033	384944	384078	0.65	cps
Terbium	159-1	10528572	10527200	10517614	10524462	0.06	cps
Terbium	159-2	2414586	2385657	2422530	2407591	0.81	cps
Thallium	203-1	2717	2684	2342	2581	8.04	cps
Thallium	205-1	6202	5893	6144	6080	2.70	cps
Tin	118-1	10004	10438	10922	10455	4.39	cps
Titanium	47-1	1609	1609	1625	1614	0.60	cps
Uranium	238-1	1475	1717	1417	1536	10.36	cps
Vanadium	51-2	290	367	323	327	11.77	cps
Yttrium	89-1	9848604	10003997	9899410	9917337	0.80	cps
Yttrium	89-2	295521	296784	299469	297258	0.68	cps
Zinc	66-2	947	983	877	936	5.79	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:02:49	DataFile Name :	011CALS_P8050918- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3509	3534	3867	3637	5.50	cps
Zirconium	91-1	808	842	800	817	2.70	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3084	3292	3076	3150	3.90	cps
Antimony	121-1	1351405	1378868	1381807	1370693	1.22	cps
Arsenic	75-2	17652	17487	17478	17539	0.56	cps
Barium	135-1	140228	143605	141755	141863	1.19	cps
Barium	137-1	242382	246476	242892	243917	0.91	cps
Beryllium	9-1	125515	125996	126776	126096	0.50	cps
Bismuth	209-1	5403396	5378567	5315185	5365716	0.85	cps
Bismuth	209-2	1823084	1812433	1751797	1795771	2.14	cps
Boron	10-1	79638	80769	81524	80643	1.18	cps
Boron	11-1	374394	377468	382367	378076	1.06	cps
Cadmium	111-1	163232	162040	163992	163088	0.60	cps
Cadmium	106-1	25058	25158	26752	25656	3.71	cps
Cadmium	108-1	14003	14062	13766	13944	1.12	cps
Calcium	43-1	43218	43326	43711	43418	0.60	cps
Calcium	44-1	695238	701394	699848	698827	0.46	cps
Chromium	52-2	80459	80031	79068	79853	0.89	cps
Cobalt	59-2	170421	171650	171686	171252	0.42	cps
Copper	63-2	154086	150016	151859	151987	1.34	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	20	20	7	16	49.47	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	13	0	20	11	91.66	cps
Holmium	165-1	9193329	9087549	9165077	9148652	0.60	cps
Holmium	165-2	2305972	2305517	2244577	2285355	1.55	cps
Indium	115-1	8474778	8530163	8610546	8538496	0.80	cps
Indium	115-2	367254	363780	366501	365845	0.50	cps
Iron	56-2	540128	541406	542591	541375	0.23	cps
Iron	57-2	14019	13512	13362	13631	2.52	cps
Krypton	83-1	320	350	403	358	11.80	cps
Lead	206-1	716473	720408	728143	721675	0.82	cps
Lead	207-1	627665	625997	628241	627301	0.19	cps
Lead	208-1	2890030	2882920	2879065	2884005	0.19	cps
Lithium	6-1	1785833	1790094	1805611	1793846	0.58	cps
Magnesium	24-2	36740	36598	37242	36860	0.92	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21600	21270	21954	21608	1.58	cps
Molybdenum	94-1	2867987	2879121	2879585	2875564	0.23	cps
Molybdenum	95-1	1620607	1591469	1583780	1598619	1.22	cps
Molybdenum	96-1	2062457	2064953	2041722	2056378	0.62	cps
Molybdenum	97-1	971615	974673	977609	974632	0.31	cps
Molybdenum	98-1	2548442	2526813	2552496	2542584	0.54	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	51709	51083	51559	51450	0.64	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	35137	33541	33650	34109	2.61	cps
Rhodium	103-1	8578551	8435529	8552341	8522140	0.89	cps
Rhodium	103-2	2365839	2369965	2391838	2375881	0.59	cps
Scandium	45-1	5965875	6057033	5944660	5989189	1.00	cps
Scandium	45-2	46524	46423	46962	46636	0.61	cps
Selenium	77-2	163	93	93	117	34.64	cps
Selenium	78-2	452	376	391	406	9.91	cps
Selenium	82-1	21171	20764	20893	20943	0.99	cps
Silicon	28-1	1960785	1953526	1973416	1962576	0.51	cps
Silver	109-1	750205	754045	752744	752331	0.26	cps
Silver	107-1	797020	795552	793190	795254	0.24	cps
Sodium	23-2	156838	153308	154381	154842	1.17	cps
Strontium	86-1	1013285	1014750	1010533	1012856	0.21	cps
Strontium	88-1	8702932	8658223	8698777	8686644	0.28	cps
Sulfur	34-1	398732	402185	396672	399196	0.70	cps
Terbium	159-1	9576837	9655866	9637066	9623256	0.43	cps
Terbium	159-2	2236309	2256382	2229318	2240670	0.63	cps
Thallium	203-1	908975	914321	914721	912672	0.35	cps
Thallium	205-1	2249081	2229011	2261038	2246377	0.72	cps
Tin	118-1	2454615	2463592	2424912	2447706	0.83	cps
Titanium	47-1	471087	475651	468914	471884	0.73	cps
Uranium	238-1	7166431	7093357	7102856	7120881	0.56	cps
Vanadium	51-2	56758	58103	58073	57645	1.33	cps
Yttrium	89-1	9479473	9435003	9594535	9503004	0.87	cps
Yttrium	89-2	286598	286249	287050	286632	0.14	cps
Zinc	66-2	25253	25006	26128	25462	2.32	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:39:58	DataFile Name :	012ICV01_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5479863	5390939	5450094	5440299	0.83	cps
Zirconium	91-1	1181454	1189992	1196277	1189241	0.63	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 14:47:37 DataFile Name : 013CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	8	36	66.62	cps
Antimony	121-1	2067	2467	3176	2570	21.85	cps
Arsenic	75-2	11	15	9	12	24.10	cps
Barium	135-1	42	17	50	36	48.03	cps
Barium	137-1	67	42	58	56	22.91	cps
Beryllium	9-1	83	50	44	59	35.49	cps
Bismuth	209-1	5431199	5413167	5487524	5443963	0.71	cps
Bismuth	209-2	1666938	1820466	1829004	1772136	5.15	cps
Boron	10-1	775	742	942	820	13.08	cps
Boron	11-1	3776	3884	3567	3742	4.30	cps
Cadmium	111-1	1332	1210	1188	1243	6.26	cps
Cadmium	106-1	1884	1725	1675	1761	6.18	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	667	742	700	703	5.35	cps
Calcium	44-1	31127	32689	32239	32018	2.51	cps
Chromium	52-2	930	883	947	920	3.57	cps
Cobalt	59-2	83	97	103	94	10.78	cps
Copper	63-2	1067	1067	1013	1049	2.94	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	0	7	13	7	99.98	cps
Holmium	165-1	9160941	9289865	9384189	9278332	1.21	cps
Holmium	165-2	2183894	2349779	2349614	2294429	4.17	cps
Indium	115-1	8577138	8746711	8776952	8700267	1.24	cps
Indium	115-2	358280	378718	382041	373013	3.45	cps
Iron	56-2	2561	2667	2595	2608	2.07	cps
Iron	57-2	61	100	83	81	23.95	cps
Krypton	83-1	373	357	387	372	4.04	cps
Lead	206-1	250	189	267	235	17.41	cps
Lead	207-1	167	194	256	206	22.12	cps
Lead	208-1	883	861	1033	926	10.12	cps
Lithium	6-1	1806238	1823851	1812847	1814312	0.49	cps
Magnesium	24-2	175	217	275	222	22.60	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:47:37	DataFile Name :	013CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	53	40	48	14.52	cps
Molybdenum	94-1	667	875	833	792	13.93	cps
Molybdenum	95-1	517	733	958	736	30.00	cps
Molybdenum	96-1	592	842	1058	831	28.12	cps
Molybdenum	97-1	283	467	708	486	43.85	cps
Molybdenum	98-1	708	1100	1634	1147	40.47	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	83	100	99	15.20	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3025	3017	3101	3048	1.51	cps
Rhodium	103-1	8612126	8685457	8650990	8649525	0.42	cps
Rhodium	103-2	2258815	2466153	2461557	2395508	4.94	cps
Scandium	45-1	6105576	6106792	6140660	6117676	0.33	cps
Scandium	45-2	45313	47490	47600	46801	2.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	40	32	-5	22	108.14	cps
Silicon	28-1	394044	394125	390141	392770	0.58	cps
Silver	109-1	142	58	117	106	40.51	cps
Silver	107-1	58	100	150	103	44.65	cps
Sodium	23-2	9537	9820	9495	9618	1.84	cps
Strontium	86-1	592	658	508	586	12.82	cps
Strontium	88-1	150	133	142	142	5.88	cps
Sulfur	34-1	402660	401181	402370	402071	0.19	cps
Terbium	159-1	9676575	9699105	9769414	9715032	0.50	cps
Terbium	159-2	2141990	2297025	2247087	2228701	3.55	cps
Thallium	203-1	317	267	167	250	30.55	cps
Thallium	205-1	675	558	667	633	10.28	cps
Tin	118-1	958	1383	1233	1192	18.09	cps
Titanium	47-1	142	175	192	169	15.03	cps
Uranium	238-1	100	75	100	92	15.75	cps
Vanadium	51-2	10	17	23	17	39.99	cps
Yttrium	89-1	9733138	9540960	9706355	9660151	1.08	cps
Yttrium	89-2	278085	293587	297098	289590	3.49	cps
Zinc	66-2	60	77	87	74	18.10	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:47:37	DataFile Name :	013CCBE_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	967	967	1033	989	3.89	cps
Zirconium	91-1	150	225	192	189	19.89	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555110	557212	548533	553618	0.82	cps
Antimony	121-1	9229	9295	9429	9318	1.09	cps
Arsenic	75-2	46	31	35	38	20.48	cps
Barium	135-1	1950	2142	1984	2025	5.06	cps
Barium	137-1	3551	3976	3609	3712	6.21	cps
Beryllium	9-1	417	339	394	383	10.45	cps
Bismuth	209-1	5170743	5210476	5096858	5159359	1.12	cps
Bismuth	209-2	1638090	1647239	1638737	1641356	0.31	cps
Boron	10-1	950	1025	950	975	4.44	cps
Boron	11-1	4409	3876	3842	4042	7.87	cps
Cadmium	111-1	1596	1622	1506	1575	3.89	cps
Cadmium	106-1	1459	1625	1558	1547	5.42	cps
Cadmium	108-1	917	796	813	842	7.78	cps
Calcium	43-1	2015938	2004587	2031309	2017278	0.66	cps
Calcium	44-1	32012360	31778200	31791515	31860692	0.41	cps
Chromium	52-2	18025	17925	18109	18020	0.51	cps
Cobalt	59-2	2130	1910	2097	2046	5.80	cps
Copper	63-2	13030	12960	12816	12935	0.84	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	75	125	67	89	35.50	cps
Gadolinium	160-2	27	20	20	22	17.33	cps
Holmium	165-1	9225541	9216087	9135176	9192268	0.54	cps
Holmium	165-2	2311925	2296620	2270308	2292951	0.92	cps
Indium	115-1	8567008	8352068	8403729	8440935	1.33	cps
Indium	115-2	369574	370187	373728	371163	0.60	cps
Iron	56-2	53949362	53762114	53921353	53877610	0.19	cps
Iron	57-2	1350752	1343237	1339326	1344438	0.43	cps
Krypton	83-1	457	437	337	410	15.68	cps
Lead	206-1	17218	17601	17162	17327	1.38	cps
Lead	207-1	14092	14086	13608	13928	1.99	cps
Lead	208-1	65863	67076	64103	65681	2.28	cps
Lithium	6-1	1742104	1730297	1732506	1734969	0.36	cps
Magnesium	24-2	3057803	3068378	3035496	3053892	0.55	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1807	1887	1773	1822	3.20	cps
Molybdenum	94-1	3590945	3626437	3569771	3595718	0.80	cps
Molybdenum	95-1	6226244	6367713	6228137	6274032	1.29	cps
Molybdenum	96-1	6774133	6701455	6680675	6718754	0.73	cps
Molybdenum	97-1	3979071	3990062	3981692	3983609	0.14	cps
Molybdenum	98-1	9980453	10068149	9918874	9989159	0.75	cps
Neodymium	150-1	47	20	53	40	44.10	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3424	3224	3264	3304	3.20	cps
Phosphorus	31-2	40718	40952	40401	40690	0.68	cps
Potassium	39-2	1603458	1612735	1609587	1608593	0.29	cps
Rhodium	103-1	8282771	8168184	8149308	8200088	0.88	cps
Rhodium	103-2	2324034	2340104	2379082	2347740	1.21	cps
Scandium	45-1	6144828	6170663	6092930	6136140	0.65	cps
Scandium	45-2	48738	47888	47059	47895	1.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-63	-7	49	-7	-781.59	cps
Silicon	28-1	529425	528089	524942	527485	0.44	cps
Silver	109-1	575	500	733	603	19.76	cps
Silver	107-1	508	600	425	511	17.13	cps
Sodium	23-2	7246799	7163778	7230655	7213744	0.61	cps
Strontium	86-1	70976	71362	71773	71370	0.56	cps
Strontium	88-1	607416	609878	612440	609911	0.41	cps
Sulfur	34-1	2575788	2555919	2569508	2567072	0.40	cps
Terbium	159-1	9675380	9545126	9701650	9640718	0.87	cps
Terbium	159-2	2247138	2233108	2221949	2234065	0.56	cps
Thallium	203-1	567	583	708	619	12.50	cps
Thallium	205-1	1292	1517	1692	1500	13.37	cps
Tin	118-1	1617	1575	1692	1628	3.63	cps
Titanium	47-1	1973468	1980805	1971570	1975281	0.25	cps
Uranium	238-1	225	225	208	219	4.39	cps
Vanadium	51-2	93	90	83	89	5.73	cps
Yttrium	89-1	9613188	9573724	9483345	9556752	0.70	cps
Yttrium	89-2	294747	294854	297210	295604	0.47	cps
Zinc	66-2	1533	1353	1600	1496	8.53	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:50:57	DataFile Name :	014ICSA01_P8050918-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4959	4576	4834	4790	4.08	cps
Zirconium	91-1	1217	1042	942	1067	13.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	561550	553617	548918	554695	1.15	cps
Antimony	121-1	145309	144172	146294	145259	0.73	cps
Arsenic	75-2	1833	1735	1702	1757	3.89	cps
Barium	135-1	29901	30110	31305	30439	2.49	cps
Barium	137-1	52539	51510	52547	52198	1.14	cps
Beryllium	9-1	24521	25217	25084	24941	1.48	cps
Bismuth	209-1	5232261	5199973	5189447	5207227	0.43	cps
Bismuth	209-2	1684738	1672085	1702329	1686384	0.90	cps
Boron	10-1	8820	9787	9278	9295	5.21	cps
Boron	11-1	41971	42664	43492	42709	1.78	cps
Cadmium	111-1	32533	32395	32493	32474	0.22	cps
Cadmium	106-1	5618	5518	5802	5646	2.55	cps
Cadmium	108-1	3246	3242	3392	3294	2.59	cps
Calcium	43-1	2020997	2031904	2039891	2030931	0.47	cps
Calcium	44-1	31952047	32083823	32238574	32091481	0.45	cps
Chromium	52-2	35098	34640	34366	34701	1.07	cps
Cobalt	59-2	36044	36638	35796	36159	1.20	cps
Copper	63-2	42592	42371	42716	42560	0.41	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	20	27	17	21	24.12	cps
Holmium	165-1	9377941	9553640	9309869	9413817	1.34	cps
Holmium	165-2	2321734	2337330	2321296	2326787	0.39	cps
Indium	115-1	8475038	8630299	8579194	8561511	0.92	cps
Indium	115-2	373367	372486	368937	371597	0.63	cps
Iron	56-2	54183469	54363485	53157425	53901460	1.21	cps
Iron	57-2	1357559	1355744	1340324	1351209	0.70	cps
Krypton	83-1	357	407	437	400	10.10	cps
Lead	206-1	86220	86896	86544	86553	0.39	cps
Lead	207-1	70390	71697	71781	71289	1.09	cps
Lead	208-1	329379	331717	334663	331919	0.80	cps
Lithium	6-1	1768372	1767815	1769125	1768437	0.04	cps
Magnesium	24-2	3063133	3099229	2996724	3053029	1.70	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5978	5821	6235	6011	3.47	cps
Molybdenum	94-1	3988875	3988604	4038531	4005337	0.72	cps
Molybdenum	95-1	6538061	6647831	6570014	6585302	0.86	cps
Molybdenum	96-1	7140738	7068128	7090709	7099858	0.52	cps
Molybdenum	97-1	4192880	4192234	4187876	4190996	0.06	cps
Molybdenum	98-1	10410212	10556230	10422768	10463070	0.77	cps
Neodymium	150-1	27	47	27	33	34.64	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	13270	13704	13280	13418	1.85	cps
Phosphorus	31-2	41178	41002	41930	41370	1.19	cps
Potassium	39-2	1624590	1633482	1604201	1620758	0.93	cps
Rhodium	103-1	8310450	8371001	8188634	8290028	1.12	cps
Rhodium	103-2	2379466	2346173	2360082	2361907	0.71	cps
Scandium	45-1	6145641	6204448	6138136	6162742	0.59	cps
Scandium	45-2	47701	48286	46490	47492	1.93	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	31	33	43	36	16.63	cps
Selenium	82-1	1999	1960	1939	1966	1.55	cps
Silicon	28-1	747070	747058	746615	746914	0.03	cps
Silver	109-1	138230	137388	137412	137677	0.35	cps
Silver	107-1	147390	148324	146835	147517	0.51	cps
Sodium	23-2	7315034	7308655	7217335	7280341	0.75	cps
Strontium	86-1	184741	182937	182057	183245	0.75	cps
Strontium	88-1	1631235	1623605	1614134	1622991	0.53	cps
Sulfur	34-1	2565285	2589450	2529025	2561253	1.19	cps
Terbium	159-1	9836280	9835030	9873771	9848360	0.22	cps
Terbium	159-2	2299947	2287245	2278077	2288423	0.48	cps
Thallium	203-1	87073	86252	87803	87043	0.89	cps
Thallium	205-1	208390	207821	207244	207818	0.28	cps
Tin	118-1	261070	264853	265098	263674	0.86	cps
Titanium	47-1	2045104	2048403	2046758	2046755	0.08	cps
Uranium	238-1	687010	693527	692451	690996	0.51	cps
Vanadium	51-2	11795	11301	11328	11475	2.42	cps
Yttrium	89-1	9863345	9661747	9742292	9755795	1.04	cps
Yttrium	89-2	298640	295730	292491	295620	1.04	cps
Zinc	66-2	3914	3901	4077	3964	2.48	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:54:12	DataFile Name :	015ICSB_P8050918- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	596192	593640	602971	597601	0.81	cps
Zirconium	91-1	131979	130337	133087	131801	1.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319728	318743	320772	319748	0.32	cps
Antimony	121-1	3877996	3836351	3847019	3853789	0.56	cps
Arsenic	75-2	47758	47253	48457	47822	1.26	cps
Barium	135-1	3879838	3908341	3922045	3903408	0.55	cps
Barium	137-1	6739145	6797720	6790422	6775762	0.47	cps
Beryllium	9-1	665820	666813	665609	666081	0.10	cps
Bismuth	209-1	5514383	5497401	5434302	5482029	0.77	cps
Bismuth	209-2	1772784	1739666	1768666	1760372	1.03	cps
Boron	10-1	78138	81364	81783	80428	2.48	cps
Boron	11-1	362607	375943	376875	371808	2.15	cps
Cadmium	111-1	852653	848112	850798	850521	0.27	cps
Cadmium	106-1	88029	88851	89866	88915	1.03	cps
Cadmium	108-1	60138	59820	59686	59881	0.39	cps
Calcium	43-1	5281583	5239214	5256170	5258989	0.41	cps
Calcium	44-1	85032306	85107719	84531091	84890372	0.37	cps
Chromium	52-2	452155	450420	453187	451921	0.31	cps
Cobalt	59-2	897120	899117	902411	899550	0.30	cps
Copper	63-2	1600287	1578122	1598229	1592212	0.77	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	67	100	33	67	50.01	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	9852878	9773294	9679733	9768635	0.89	cps
Holmium	165-2	2461787	2387187	2441707	2430227	1.59	cps
Indium	115-1	8863351	8856598	8838572	8852840	0.14	cps
Indium	115-2	381622	379662	376250	379178	0.72	cps
Iron	56-2	70484550	70803832	70989927	70759436	0.36	cps
Iron	57-2	1792907	1811780	1799809	1801499	0.53	cps
Krypton	83-1	453	397	377	409	9.73	cps
Lead	206-1	1965126	1976691	1908481	1950099	1.87	cps
Lead	207-1	1782272	1778338	1743535	1768049	1.21	cps
Lead	208-1	7970160	7958392	7846023	7924859	0.86	cps
Lithium	6-1	1760306	1775501	1759090	1764966	0.52	cps
Magnesium	24-2	7770737	7775951	7778145	7774944	0.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	231899	233925	234085	233303	0.52	cps
Molybdenum	94-1	7188328	7079624	7129242	7132398	0.76	cps
Molybdenum	95-1	8736362	8703580	8680458	8706800	0.32	cps
Molybdenum	96-1	9840653	9688569	9825162	9784795	0.86	cps
Molybdenum	97-1	5539624	5509162	5582120	5543635	0.66	cps
Molybdenum	98-1	14012938	14083118	13956771	14017609	0.45	cps
Neodymium	150-1	147	127	133	136	7.51	cps
Neodymium	150-2	23	7	0	10	120.16	cps
Nickel	60-2	274922	272529	273478	273643	0.44	cps
Phosphorus	31-2	4393	4618	4301	4437	3.67	cps
Potassium	39-2	2086339	2091620	2098570	2092176	0.29	cps
Rhodium	103-1	8444679	8515502	8389814	8449998	0.75	cps
Rhodium	103-2	2354729	2367044	2374154	2365309	0.42	cps
Scandium	45-1	6323588	6332376	6210326	6288763	1.08	cps
Scandium	45-2	49898	49654	48534	49362	1.47	cps
Selenium	77-2	303	287	330	307	7.13	cps
Selenium	78-2	1104	1024	1039	1056	4.01	cps
Selenium	82-1	56079	56287	56157	56174	0.19	cps
Silicon	28-1	2182170	2195341	2169539	2182350	0.59	cps
Silver	109-1	3993361	3981845	4016688	3997298	0.44	cps
Silver	107-1	4235204	4224077	4279811	4246364	0.69	cps
Sodium	23-2	18614355	18622828	18703821	18647001	0.26	cps
Strontium	86-1	1151302	1166372	1168275	1161983	0.80	cps
Strontium	88-1	9977739	9949033	10099291	10008687	0.80	cps
Sulfur	34-1	689700	694884	688841	691142	0.47	cps
Terbium	159-1	10437597	10277728	10136538	10283954	1.46	cps
Terbium	159-2	2379272	2352362	2342042	2357892	0.82	cps
Thallium	203-1	2454231	2460055	2450376	2454887	0.20	cps
Thallium	205-1	5775687	5722914	5755758	5751453	0.46	cps
Tin	118-1	2709220	2693558	2711181	2704653	0.36	cps
Titanium	47-1	2606600	2646586	2618521	2623903	0.78	cps
Uranium	238-1	7267920	7204727	7143096	7205248	0.87	cps
Vanadium	51-2	316874	319109	316092	317358	0.49	cps
Yttrium	89-1	9990123	10169984	10031302	10063803	0.94	cps
Yttrium	89-2	303354	303977	303988	303773	0.12	cps
Zinc	66-2	130483	131651	131472	131202	0.48	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 14:57:27	DataFile Name :	016CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6040576	6117654	6179617	6112616	1.14	cps
Zirconium	91-1	1335102	1360636	1346027	1347255	0.95	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	50	28	69.27	cps
Antimony	121-1	4976	6594	7369	6313	19.34	cps
Arsenic	75-2	20	15	30	22	34.65	cps
Barium	135-1	58	50	58	56	8.67	cps
Barium	137-1	117	125	42	94	48.60	cps
Beryllium	9-1	106	89	78	91	15.41	cps
Bismuth	209-1	5712649	5691230	5691266	5698381	0.22	cps
Bismuth	209-2	1879702	1884794	1895647	1886714	0.43	cps
Boron	10-1	1133	1217	1433	1261	12.28	cps
Boron	11-1	6127	6127	5835	6029	2.79	cps
Cadmium	111-1	1333	1178	1319	1277	6.71	cps
Cadmium	106-1	1892	1600	1842	1778	8.77	cps
Cadmium	108-1	17	0	17	11	86.60	cps
Calcium	43-1	608	767	650	675	12.16	cps
Calcium	44-1	36591	36214	36022	36276	0.80	cps
Chromium	52-2	1017	933	890	947	6.80	cps
Cobalt	59-2	87	90	83	87	3.84	cps
Copper	63-2	1167	1170	1177	1171	0.43	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	58	67	50	44.10	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	9597971	9678396	9717374	9664580	0.63	cps
Holmium	165-2	2408062	2449667	2376802	2411510	1.52	cps
Indium	115-1	9197013	8939388	8954189	9030197	1.60	cps
Indium	115-2	385722	387822	385522	386355	0.33	cps
Iron	56-2	3539	3378	3323	3413	3.30	cps
Iron	57-2	106	94	100	100	5.55	cps
Krypton	83-1	470	427	410	436	7.11	cps
Lead	206-1	606	600	556	587	4.67	cps
Lead	207-1	622	594	456	557	16.02	cps
Lead	208-1	2406	2550	2322	2426	4.75	cps
Lithium	6-1	1822705	1808175	1810992	1813957	0.42	cps
Magnesium	24-2	233	250	283	256	9.96	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	43	40	44	11.46	cps
Molybdenum	94-1	1659	2317	2759	2245	24.66	cps
Molybdenum	95-1	2425	3100	3759	3095	21.55	cps
Molybdenum	96-1	2767	3351	4543	3553	25.47	cps
Molybdenum	97-1	1517	2025	2475	2006	23.91	cps
Molybdenum	98-1	3851	4709	6168	4909	23.87	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	137	120	119	15.44	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	3276	3100	3159	3178	2.80	cps
Rhodium	103-1	8862621	8956255	8874079	8897652	0.57	cps
Rhodium	103-2	2497027	2494853	2490833	2494238	0.13	cps
Scandium	45-1	6181774	6241922	6222376	6215357	0.49	cps
Scandium	45-2	47758	48300	46805	47621	1.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-85	-16	-11	-37	-110.98	cps
Silicon	28-1	385570	383951	384606	384709	0.21	cps
Silver	109-1	242	300	250	264	11.96	cps
Silver	107-1	325	292	358	325	10.26	cps
Sodium	23-2	11964	11855	10629	11483	6.45	cps
Strontium	86-1	583	725	642	650	10.95	cps
Strontium	88-1	142	158	192	164	15.54	cps
Sulfur	34-1	383883	382858	383034	383258	0.14	cps
Terbium	159-1	10226482	10139214	10187477	10184391	0.43	cps
Terbium	159-2	2312155	2337397	2319606	2323053	0.56	cps
Thallium	203-1	683	692	575	650	10.01	cps
Thallium	205-1	1759	1659	1817	1745	4.59	cps
Tin	118-1	1175	1484	1467	1375	12.61	cps
Titanium	47-1	333	267	292	297	11.33	cps
Uranium	238-1	150	133	92	125	24.04	cps
Vanadium	51-2	17	17	17	17	0.00	cps
Yttrium	89-1	9957212	9967686	10215291	10046730	1.45	cps
Yttrium	89-2	295834	298925	298124	297628	0.54	cps
Zinc	66-2	93	70	70	78	17.32	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:03:24	DataFile Name :	017CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1692	1400	1558	1550	9.42	cps
Zirconium	91-1	300	442	242	328	31.38	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:10:13	DataFile Name :	018SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	167	142	169	17.27	cps
Antimony	121-1	15718	15476	16394	15863	3.00	cps
Arsenic	75-2	80	100	83	88	12.38	cps
Barium	135-1	13332	14058	14033	13808	2.98	cps
Barium	137-1	24532	24524	24123	24393	0.96	cps
Beryllium	9-1	1245	1228	1317	1263	3.74	cps
Bismuth	209-1	5256228	5461916	5557586	5425243	2.84	cps
Bismuth	209-2	1794022	1793527	1823385	1803645	0.95	cps
Boron	10-1	3951	4251	4293	4165	4.48	cps
Boron	11-1	19230	19639	19280	19383	1.15	cps
Cadmium	111-1	2673	2880	2724	2759	3.92	cps
Cadmium	106-1	1650	1909	1742	1767	7.41	cps
Cadmium	108-1	142	133	125	133	6.25	cps
Calcium	43-1	10938	10062	9820	10274	5.72	cps
Calcium	44-1	189524	187470	185478	187491	1.08	cps
Chromium	52-2	2564	2490	2450	2501	2.30	cps
Cobalt	59-2	1650	1797	1810	1752	5.07	cps
Copper	63-2	4297	4147	4194	4213	1.82	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	13	23	7	14	58.06	cps
Gadolinium	160-1	42	92	58	64	39.85	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8837188	9315574	9294586	9149116	2.95	cps
Holmium	165-2	2293224	2312349	2315257	2306944	0.52	cps
Indium	115-1	8314730	8796268	8747095	8619364	3.07	cps
Indium	115-2	377404	376149	374159	375904	0.44	cps
Iron	56-2	29743	29760	29883	29795	0.26	cps
Iron	57-2	761	706	750	739	3.98	cps
Krypton	83-1	380	397	390	389	2.16	cps
Lead	206-1	3995	3940	4145	4027	2.64	cps
Lead	207-1	3684	3573	3406	3554	3.93	cps
Lead	208-1	16371	16127	16505	16334	1.17	cps
Lithium	6-1	1663726	1741129	1772854	1725903	3.25	cps
Magnesium	24-2	15392	15276	14933	15200	1.57	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:10:13 DataFile Name : 018SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	280	253	278	8.43	cps
Molybdenum	94-1	14617	13607	14600	14275	4.05	cps
Molybdenum	95-1	16277	16411	17504	16730	4.02	cps
Molybdenum	96-1	18372	19064	18588	18675	1.90	cps
Molybdenum	97-1	10229	10888	10655	10591	3.15	cps
Molybdenum	98-1	26168	28180	27329	27226	3.71	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	687	667	610	654	6.08	cps
Phosphorus	31-2	0	8	33	14	124.91	cps
Potassium	39-2	10271	10971	10438	10560	3.47	cps
Rhodium	103-1	8136276	8749220	8686947	8524148	3.96	cps
Rhodium	103-2	2434625	2442591	2429930	2435715	0.26	cps
Scandium	45-1	5700016	6056278	6060395	5938896	3.48	cps
Scandium	45-2	46611	46383	47095	46696	0.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	9	19	14	34.32	cps
Selenium	82-1	553	468	475	499	9.51	cps
Silicon	28-1	448027	444785	443986	445599	0.48	cps
Silver	109-1	7711	7761	7869	7780	1.04	cps
Silver	107-1	8195	8186	8236	8206	0.33	cps
Sodium	23-2	45365	46309	45306	45660	1.23	cps
Strontium	86-1	2625	2850	2817	2764	4.39	cps
Strontium	88-1	18647	17879	18113	18213	2.16	cps
Sulfur	34-1	385833	382489	384772	384365	0.44	cps
Terbium	159-1	9388646	9801081	9787414	9659047	2.43	cps
Terbium	159-2	2271028	2266086	2280273	2272462	0.32	cps
Thallium	203-1	5068	4951	4751	4923	3.25	cps
Thallium	205-1	11731	12073	12156	11987	1.88	cps
Tin	118-1	25475	25100	26452	25676	2.72	cps
Titanium	47-1	4734	4684	4718	4712	0.54	cps
Uranium	238-1	13658	12974	12691	13108	3.79	cps
Vanadium	51-2	2817	2840	2874	2844	1.00	cps
Yttrium	89-1	9158113	9624214	9655441	9479256	2.94	cps
Yttrium	89-2	292061	289784	290301	290715	0.41	cps
Zinc	66-2	467	410	413	430	7.39	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:10:13	DataFile Name :	018SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12782	12940	12598	12773	1.34	cps
Zirconium	91-1	2859	3042	2834	2912	3.91	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	75	133	114	29.57	cps
Antimony	121-1	14250	15635	15034	14973	4.64	cps
Arsenic	75-2	76	80	98	85	14.08	cps
Barium	135-1	13374	13040	13307	13241	1.33	cps
Barium	137-1	23798	22846	23155	23266	2.09	cps
Beryllium	9-1	1261	1295	1339	1298	3.01	cps
Bismuth	209-1	5544475	5489389	5604222	5546029	1.04	cps
Bismuth	209-2	1769129	1780575	1806725	1785476	1.08	cps
Boron	10-1	3926	4259	4126	4104	4.09	cps
Boron	11-1	17486	18771	19289	18515	5.01	cps
Cadmium	111-1	2770	2652	2516	2646	4.82	cps
Cadmium	106-1	2009	1917	1725	1884	7.68	cps
Cadmium	108-1	117	129	138	128	8.20	cps
Calcium	43-1	10137	9946	10246	10110	1.50	cps
Calcium	44-1	182169	182777	184372	183106	0.62	cps
Chromium	52-2	2684	2534	2584	2600	2.94	cps
Cobalt	59-2	1803	1663	1690	1719	4.32	cps
Copper	63-2	4064	4027	4101	4064	0.90	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	42	25	44	47.19	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	9527057	9316017	9328435	9390503	1.26	cps
Holmium	165-2	2252786	2280283	2285279	2272783	0.77	cps
Indium	115-1	8831678	8741292	8637288	8736752	1.11	cps
Indium	115-2	365626	369944	368107	367892	0.59	cps
Iron	56-2	28480	28185	28513	28392	0.64	cps
Iron	57-2	722	728	606	685	10.07	cps
Krypton	83-1	430	390	437	419	6.03	cps
Lead	206-1	3979	3890	4079	3982	2.37	cps
Lead	207-1	3512	3273	3517	3434	4.07	cps
Lead	208-1	15977	15671	15660	15769	1.14	cps
Lithium	6-1	1764738	1764409	1759875	1763007	0.15	cps
Magnesium	24-2	14616	14433	14433	14494	0.73	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	280	293	268	12.47	cps
Molybdenum	94-1	12815	13974	13115	13302	4.52	cps
Molybdenum	95-1	15793	15276	16269	15779	3.15	cps
Molybdenum	96-1	17679	17988	17487	17718	1.43	cps
Molybdenum	97-1	9554	9771	9871	9732	1.66	cps
Molybdenum	98-1	25158	25575	25759	25497	1.21	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	680	660	530	623	13.07	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	10638	10187	10204	10343	2.47	cps
Rhodium	103-1	8744750	8678637	8662165	8695184	0.50	cps
Rhodium	103-2	2370512	2410557	2405598	2395555	0.91	cps
Scandium	45-1	5987207	6012531	5996532	5998757	0.21	cps
Scandium	45-2	44861	45564	45938	45455	1.20	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	13	7	17	12	37.75	cps
Selenium	82-1	453	454	421	443	4.20	cps
Silicon	28-1	443878	438983	440382	441081	0.57	cps
Silver	109-1	7586	7761	7402	7583	2.36	cps
Silver	107-1	8220	7786	7836	7947	2.99	cps
Sodium	23-2	44446	44270	44312	44343	0.21	cps
Strontium	86-1	2692	2684	2584	2653	2.27	cps
Strontium	88-1	17028	17929	17929	17629	2.95	cps
Sulfur	34-1	386948	385449	385776	386058	0.20	cps
Terbium	159-1	10016003	9707452	9983634	9902363	1.71	cps
Terbium	159-2	2169543	2228676	2221125	2206448	1.46	cps
Thallium	203-1	4534	4935	5243	4904	7.24	cps
Thallium	205-1	11514	10905	11197	11205	2.72	cps
Tin	118-1	24457	23722	23580	23920	1.97	cps
Titanium	47-1	5051	4326	4609	4662	7.84	cps
Uranium	238-1	12282	12415	12415	12371	0.62	cps
Vanadium	51-2	2760	2737	2770	2756	0.62	cps
Yttrium	89-1	9685524	9413591	9619820	9572978	1.48	cps
Yttrium	89-2	281872	285962	287865	285233	1.07	cps
Zinc	66-2	500	480	417	466	9.34	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:13:32	DataFile Name :	019SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11897	11789	12047	11911	1.09	cps
Zirconium	91-1	2742	2317	2767	2609	9.70	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	8	22	78.07	cps
Antimony	121-1	942	850	1258	1017	21.07	cps
Arsenic	75-2	7	15	6	9	52.86	cps
Barium	135-1	17	33	17	22	43.28	cps
Barium	137-1	17	50	25	31	56.77	cps
Beryllium	9-1	78	50	61	63	22.21	cps
Bismuth	209-1	5490203	5515232	5504565	5503333	0.23	cps
Bismuth	209-2	1765911	1768122	1781357	1771797	0.47	cps
Boron	10-1	617	750	583	650	13.57	cps
Boron	11-1	3292	3276	3117	3228	2.99	cps
Cadmium	111-1	1120	1373	869	1121	22.48	cps
Cadmium	106-1	1567	1942	1250	1586	21.83	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	567	725	733	675	13.91	cps
Calcium	44-1	33600	32873	33550	33341	1.22	cps
Chromium	52-2	907	920	827	884	5.71	cps
Cobalt	59-2	67	107	57	77	34.51	cps
Copper	63-2	1230	1063	1053	1116	8.90	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	25	58	83	56	52.68	cps
Gadolinium	160-2	7	3	20	10	88.20	cps
Holmium	165-1	9273721	9190355	9295980	9253352	0.60	cps
Holmium	165-2	2281874	2303181	2298310	2294455	0.49	cps
Indium	115-1	8754526	8700542	8666754	8707274	0.51	cps
Indium	115-2	367462	370018	366573	368018	0.49	cps
Iron	56-2	2567	2656	2461	2561	3.80	cps
Iron	57-2	89	94	117	100	14.70	cps
Krypton	83-1	413	310	340	354	15.00	cps
Lead	206-1	294	278	333	302	9.44	cps
Lead	207-1	272	283	283	280	2.30	cps
Lead	208-1	1128	1295	1317	1246	8.28	cps
Lithium	6-1	1767181	1731202	1763851	1754078	1.13	cps
Magnesium	24-2	258	192	308	253	23.15	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	47	47	40	28.87	cps
Molybdenum	94-1	550	633	650	611	8.77	cps
Molybdenum	95-1	350	617	642	536	30.15	cps
Molybdenum	96-1	517	658	833	669	23.70	cps
Molybdenum	97-1	258	408	358	342	22.35	cps
Molybdenum	98-1	508	767	1125	800	38.71	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	103	107	104	1.84	cps
Phosphorus	31-2	33	0	0	11	173.21	cps
Potassium	39-2	2934	2825	2717	2825	3.83	cps
Rhodium	103-1	8612515	8586535	8522931	8573994	0.54	cps
Rhodium	103-2	2409882	2429624	2396703	2412069	0.69	cps
Scandium	45-1	6116007	5977078	5999031	6030705	1.24	cps
Scandium	45-2	45407	45637	45825	45623	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-69	50	24	2	3255.96	cps
Silicon	28-1	387701	377776	382013	382497	1.30	cps
Silver	109-1	117	142	142	133	10.83	cps
Silver	107-1	167	150	75	131	37.40	cps
Sodium	23-2	9712	10396	9504	9870	4.73	cps
Strontium	86-1	517	758	558	611	21.14	cps
Strontium	88-1	100	100	175	125	34.64	cps
Sulfur	34-1	388890	387385	387548	387941	0.21	cps
Terbium	159-1	9917416	9836170	9815703	9856430	0.55	cps
Terbium	159-2	2227777	2260291	2228341	2238803	0.83	cps
Thallium	203-1	417	325	400	381	12.83	cps
Thallium	205-1	700	858	850	803	11.10	cps
Tin	118-1	600	592	517	569	8.06	cps
Titanium	47-1	142	67	158	122	39.95	cps
Uranium	238-1	25	58	17	33	66.14	cps
Vanadium	51-2	20	3	10	11	75.52	cps
Yttrium	89-1	9627988	9605364	9602251	9611868	0.15	cps
Yttrium	89-2	284003	286877	282402	284427	0.80	cps
Zinc	66-2	63	37	57	52	26.57	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BL	Instrumnet Name :	P8
Client Sample ID :	PB109006BL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:16:52	DataFile Name :	020CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	783	800	750	778	3.27	cps
Zirconium	91-1	183	150	133	156	16.37	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57668	56681	57376	57242	0.89	cps
Antimony	121-1	3673924	3668823	3688294	3677014	0.27	cps
Arsenic	75-2	44087	43765	44334	44062	0.65	cps
Barium	135-1	3694140	3737706	3725318	3719055	0.60	cps
Barium	137-1	6418859	6489047	6466368	6458091	0.55	cps
Beryllium	9-1	643943	644180	640592	642905	0.31	cps
Bismuth	209-1	5234302	5578155	5493920	5435459	3.30	cps
Bismuth	209-2	1778955	1802136	1791864	1790985	0.65	cps
Boron	10-1	72300	75607	76111	74673	2.77	cps
Boron	11-1	339666	352239	356636	349514	2.52	cps
Cadmium	111-1	814292	821753	818377	818141	0.46	cps
Cadmium	106-1	84625	84674	86730	85343	1.41	cps
Cadmium	108-1	58485	58523	58393	58467	0.11	cps
Calcium	43-1	1013433	999863	1002481	1005259	0.72	cps
Calcium	44-1	16243247	16121372	16152242	16172287	0.39	cps
Chromium	52-2	403323	403697	401820	402946	0.25	cps
Cobalt	59-2	859332	857339	864668	860446	0.44	cps
Copper	63-2	1496629	1498771	1495157	1496852	0.12	cps
Dysprosium	156-1	108	83	58	83	30.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	27	23	13	21	32.88	cps
Holmium	165-1	9152084	9540835	9568281	9420400	2.47	cps
Holmium	165-2	2342612	2352268	2356289	2350390	0.30	cps
Indium	115-1	8293894	8677118	8575986	8515666	2.33	cps
Indium	115-2	366474	366777	364809	366020	0.29	cps
Iron	56-2	13392166	13344182	13381248	13372532	0.19	cps
Iron	57-2	334224	340100	335178	336501	0.94	cps
Krypton	83-1	463	377	370	403	12.91	cps
Lead	206-1	1902196	1905553	1898183	1901977	0.19	cps
Lead	207-1	1739160	1754726	1735074	1742987	0.59	cps
Lead	208-1	7745365	7828960	7783590	7785972	0.54	cps
Lithium	6-1	1684739	1770347	1787283	1747456	3.15	cps
Magnesium	24-2	1535358	1524008	1547761	1535709	0.77	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	214230	213999	213932	214054	0.07	cps
Molybdenum	94-1	6726994	6717670	6721127	6721930	0.07	cps
Molybdenum	95-1	8158545	8166955	8134904	8153468	0.20	cps
Molybdenum	96-1	9271515	9169714	9160284	9200504	0.67	cps
Molybdenum	97-1	5236028	5194645	5209558	5213410	0.40	cps
Molybdenum	98-1	13029464	13012322	13103166	13048318	0.37	cps
Neodymium	150-1	127	113	173	138	22.87	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	255040	254400	256781	255407	0.48	cps
Phosphorus	31-2	4009	3701	3951	3887	4.22	cps
Potassium	39-2	383906	386524	386968	385800	0.43	cps
Rhodium	103-1	7945389	8415468	8355389	8238748	3.11	cps
Rhodium	103-2	2348355	2376307	2354431	2359698	0.62	cps
Scandium	45-1	5879723	6042769	6074030	5998841	1.74	cps
Scandium	45-2	46634	45748	45534	45972	1.27	cps
Selenium	77-2	337	257	287	293	13.78	cps
Selenium	78-2	1080	1041	1019	1046	2.96	cps
Selenium	82-1	53696	53525	53708	53643	0.19	cps
Silicon	28-1	2078284	2119797	2064386	2087489	1.38	cps
Silver	109-1	3905319	3913062	3914356	3910912	0.12	cps
Silver	107-1	4150793	4165262	4136617	4150891	0.35	cps
Sodium	23-2	3607350	3606511	3602460	3605440	0.07	cps
Strontium	86-1	1055543	1056874	1067854	1060090	0.64	cps
Strontium	88-1	9136102	9067379	9150709	9118063	0.49	cps
Sulfur	34-1	673742	674484	667115	671780	0.60	cps
Terbium	159-1	9733415	10133050	10118692	9995052	2.27	cps
Terbium	159-2	2296039	2252253	2296285	2281526	1.11	cps
Thallium	203-1	2442037	2370842	2406712	2406530	1.48	cps
Thallium	205-1	5750695	5651472	5569051	5657073	1.61	cps
Tin	118-1	2566453	2573308	2568180	2569314	0.14	cps
Titanium	47-1	2484668	2418581	2455402	2452884	1.35	cps
Uranium	238-1	6856266	6882613	6864438	6867772	0.20	cps
Vanadium	51-2	293560	291249	292951	292586	0.41	cps
Yttrium	89-1	9247112	9658535	9728743	9544797	2.73	cps
Yttrium	89-2	288351	288587	287681	288206	0.16	cps
Zinc	66-2	124947	125334	124822	125034	0.21	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	PB109006BS	Instrumnet Name :	P8
Client Sample ID :	PB109006BS	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:20:13	DataFile Name :	021LCS6_P8050918- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5633395	5642059	5655084	5643513	0.19	cps
Zirconium	91-1	1234499	1243822	1253534	1243952	0.77	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	150	183	150	22.22	cps
Antimony	121-1	25483	29292	33217	29331	13.18	cps
Arsenic	75-2	1819	1858	2019	1898	5.59	cps
Barium	135-1	143582	142949	145897	144143	1.08	cps
Barium	137-1	245745	254528	251980	250751	1.80	cps
Beryllium	9-1	83	100	111	98	14.24	cps
Bismuth	209-1	4191723	4090448	4183238	4155137	1.35	cps
Bismuth	209-2	1283412	1247600	1328137	1286383	3.14	cps
Boron	10-1	45272	46627	45406	45768	1.63	cps
Boron	11-1	217580	221454	221607	220214	1.04	cps
Cadmium	111-1	1263	1123	1131	1172	6.71	cps
Cadmium	106-1	1300	1183	1167	1217	5.97	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	1248350	1253602	1259862	1253938	0.46	cps
Calcium	44-1	19730408	19708751	19582320	19673826	0.41	cps
Chromium	52-2	1763	1740	1793	1766	1.51	cps
Cobalt	59-2	3204	3154	3257	3205	1.61	cps
Copper	63-2	8259	8483	8813	8518	3.27	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Erbium	164-1	75	75	58	69	13.86	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	75	58	75	69	13.85	cps
Gadolinium	160-2	20	23	20	21	9.11	cps
Holmium	165-1	7040975	7071108	7308366	7140150	2.05	cps
Holmium	165-2	1739940	1714595	1796188	1750241	2.39	cps
Indium	115-1	6881764	6707815	6780381	6789987	1.29	cps
Indium	115-2	293738	284443	297372	291851	2.28	cps
Iron	56-2	116746	118852	118438	118012	0.95	cps
Iron	57-2	3067	2867	3100	3012	4.19	cps
Krypton	83-1	347	413	330	363	12.14	cps
Lead	206-1	2567	1978	1906	2150	16.87	cps
Lead	207-1	2311	1622	1450	1795	25.39	cps
Lead	208-1	10274	7701	6834	8270	21.63	cps
Lithium	6-1	2552622	2725073	2898512	2725403	6.35	cps
Magnesium	24-2	212575	208890	211722	211062	0.91	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117973	117200	115684	116952	1.00	cps
Molybdenum	94-1	6602	6935	7152	6897	4.02	cps
Molybdenum	95-1	8661	9395	9862	9306	6.51	cps
Molybdenum	96-1	9270	10847	11414	10510	10.57	cps
Molybdenum	97-1	5668	6377	6735	6260	8.67	cps
Molybdenum	98-1	13849	15059	16411	15106	8.48	cps
Neodymium	150-1	87	87	80	84	4.56	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	1263	1147	1237	1216	5.03	cps
Phosphorus	31-2	33	25	25	28	17.31	cps
Potassium	39-2	48108	46511	44363	46327	4.06	cps
Rhodium	103-1	6459449	6448086	6484987	6464174	0.29	cps
Rhodium	103-2	1934178	1899999	1963401	1932526	1.64	cps
Scandium	45-1	5060177	4993655	5034459	5029430	0.67	cps
Scandium	45-2	41000	38801	40064	39955	2.76	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	76	30	93	66	49.46	cps
Silicon	28-1	30356590	30069014	29739557	30055054	1.03	cps
Silver	109-1	10546	8236	7611	8798	17.57	cps
Silver	107-1	10996	9387	7953	9445	16.12	cps
Sodium	23-2	5026556	4980152	4970116	4992275	0.60	cps
Strontium	86-1	428969	431739	428955	429888	0.37	cps
Strontium	88-1	3720236	3732571	3710152	3720986	0.30	cps
Sulfur	34-1	541426	534751	524967	533715	1.55	cps
Terbium	159-1	7476740	7515251	7593426	7528472	0.79	cps
Terbium	159-2	1710817	1662857	1747266	1706980	2.48	cps
Thallium	203-1	5468	3376	2692	3845	37.61	cps
Thallium	205-1	11714	8170	6260	8715	31.76	cps
Tin	118-1	10229	10738	10538	10502	2.44	cps
Titanium	47-1	1425	1133	1425	1328	12.69	cps
Uranium	238-1	11631	12173	11564	11789	2.83	cps
Vanadium	51-2	1800	1820	1723	1781	2.87	cps
Yttrium	89-1	7486653	7541893	7475745	7501430	0.47	cps
Yttrium	89-2	238018	227450	236396	233954	2.43	cps
Zinc	66-2	490	450	433	458	6.36	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:23:24	DataFile Name :	022SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5143	4159	4301	4534	11.73	cps
Zirconium	91-1	1250	967	892	1036	18.24	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01DUP Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430DL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:26:44 DataFile Name : 023SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	233	175	186	22.98	cps
Antimony	121-1	8887	10972	12164	10674	15.54	cps
Arsenic	75-2	1733	1772	1830	1779	2.72	cps
Barium	135-1	156695	158068	166512	160425	3.31	cps
Barium	137-1	271456	279797	286150	279135	2.64	cps
Beryllium	9-1	72	83	100	85	16.41	cps
Bismuth	209-1	4496113	4819881	4980396	4765463	5.18	cps
Bismuth	209-2	1466529	1418611	1513928	1466356	3.25	cps
Boron	10-1	42890	45164	46635	44896	4.20	cps
Boron	11-1	207008	211718	217679	212135	2.52	cps
Cadmium	111-1	943	879	1055	959	9.28	cps
Cadmium	106-1	1183	1100	1325	1203	9.46	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	1219169	1241210	1262872	1241083	1.76	cps
Calcium	44-1	19485046	19782767	20008284	19758699	1.33	cps
Chromium	52-2	1443	1420	1437	1433	0.84	cps
Cobalt	59-2	3224	3060	3194	3159	2.75	cps
Copper	63-2	8029	8326	8289	8215	1.97	cps
Dysprosium	156-1	67	33	42	47	36.74	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	92	33	83	69	45.43	cps
Erbium	164-2	30	3	20	18	75.79	cps
Gadolinium	160-1	83	100	92	92	9.09	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	7775773	8056334	8408849	8080318	3.93	cps
Holmium	165-2	1919539	1841889	1978102	1913177	3.57	cps
Indium	115-1	7034125	7222753	7425633	7227504	2.71	cps
Indium	115-2	295490	280373	293893	289919	2.86	cps
Iron	56-2	114618	115144	112791	114184	1.08	cps
Iron	57-2	2850	2784	2856	2830	1.42	cps
Krypton	83-1	410	473	413	432	8.25	cps
Lead	206-1	1145	1145	1267	1185	5.95	cps
Lead	207-1	939	922	1045	969	6.84	cps
Lead	208-1	4445	4362	4523	4443	1.81	cps
Lithium	6-1	2717451	2865977	2877778	2820402	3.17	cps
Magnesium	24-2	198110	194454	188274	193612	2.57	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01DUP Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430DL Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:26:44 DataFile Name : 023SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113174	111017	108621	110937	2.05	cps
Molybdenum	94-1	3709	4051	4184	3981	6.16	cps
Molybdenum	95-1	5351	5426	6002	5593	6.36	cps
Molybdenum	96-1	5852	6527	6652	6343	6.79	cps
Molybdenum	97-1	3459	4176	3917	3851	9.43	cps
Molybdenum	98-1	8495	9028	9746	9090	6.91	cps
Neodymium	150-1	60	80	40	60	33.33	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	1273	1403	1317	1331	4.97	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	40493	39941	39047	39827	1.83	cps
Rhodium	103-1	6762825	6891084	7035018	6896309	1.97	cps
Rhodium	103-2	2018637	1915720	2006241	1980199	2.84	cps
Scandium	45-1	4931771	4982813	4963803	4959462	0.52	cps
Scandium	45-2	36798	34129	36494	35807	4.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	16	-75	-17	-25	-181.53	cps
Silicon	28-1	28829743	29321920	29059096	29070253	0.85	cps
Silver	109-1	3384	3684	5042	4037	21.89	cps
Silver	107-1	3276	4126	3809	3737	11.50	cps
Sodium	23-2	4670107	4597289	4495014	4587470	1.92	cps
Strontium	86-1	449995	459803	467880	459226	1.95	cps
Strontium	88-1	3845006	3989944	4069945	3968298	2.87	cps
Sulfur	34-1	496975	498888	498342	498068	0.20	cps
Terbium	159-1	8173156	8397379	8772993	8447843	3.59	cps
Terbium	159-2	1864576	1792442	1927121	1861380	3.62	cps
Thallium	203-1	567	475	633	558	14.24	cps
Thallium	205-1	1183	1650	1517	1450	16.58	cps
Tin	118-1	8228	8036	9187	8484	7.27	cps
Titanium	47-1	1267	1267	1308	1281	1.88	cps
Uranium	238-1	13525	14234	15310	14356	6.26	cps
Vanadium	51-2	1700	1817	1763	1760	3.32	cps
Yttrium	89-1	7575613	7904432	7967673	7815906	2.69	cps
Yttrium	89-2	230161	214717	228316	224398	3.76	cps
Zinc	66-2	520	587	553	553	6.02	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01DUP	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430DL	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:26:44	DataFile Name :	023SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2575	2409	2625	2536	4.47	cps
Zirconium	91-1	625	608	567	600	5.01	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	108	67	57.29	cps
Antimony	121-1	1909	2117	1859	1961	6.99	cps
Arsenic	75-2	339	350	331	340	2.74	cps
Barium	135-1	36293	36176	35816	36095	0.69	cps
Barium	137-1	61536	63638	62791	62655	1.69	cps
Beryllium	9-1	111	117	122	117	4.77	cps
Bismuth	209-1	5836840	5443436	5666555	5648944	3.49	cps
Bismuth	209-2	1650941	1645746	1689598	1662095	1.44	cps
Boron	10-1	11071	11146	11422	11213	1.64	cps
Boron	11-1	52431	52095	52556	52360	0.45	cps
Cadmium	111-1	826	921	926	891	6.31	cps
Cadmium	106-1	1133	1250	1250	1211	5.56	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	250869	256016	250361	252415	1.24	cps
Calcium	44-1	4101245	4089556	4155608	4115470	0.86	cps
Chromium	52-2	1073	933	903	970	9.35	cps
Cobalt	59-2	627	657	703	662	5.83	cps
Copper	63-2	3077	2814	3010	2967	4.62	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	8	25	92	42	105.84	cps
Gadolinium	160-2	17	17	13	16	12.40	cps
Holmium	165-1	9625594	9035356	9497787	9386246	3.31	cps
Holmium	165-2	2136788	2118837	2129958	2128528	0.43	cps
Indium	115-1	8425287	7985034	8312179	8240833	2.77	cps
Indium	115-2	324592	321391	321515	322500	0.56	cps
Iron	56-2	24383	25112	25212	24902	1.82	cps
Iron	57-2	628	644	656	643	2.18	cps
Krypton	83-1	397	393	340	377	8.44	cps
Lead	206-1	367	439	417	407	9.08	cps
Lead	207-1	394	267	339	333	19.22	cps
Lead	208-1	1656	1539	1561	1585	3.91	cps
Lithium	6-1	1923368	1880596	1932548	1912171	1.45	cps
Magnesium	24-2	39414	38888	39656	39319	1.00	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22472	22335	22655	22487	0.72	cps
Molybdenum	94-1	1208	1092	1408	1236	12.96	cps
Molybdenum	95-1	1417	1584	1750	1584	10.53	cps
Molybdenum	96-1	1692	1917	2117	1909	11.14	cps
Molybdenum	97-1	1100	1092	1358	1183	12.81	cps
Molybdenum	98-1	2342	2775	3050	2723	13.12	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	333	343	330	336	2.07	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	10438	9187	10329	9985	6.94	cps
Rhodium	103-1	8093090	7769285	8116907	7993094	2.43	cps
Rhodium	103-2	2206374	2196065	2202064	2201501	0.24	cps
Scandium	45-1	5431876	5071857	5389999	5297911	3.72	cps
Scandium	45-2	40432	39509	39629	39857	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-15	-14	48	6	596.28	cps
Silicon	28-1	6297447	6277519	6210079	6261682	0.73	cps
Silver	109-1	1258	1458	1383	1367	7.39	cps
Silver	107-1	1675	1508	1592	1592	5.24	cps
Sodium	23-2	932977	922795	939376	931716	0.90	cps
Strontium	86-1	99100	99805	99310	99405	0.36	cps
Strontium	88-1	860394	864325	856259	860326	0.47	cps
Sulfur	34-1	345110	341349	338834	341765	0.92	cps
Terbium	159-1	9881164	9377337	9952735	9737079	3.22	cps
Terbium	159-2	2088045	2070199	2082876	2080373	0.44	cps
Thallium	203-1	242	158	292	231	29.22	cps
Thallium	205-1	617	617	600	611	1.57	cps
Tin	118-1	1458	1775	2050	1761	16.81	cps
Titanium	47-1	275	300	425	333	24.11	cps
Uranium	238-1	3367	3026	3209	3201	5.34	cps
Vanadium	51-2	407	327	337	357	12.22	cps
Yttrium	89-1	8934285	8602333	9061270	8865963	2.67	cps
Yttrium	89-2	249291	248331	247565	248396	0.35	cps
Zinc	66-2	110	110	117	112	3.43	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01LX5	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430L	Dilution Factor :	5
Date & Time Acquired ::	2018-05-09 15:30:04	DataFile Name :	024SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733	975	1050	920	18.01	cps
Zirconium	91-1	183	192	158	178	9.76	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01MS Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430M Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:33:25 DataFile Name : 025SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16110	15968	16210	16096	0.76	cps
Antimony	121-1	3311275	3394938	3414568	3373594	1.63	cps
Arsenic	75-2	35919	36164	36543	36208	0.87	cps
Barium	135-1	3499047	3610447	3622007	3577167	1.90	cps
Barium	137-1	6114306	6338729	6370441	6274492	2.23	cps
Beryllium	9-1	503313	510473	507520	507102	0.71	cps
Bismuth	209-1	5478615	5714961	5741324	5644967	2.56	cps
Bismuth	209-2	1568052	1569389	1562836	1566759	0.22	cps
Boron	10-1	97119	100433	102288	99946	2.62	cps
Boron	11-1	439500	456843	465747	454030	2.94	cps
Cadmium	111-1	712051	738433	729794	726760	1.85	cps
Cadmium	106-1	73760	75420	75285	74822	1.23	cps
Cadmium	108-1	49098	50896	51201	50398	2.26	cps
Calcium	43-1	1973947	2011089	1982521	1989186	0.98	cps
Calcium	44-1	31890350	31725548	31450324	31688740	0.70	cps
Chromium	52-2	328012	326143	325920	326692	0.35	cps
Cobalt	59-2	703898	702396	703310	703201	0.11	cps
Copper	63-2	1234237	1237459	1231494	1234396	0.24	cps
Dysprosium	156-1	58	117	92	89	32.92	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	2809	2867	2959	2878	2.63	cps
Erbium	164-2	633	570	493	566	12.40	cps
Gadolinium	160-1	342	350	333	342	2.44	cps
Gadolinium	160-2	57	53	40	50	17.64	cps
Holmium	165-1	9193396	9521252	9656136	9456928	2.52	cps
Holmium	165-2	2049588	2040680	2016075	2035448	0.85	cps
Indium	115-1	7733203	7987575	7767231	7829336	1.76	cps
Indium	115-2	278647	277080	278670	278133	0.33	cps
Iron	56-2	10554613	10400666	10445456	10466912	0.76	cps
Iron	57-2	262619	263050	261665	262445	0.27	cps
Krypton	83-1	410	440	383	411	6.89	cps
Lead	206-1	1881755	1979022	1981621	1947466	2.92	cps
Lead	207-1	1706952	1807972	1821823	1778916	3.52	cps
Lead	208-1	7691993	7970830	8086376	7916400	2.56	cps
Lithium	6-1	2559561	2605727	2634489	2599926	1.45	cps
Magnesium	24-2	1316230	1308939	1309163	1311444	0.32	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01MS Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430M Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:33:25 DataFile Name : 025SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	251996	252942	252708	252549	0.20	cps
Molybdenum	94-1	5753904	5871050	5896696	5840550	1.30	cps
Molybdenum	95-1	7024315	7060062	7122748	7069042	0.70	cps
Molybdenum	96-1	7899661	7924710	7980585	7934985	0.52	cps
Molybdenum	97-1	4478663	4569651	4609317	4552544	1.47	cps
Molybdenum	98-1	11168583	11506848	11454085	11376505	1.60	cps
Neodymium	150-1	173	173	200	182	8.45	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	212678	213920	213835	213478	0.33	cps
Phosphorus	31-2	17	33	17	22	43.28	cps
Potassium	39-2	305296	300844	298816	301652	1.10	cps
Rhodium	103-1	7438702	7572931	7515506	7509046	0.90	cps
Rhodium	103-2	1965331	1949264	1952323	1955639	0.44	cps
Scandium	45-1	4898011	4979576	4911076	4929554	0.89	cps
Scandium	45-2	34690	34349	34319	34452	0.60	cps
Selenium	77-2	203	263	157	208	25.74	cps
Selenium	78-2	765	809	733	769	4.96	cps
Selenium	82-1	45203	46068	46285	45852	1.25	cps
Silicon	28-1	28004069	28676780	28240364	28307071	1.21	cps
Silver	109-1	3474168	3565233	3566886	3535429	1.50	cps
Silver	107-1	3710085	3763957	3780789	3751610	0.98	cps
Sodium	23-2	6694105	6683318	6590574	6655999	0.86	cps
Strontium	86-1	1376388	1406147	1400362	1394299	1.13	cps
Strontium	88-1	11808881	12099384	12021934	11976733	1.26	cps
Sulfur	34-1	486697	490172	482428	486433	0.80	cps
Terbium	159-1	9613955	9887559	9922384	9807966	1.72	cps
Terbium	159-2	1958277	1948602	1923872	1943584	0.91	cps
Thallium	203-1	2379359	2504247	2526899	2470168	3.22	cps
Thallium	205-1	5718165	5832836	5960259	5837087	2.07	cps
Tin	118-1	2183910	2270258	2239653	2231274	1.96	cps
Titanium	47-1	1920167	1971436	1932776	1941460	1.38	cps
Uranium	238-1	7027355	7395509	7544229	7322364	3.63	cps
Vanadium	51-2	230189	228944	230735	229956	0.40	cps
Yttrium	89-1	8243302	8554759	8398823	8398961	1.85	cps
Yttrium	89-2	221906	217161	213965	217677	1.84	cps
Zinc	66-2	94301	93073	93207	93527	0.72	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MS	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:33:25	DataFile Name :	025SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4958944	5046133	5016383	5007153	0.89	cps
Zirconium	91-1	1082026	1112551	1115164	1103247	1.67	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : J2744-01MSD Instrumnet Name : P8
 Client Sample ID : ST006MW015-180430M9 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 15:36:37 DataFile Name : 026SMPL_P8050918- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16093	16293	16602	16329	1.57	cps
Antimony	121-1	3535974	3575849	3620836	3577553	1.19	cps
Arsenic	75-2	36353	37014	37274	36881	1.29	cps
Barium	135-1	3762684	3846091	3854743	3821173	1.33	cps
Barium	137-1	6629358	6709542	6667577	6668825	0.60	cps
Beryllium	9-1	517472	521347	521934	520251	0.47	cps
Bismuth	209-1	5850423	6053952	5931294	5945223	1.72	cps
Bismuth	209-2	1574441	1580790	1427893	1527708	5.66	cps
Boron	10-1	100702	104838	103204	102915	2.02	cps
Boron	11-1	453103	468278	468223	463201	1.89	cps
Cadmium	111-1	760713	769211	778575	769500	1.16	cps
Cadmium	106-1	78462	79527	79928	79305	0.96	cps
Cadmium	108-1	53870	53606	54410	53962	0.76	cps
Calcium	43-1	2030604	2031993	2014839	2025812	0.47	cps
Calcium	44-1	31606156	31833644	31791248	31743683	0.38	cps
Chromium	52-2	329347	333185	332727	331753	0.63	cps
Cobalt	59-2	710978	711664	724149	715597	1.04	cps
Copper	63-2	1251066	1253971	1269805	1258281	0.80	cps
Dysprosium	156-1	167	117	175	153	20.65	cps
Dysprosium	156-2	7	23	10	13	66.12	cps
Erbium	164-1	3100	3276	3126	3167	2.99	cps
Erbium	164-2	547	627	597	590	6.85	cps
Gadolinium	160-1	317	325	333	325	2.56	cps
Gadolinium	160-2	60	50	57	56	9.17	cps
Holmium	165-1	9920928	10223605	10045142	10063225	1.51	cps
Holmium	165-2	1986664	2037197	1807917	1943926	6.20	cps
Indium	115-1	8039551	8057397	8175935	8090961	0.92	cps
Indium	115-2	275513	273240	247027	265260	5.97	cps
Iron	56-2	10606897	10552313	10605014	10588075	0.29	cps
Iron	57-2	264284	265971	266638	265631	0.46	cps
Krypton	83-1	387	360	430	392	9.01	cps
Lead	206-1	2106367	2112708	2106490	2108522	0.17	cps
Lead	207-1	1897485	1942937	1928359	1922927	1.21	cps
Lead	208-1	8475310	8692717	8682035	8616688	1.42	cps
Lithium	6-1	2431079	2459556	2447046	2445894	0.58	cps
Magnesium	24-2	1305443	1317101	1315370	1312638	0.48	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MSD	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M9	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:36:37	DataFile Name :	026SMPL_P8050918- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	252505	252335	255511	253450	0.70	cps
Molybdenum	94-1	6051262	6102594	6180065	6111307	1.06	cps
Molybdenum	95-1	7365469	7373636	7408398	7382501	0.31	cps
Molybdenum	96-1	8232952	8356090	8355777	8314940	0.85	cps
Molybdenum	97-1	4715189	4793081	4782636	4763635	0.89	cps
Molybdenum	98-1	11875037	11946949	12006600	11942862	0.55	cps
Neodymium	150-1	127	180	167	158	17.59	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	217057	217497	219029	217861	0.48	cps
Phosphorus	31-2	25	25	25	25	0.00	cps
Potassium	39-2	302812	300230	305680	302907	0.90	cps
Rhodium	103-1	7609790	7720432	7750462	7693561	0.96	cps
Rhodium	103-2	1968952	1963119	1781127	1904400	5.61	cps
Scandium	45-1	4885148	4881048	4765614	4843937	1.40	cps
Scandium	45-2	33169	33677	30320	32389	5.59	cps
Selenium	77-2	230	177	230	212	14.51	cps
Selenium	78-2	746	659	693	699	6.28	cps
Selenium	82-1	47315	47904	48558	47926	1.30	cps
Silicon	28-1	28210593	28229670	27827184	28089149	0.81	cps
Silver	109-1	3701298	3733074	3694142	3709505	0.56	cps
Silver	107-1	3921468	3919094	3987174	3942579	0.98	cps
Sodium	23-2	6731343	6692952	6804358	6742884	0.84	cps
Strontium	86-1	1455571	1481013	1472777	1469787	0.88	cps
Strontium	88-1	12467438	12553936	12538064	12519813	0.37	cps
Sulfur	34-1	482521	486295	479168	482661	0.74	cps
Terbium	159-1	10213341	10539814	10565262	10439472	1.88	cps
Terbium	159-2	1964703	1947906	1752095	1888235	6.26	cps
Thallium	203-1	2663686	2746894	2747838	2719472	1.78	cps
Thallium	205-1	6328645	6477362	6421159	6409055	1.17	cps
Tin	118-1	2371456	2350432	2392161	2371350	0.88	cps
Titanium	47-1	1972303	1943472	1941759	1952511	0.88	cps
Uranium	238-1	7928918	8167505	8145698	8080707	1.63	cps
Vanadium	51-2	231324	233656	235594	233525	0.92	cps
Yttrium	89-1	8469189	8510308	8566041	8515179	0.57	cps
Yttrium	89-2	213420	214142	194287	207283	5.43	cps
Zinc	66-2	95549	95106	95519	95391	0.26	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01MSD	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430M	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:36:37	DataFile Name :	026SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5212862	5212517	5176154	5200511	0.41	cps
Zirconium	91-1	1141167	1150634	1159900	1150567	0.81	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01A	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:39:50	DataFile Name :	027SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14992	15609	15451	15351	2.09	cps
Antimony	121-1	3546887	3550323	3555562	3550924	0.12	cps
Arsenic	75-2	35833	35884	35638	35785	0.36	cps
Barium	135-1	3721666	3786644	3837747	3782019	1.54	cps
Barium	137-1	6492750	6633510	6592862	6573041	1.10	cps
Beryllium	9-1	513567	512035	508958	511520	0.46	cps
Bismuth	209-1	5933029	6123777	6038670	6031825	1.58	cps
Bismuth	209-2	1564272	1454683	1576304	1531753	4.38	cps
Boron	10-1	98462	100517	105208	101396	3.41	cps
Boron	11-1	442323	457577	461267	453722	2.21	cps
Cadmium	111-1	757248	768082	764281	763204	0.72	cps
Cadmium	106-1	77724	80021	79090	78945	1.46	cps
Cadmium	108-1	53427	53723	55853	54334	2.44	cps
Calcium	43-1	1949071	1998915	2003093	1983693	1.52	cps
Calcium	44-1	31441638	31517575	31497982	31485732	0.13	cps
Chromium	52-2	323393	325769	323207	324123	0.44	cps
Cobalt	59-2	701201	697311	701251	699921	0.32	cps
Copper	63-2	1234199	1243475	1229115	1235596	0.59	cps
Dysprosium	156-1	92	117	133	114	18.41	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	3209	3042	3317	3189	4.34	cps
Erbium	164-2	543	630	567	580	7.73	cps
Gadolinium	160-1	392	383	342	372	7.20	cps
Gadolinium	160-2	80	67	80	76	10.19	cps
Holmium	165-1	9922465	10162068	10197055	10093863	1.48	cps
Holmium	165-2	2003402	1869847	2007455	1960234	3.99	cps
Indium	115-1	7993779	8121221	8153424	8089475	1.04	cps
Indium	115-2	269201	251388	271072	263887	4.12	cps
Iron	56-2	10449785	10319479	10261731	10343665	0.93	cps
Iron	57-2	262954	259880	259466	260767	0.73	cps
Krypton	83-1	383	433	343	387	11.66	cps
Lead	206-1	2124269	2131368	2151676	2135771	0.67	cps
Lead	207-1	1904702	1967499	1965376	1945859	1.83	cps
Lead	208-1	8550310	8727819	8776393	8684841	1.37	cps
Lithium	6-1	2261009	2301097	2319621	2293909	1.31	cps
Magnesium	24-2	1290384	1297931	1278483	1288933	0.76	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01A	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:39:50	DataFile Name :	027SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246386	246981	244048	245805	0.63	cps
Molybdenum	94-1	5945675	6116380	6088391	6050149	1.51	cps
Molybdenum	95-1	7316209	7319634	7404320	7346721	0.68	cps
Molybdenum	96-1	8172446	8183971	8309577	8221998	0.93	cps
Molybdenum	97-1	4598395	4714712	4733527	4682212	1.56	cps
Molybdenum	98-1	11546179	11706958	11802308	11685148	1.11	cps
Neodymium	150-1	187	220	207	204	8.21	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	215399	213436	214777	214537	0.47	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	292024	291437	292001	291821	0.11	cps
Rhodium	103-1	7520207	7664120	7744460	7642929	1.49	cps
Rhodium	103-2	1933536	1826186	1928532	1896084	3.20	cps
Scandium	45-1	4832320	4848647	4851908	4844292	0.22	cps
Scandium	45-2	32845	30457	32825	32042	4.29	cps
Selenium	77-2	220	233	173	209	15.08	cps
Selenium	78-2	756	720	735	737	2.40	cps
Selenium	82-1	46752	47318	47634	47235	0.95	cps
Silicon	28-1	27557568	27776686	27805283	27713179	0.49	cps
Silver	109-1	3721199	3764600	3739534	3741777	0.58	cps
Silver	107-1	3872822	3921108	3942992	3912307	0.92	cps
Sodium	23-2	6585648	6593895	6508582	6562708	0.72	cps
Strontium	86-1	1436750	1453724	1457405	1449293	0.76	cps
Strontium	88-1	12460473	12397480	12397560	12418505	0.29	cps
Sulfur	34-1	481800	479936	477185	479640	0.48	cps
Terbium	159-1	10389664	10607843	10697370	10564959	1.50	cps
Terbium	159-2	1910114	1814535	1922658	1882436	3.14	cps
Thallium	203-1	2691129	2764455	2759216	2738267	1.49	cps
Thallium	205-1	6340091	6394054	6449616	6394587	0.86	cps
Tin	118-1	2350325	2336753	2381179	2356086	0.97	cps
Titanium	47-1	1907507	1947720	1955376	1936867	1.33	cps
Uranium	238-1	7999653	8161165	8207329	8122716	1.34	cps
Vanadium	51-2	227694	229506	228342	228514	0.40	cps
Yttrium	89-1	8409209	8574663	8599051	8527641	1.21	cps
Yttrium	89-2	209494	196466	209475	205145	3.66	cps
Zinc	66-2	91029	93123	92190	92114	1.14	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-01A	Instrumnet Name :	P8
Client Sample ID :	ST006MW015-180430A	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:39:50	DataFile Name :	027SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5090710	5144200	5204993	5146634	1.11	cps
Zirconium	91-1	1135832	1145479	1148681	1143331	0.59	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273132	275904	272822	273953	0.62	cps
Antimony	121-1	3808173	3855535	3856002	3839903	0.72	cps
Arsenic	75-2	43082	43546	43147	43258	0.58	cps
Barium	135-1	3918277	3949922	3899402	3922534	0.65	cps
Barium	137-1	6840434	6858511	6782448	6827131	0.58	cps
Beryllium	9-1	616064	614117	619920	616700	0.48	cps
Bismuth	209-1	5727836	5663746	5658553	5683378	0.68	cps
Bismuth	209-2	1737624	1721231	1686836	1715230	1.51	cps
Boron	10-1	74074	75080	78196	75783	2.84	cps
Boron	11-1	338707	351250	355491	348483	2.50	cps
Cadmium	111-1	829202	823880	832075	828385	0.50	cps
Cadmium	106-1	87719	87391	86813	87307	0.53	cps
Cadmium	108-1	59155	57957	57882	58331	1.22	cps
Calcium	43-1	4939645	4872912	4899785	4904114	0.68	cps
Calcium	44-1	78302008	78050775	78772864	78375216	0.47	cps
Chromium	52-2	413524	411818	412160	412501	0.22	cps
Cobalt	59-2	835415	835198	833388	834667	0.13	cps
Copper	63-2	1446666	1441905	1444291	1444287	0.16	cps
Dysprosium	156-1	67	67	83	72	13.33	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	10062436	9957784	9999583	10006601	0.53	cps
Holmium	165-2	2320052	2322932	2297524	2313502	0.60	cps
Indium	115-1	8731080	8732002	8665623	8709568	0.44	cps
Indium	115-2	343832	341209	338493	341178	0.78	cps
Iron	56-2	64055650	63295449	63455104	63602068	0.63	cps
Iron	57-2	1621056	1629646	1614993	1621899	0.45	cps
Krypton	83-1	480	443	377	433	12.09	cps
Lead	206-1	2036169	2044088	2016626	2032295	0.70	cps
Lead	207-1	1881418	1833404	1845365	1853396	1.35	cps
Lead	208-1	8331336	8269112	8227936	8276128	0.63	cps
Lithium	6-1	1588817	1605968	1590691	1595159	0.59	cps
Magnesium	24-2	6933540	6982777	6930412	6948909	0.42	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	206877	206168	203874	205640	0.76	cps
Molybdenum	94-1	6916016	6901900	6914583	6910833	0.11	cps
Molybdenum	95-1	8545994	8529310	8444799	8506701	0.64	cps
Molybdenum	96-1	9592957	9591968	9397737	9527554	1.18	cps
Molybdenum	97-1	5409208	5409129	5399180	5405839	0.11	cps
Molybdenum	98-1	13693064	13666221	13711426	13690237	0.17	cps
Neodymium	150-1	140	147	193	160	18.16	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	251028	252038	251437	251501	0.20	cps
Phosphorus	31-2	3609	3709	3601	3640	1.66	cps
Potassium	39-2	1837897	1828449	1829967	1832104	0.28	cps
Rhodium	103-1	8270663	8200888	8280683	8250745	0.53	cps
Rhodium	103-2	2235654	2242449	2227139	2235081	0.34	cps
Scandium	45-1	5862726	5805982	5853687	5840798	0.52	cps
Scandium	45-2	42712	43267	43491	43156	0.93	cps
Selenium	77-2	257	330	250	279	15.92	cps
Selenium	78-2	1017	928	841	928	9.47	cps
Selenium	82-1	53877	53186	54010	53691	0.82	cps
Silicon	28-1	1961220	1967014	1955060	1961098	0.30	cps
Silver	109-1	3980866	3973624	3929994	3961495	0.69	cps
Silver	107-1	4175475	4134701	4157107	4155761	0.49	cps
Sodium	23-2	16838589	16904875	16818649	16854038	0.27	cps
Strontium	86-1	1116599	1112139	1113243	1113994	0.21	cps
Strontium	88-1	9621423	9642577	9551744	9605248	0.49	cps
Sulfur	34-1	634158	635993	634027	634726	0.17	cps
Terbium	159-1	10624801	10510418	10429019	10521413	0.93	cps
Terbium	159-2	2236532	2256220	2237643	2243465	0.49	cps
Thallium	203-1	2544576	2562326	2574650	2560517	0.59	cps
Thallium	205-1	6035983	6007385	5991330	6011566	0.38	cps
Tin	118-1	2669207	2676191	2653055	2666151	0.45	cps
Titanium	47-1	2460112	2433189	2458299	2450533	0.61	cps
Uranium	238-1	7622023	7515195	7482700	7539973	0.97	cps
Vanadium	51-2	290138	289021	288386	289181	0.31	cps
Yttrium	89-1	9666093	9708119	9718584	9697599	0.29	cps
Yttrium	89-2	273223	272688	271400	272437	0.34	cps
Zinc	66-2	118057	117929	117371	117786	0.31	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P8
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:52:21	DataFile Name :	029CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5813667	5904450	5897463	5871860	0.86	cps
Zirconium	91-1	1290792	1303540	1293419	1295917	0.52	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	17	25	88.19	cps
Antimony	121-1	8695	9604	10513	9604	9.47	cps
Arsenic	75-2	17	28	11	19	45.83	cps
Barium	135-1	133	83	50	89	47.19	cps
Barium	137-1	133	100	108	114	15.23	cps
Beryllium	9-1	133	144	183	154	17.08	cps
Bismuth	209-1	8332018	6759240	6222916	7104725	15.43	cps
Bismuth	209-2	1932417	1919183	1904681	1918761	0.72	cps
Boron	10-1	2909	2975	3084	2989	2.96	cps
Boron	11-1	13999	13332	13649	13660	2.44	cps
Cadmium	111-1	1526	1271	1292	1363	10.40	cps
Cadmium	106-1	2084	1700	1750	1845	11.30	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Calcium	43-1	558	667	633	619	8.96	cps
Calcium	44-1	29783	28772	29891	29482	2.09	cps
Chromium	52-2	903	843	817	854	5.20	cps
Cobalt	59-2	57	37	50	48	21.31	cps
Copper	63-2	1290	1297	1287	1291	0.39	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	83	25	47	66.82	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	13913605	11092624	10317144	11774458	16.07	cps
Holmium	165-2	2338279	2339196	2306373	2327950	0.80	cps
Indium	115-1	12304355	9783747	9306873	10464992	15.39	cps
Indium	115-2	355050	357562	347509	353374	1.48	cps
Iron	56-2	2923	2889	2739	2850	3.43	cps
Iron	57-2	72	78	78	76	4.23	cps
Krypton	83-1	377	373	410	387	5.24	cps
Lead	206-1	517	550	367	478	20.44	cps
Lead	207-1	394	306	350	350	12.70	cps
Lead	208-1	1961	1772	1539	1758	12.04	cps
Lithium	6-1	2209771	1765390	1666531	1880564	15.39	cps
Magnesium	24-2	192	217	242	217	11.54	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	27	53	40	33.33	cps
Molybdenum	94-1	2609	2559	3242	2803	13.59	cps
Molybdenum	95-1	3159	3534	4651	3781	20.53	cps
Molybdenum	96-1	4018	4259	5360	4545	15.74	cps
Molybdenum	97-1	2042	2384	3142	2523	22.32	cps
Molybdenum	98-1	5235	5810	7602	6216	19.87	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	110	127	118	7.12	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2525	2675	2709	2636	3.70	cps
Rhodium	103-1	11779794	9551215	8870323	10067110	15.12	cps
Rhodium	103-2	2367285	2374291	2345454	2362343	0.64	cps
Scandium	45-1	7851508	6209882	5838820	6633403	16.15	cps
Scandium	45-2	41444	42257	40522	41408	2.10	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-41	2	-32	-24	-95.59	cps
Silicon	28-1	325477	329642	328162	327760	0.64	cps
Silver	109-1	633	633	725	664	7.97	cps
Silver	107-1	775	817	600	731	15.74	cps
Sodium	23-2	9612	9529	9704	9615	0.91	cps
Strontium	86-1	508	608	558	558	8.96	cps
Strontium	88-1	358	250	242	283	22.97	cps
Sulfur	34-1	332222	339404	345833	339153	2.01	cps
Terbium	159-1	14409300	11649522	10714634	12257819	15.67	cps
Terbium	159-2	2248532	2275431	2244799	2256254	0.74	cps
Thallium	203-1	792	775	883	817	7.14	cps
Thallium	205-1	2067	1700	1692	1820	11.77	cps
Tin	118-1	2192	1900	2175	2089	7.84	cps
Titanium	47-1	292	275	192	253	21.19	cps
Uranium	238-1	233	258	250	247	5.15	cps
Vanadium	51-2	33	13	13	20	57.74	cps
Yttrium	89-1	13096406	10514854	10030760	11214007	14.70	cps
Yttrium	89-2	266087	268051	262931	265689	0.97	cps
Zinc	66-2	167	170	177	171	2.98	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P8
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 15:57:31	DataFile Name :	030CCBE_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1925	1742	1575	1747	10.02	cps
Zirconium	91-1	433	425	308	389	17.97	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	217	175	175	23.81	cps
Antimony	121-1	18055	21885	26745	22228	19.59	cps
Arsenic	75-2	185	180	202	189	6.12	cps
Barium	135-1	80930	82867	83758	82519	1.75	cps
Barium	137-1	142091	147227	147398	145572	2.07	cps
Beryllium	9-1	150	161	172	161	6.90	cps
Bismuth	209-1	5676845	5896128	5801957	5791643	1.90	cps
Bismuth	209-2	1594724	1587839	1604624	1595729	0.53	cps
Boron	10-1	56111	57224	58161	57165	1.79	cps
Boron	11-1	261510	266218	268213	265314	1.30	cps
Cadmium	111-1	1279	1276	1109	1221	7.96	cps
Cadmium	106-1	1283	1267	1175	1242	4.70	cps
Cadmium	108-1	46	21	25	31	43.84	cps
Calcium	43-1	1386571	1395369	1379117	1387019	0.59	cps
Calcium	44-1	22006351	22023543	21939770	21989888	0.20	cps
Chromium	52-2	1127	1133	1160	1140	1.55	cps
Cobalt	59-2	150	180	137	156	14.27	cps
Copper	63-2	5011	5238	5034	5094	2.45	cps
Dysprosium	156-1	117	58	58	78	43.30	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	50	33	92	58	51.51	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	25	150	125	100	66.15	cps
Gadolinium	160-2	30	3	17	17	80.01	cps
Holmium	165-1	9241697	9585620	9636177	9487831	2.26	cps
Holmium	165-2	2014651	2003050	2018164	2011955	0.39	cps
Indium	115-1	7890391	8025405	8137103	8017633	1.54	cps
Indium	115-2	282216	280239	282023	281493	0.39	cps
Iron	56-2	12968	12912	12717	12866	1.02	cps
Iron	57-2	400	350	406	385	7.94	cps
Krypton	83-1	420	407	353	393	8.97	cps
Lead	206-1	1439	1456	1272	1389	7.30	cps
Lead	207-1	1228	1128	1139	1165	4.71	cps
Lead	208-1	5867	5506	5078	5484	7.20	cps
Lithium	6-1	1932035	2072477	2152646	2052386	5.44	cps
Magnesium	24-2	249130	245189	240504	244941	1.76	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3527	3414	3481	3474	1.64	cps
Molybdenum	94-1	5335	5351	5460	5382	1.26	cps
Molybdenum	95-1	3492	3909	4701	4034	15.22	cps
Molybdenum	96-1	4334	4918	6035	5096	16.96	cps
Molybdenum	97-1	2017	2675	3226	2639	22.93	cps
Molybdenum	98-1	5543	6702	7936	6727	17.79	cps
Neodymium	150-1	53	60	93	69	31.11	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	927	910	943	927	1.80	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	23187	22561	22778	22842	1.39	cps
Rhodium	103-1	7507647	7624899	7503786	7545444	0.91	cps
Rhodium	103-2	1987838	1966654	1983425	1979306	0.56	cps
Scandium	45-1	4818820	4878557	4832169	4843182	0.65	cps
Scandium	45-2	33126	33677	33440	33414	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	107	90	208	135	47.47	cps
Silicon	28-1	30745625	30798167	30492420	30678737	0.53	cps
Silver	109-1	5751	4543	3626	4640	22.98	cps
Silver	107-1	6193	4959	4092	5082	20.78	cps
Sodium	23-2	5688379	5646865	5554012	5629752	1.22	cps
Strontium	86-1	629723	639705	628929	632786	0.95	cps
Strontium	88-1	5461342	5489700	5458164	5469735	0.32	cps
Sulfur	34-1	551085	548633	539972	546563	1.07	cps
Terbium	159-1	9779802	9942753	10112879	9945145	1.67	cps
Terbium	159-2	1976459	1939058	1959057	1958191	0.96	cps
Thallium	203-1	1959	1792	1734	1828	6.39	cps
Thallium	205-1	4993	4118	3826	4312	14.09	cps
Tin	118-1	28124	26051	25425	26534	5.32	cps
Titanium	47-1	1292	1467	1292	1350	7.48	cps
Uranium	238-1	18181	19817	19842	19280	4.94	cps
Vanadium	51-2	3064	2910	2884	2953	3.29	cps
Yttrium	89-1	8251727	8427449	8360926	8346700	1.06	cps
Yttrium	89-2	215208	215259	215695	215387	0.12	cps
Zinc	66-2	207	287	213	236	18.84	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-02	Instrumnet Name :	P8
Client Sample ID :	ST008RW258-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:00:51	DataFile Name :	031SMPL_P8050918- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9112	8194	6777	8028	14.65	cps
Zirconium	91-1	2059	1767	1742	1856	9.49	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	167	217	169	27.09	cps
Antimony	121-1	8612	9395	9729	9245	6.20	cps
Arsenic	75-2	61	63	57	60	4.67	cps
Barium	135-1	142729	144642	147641	145004	1.71	cps
Barium	137-1	252845	254700	256736	254760	0.76	cps
Beryllium	9-1	117	106	172	131	27.17	cps
Bismuth	209-1	5968455	6159888	6030362	6052902	1.61	cps
Bismuth	209-2	1532168	1601838	1623366	1585790	3.01	cps
Boron	10-1	26567	28805	27794	27722	4.04	cps
Boron	11-1	122494	127750	127765	126003	2.41	cps
Cadmium	111-1	1189	1089	1025	1101	7.51	cps
Cadmium	106-1	1559	1400	1300	1420	9.18	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	1755172	1784285	1805405	1781621	1.42	cps
Calcium	44-1	27980205	28138999	28537583	28218929	1.02	cps
Chromium	52-2	27844	28212	28262	28106	0.81	cps
Cobalt	59-2	577	547	600	574	4.65	cps
Copper	63-2	6402	6448	6435	6428	0.37	cps
Dysprosium	156-1	83	92	92	89	5.41	cps
Dysprosium	156-2	33	23	27	28	18.33	cps
Erbium	164-1	142	175	67	128	43.42	cps
Erbium	164-2	33	43	37	38	13.48	cps
Gadolinium	160-1	125	117	133	125	6.67	cps
Gadolinium	160-2	37	43	47	42	12.06	cps
Holmium	165-1	9806579	10067158	10057748	9977162	1.48	cps
Holmium	165-2	1882780	2001205	2015045	1966343	3.70	cps
Indium	115-1	8157705	8206636	8250800	8205047	0.57	cps
Indium	115-2	267338	278346	278863	274849	2.37	cps
Iron	56-2	161565	160614	160075	160751	0.47	cps
Iron	57-2	4034	3967	4101	4034	1.65	cps
Krypton	83-1	387	450	360	399	11.59	cps
Lead	206-1	811	756	895	820	8.52	cps
Lead	207-1	939	717	689	782	17.53	cps
Lead	208-1	3556	3395	3423	3458	2.49	cps
Lithium	6-1	2024918	2103378	2086025	2071440	1.99	cps
Magnesium	24-2	132706	132411	131008	132042	0.69	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2167	2187	2077	2144	2.73	cps
Molybdenum	94-1	2842	2842	3184	2956	6.67	cps
Molybdenum	95-1	2600	3009	3417	3009	13.58	cps
Molybdenum	96-1	2809	3767	3609	3395	15.14	cps
Molybdenum	97-1	1725	1875	2284	1961	14.74	cps
Molybdenum	98-1	4026	4376	4976	4459	10.78	cps
Neodymium	150-1	140	127	140	136	5.68	cps
Neodymium	150-2	23	7	10	13	66.12	cps
Nickel	60-2	2287	2294	2344	2308	1.34	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	33098	33257	32330	32895	1.51	cps
Rhodium	103-1	7827906	7834211	7716529	7792882	0.85	cps
Rhodium	103-2	1911186	1962992	1971284	1948488	1.67	cps
Scandium	45-1	4806342	4829511	4854885	4830246	0.50	cps
Scandium	45-2	31262	32681	33260	32401	3.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	138	64	165	122	42.93	cps
Silicon	28-1	21044716	21379681	21572009	21332135	1.25	cps
Silver	109-1	1592	1659	1650	1634	2.22	cps
Silver	107-1	1667	1759	1809	1745	4.12	cps
Sodium	23-2	2590647	2605522	2586166	2594111	0.39	cps
Strontium	86-1	519163	526765	530214	525381	1.08	cps
Strontium	88-1	4584571	4639643	4553344	4592519	0.95	cps
Sulfur	34-1	530460	532494	536206	533054	0.55	cps
Terbium	159-1	10271256	10443454	10393952	10369554	0.85	cps
Terbium	159-2	1858155	1943624	1935423	1912401	2.47	cps
Thallium	203-1	517	583	692	597	14.79	cps
Thallium	205-1	1525	1392	1267	1395	9.27	cps
Tin	118-1	15994	16953	16527	16491	2.92	cps
Titanium	47-1	1192	1067	1284	1181	9.22	cps
Uranium	238-1	15869	16136	16595	16200	2.27	cps
Vanadium	51-2	737	760	947	814	14.13	cps
Yttrium	89-1	8422611	8524350	8458153	8468371	0.61	cps
Yttrium	89-2	203613	208804	211221	207879	1.87	cps
Zinc	66-2	237	257	250	248	4.11	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-03	Instrumnet Name :	P8
Client Sample ID :	SS037TW143-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:04:10	DataFile Name :	032SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3351	3351	3576	3426	3.80	cps
Zirconium	91-1	692	925	783	800	14.70	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	158	42	86	73.27	cps
Antimony	121-1	7686	8195	9412	8431	10.52	cps
Arsenic	75-2	1708	1667	1719	1698	1.61	cps
Barium	135-1	522870	521415	523226	522504	0.18	cps
Barium	137-1	910354	917482	920089	915975	0.55	cps
Beryllium	9-1	83	106	128	106	21.05	cps
Bismuth	209-1	6028922	6125512	6159310	6104581	1.11	cps
Bismuth	209-2	1599488	1599560	1603028	1600692	0.13	cps
Boron	10-1	33356	35862	35946	35055	4.20	cps
Boron	11-1	156059	157623	162014	158565	1.95	cps
Cadmium	111-1	976	1021	1082	1026	5.17	cps
Cadmium	106-1	1283	1358	1425	1356	5.23	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	1213914	1221908	1258557	1231460	1.93	cps
Calcium	44-1	19716311	19505553	19720004	19647289	0.62	cps
Chromium	52-2	1043	1073	1097	1071	2.50	cps
Cobalt	59-2	7359	7636	7262	7419	2.61	cps
Copper	63-2	4884	5014	4898	4932	1.45	cps
Dysprosium	156-1	50	0	8	19	137.78	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	108	17	50	58	79.54	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	9987696	10078039	10006926	10024220	0.47	cps
Holmium	165-2	1989736	1998147	1982109	1989997	0.40	cps
Indium	115-1	8258851	8285394	8293319	8279188	0.22	cps
Indium	115-2	278180	276213	273143	275845	0.92	cps
Iron	56-2	1392551	1411812	1400101	1401488	0.69	cps
Iron	57-2	34365	34721	34733	34607	0.60	cps
Krypton	83-1	343	400	383	376	7.75	cps
Lead	206-1	3184	3156	3289	3210	2.19	cps
Lead	207-1	2784	2700	2984	2823	5.16	cps
Lead	208-1	12692	12458	13109	12753	2.58	cps
Lithium	6-1	1941918	1934878	1906433	1927743	0.97	cps
Magnesium	24-2	149109	148501	150243	149285	0.59	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1012353	1018800	1013994	1015049	0.33	cps
Molybdenum	94-1	6535	7561	7753	7283	8.99	cps
Molybdenum	95-1	10763	10980	12098	11280	6.35	cps
Molybdenum	96-1	11655	13024	12565	12414	5.61	cps
Molybdenum	97-1	6877	7086	7469	7144	4.20	cps
Molybdenum	98-1	18163	19089	17879	18377	3.44	cps
Neodymium	150-1	40	53	73	56	30.20	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2560	2377	2387	2441	4.22	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	31411	31837	30267	31172	2.60	cps
Rhodium	103-1	7641729	7807886	7788727	7746114	1.17	cps
Rhodium	103-2	2000713	1981478	1979732	1987308	0.59	cps
Scandium	45-1	4769631	4751518	4761656	4760935	0.19	cps
Scandium	45-2	32702	32879	32237	32606	1.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	84	46	22	50	62.29	cps
Silicon	28-1	25093212	24629359	25023325	24915298	1.00	cps
Silver	109-1	1192	1183	1183	1186	0.41	cps
Silver	107-1	1450	1392	1008	1283	18.70	cps
Sodium	23-2	3078384	3142144	3097922	3106150	1.05	cps
Strontium	86-1	518373	525909	528593	524292	1.01	cps
Strontium	88-1	4522345	4570990	4578772	4557369	0.67	cps
Sulfur	34-1	464790	460427	460758	461992	0.53	cps
Terbium	159-1	10448566	10506996	10623210	10526257	0.84	cps
Terbium	159-2	1947375	1938932	1938248	1941518	0.26	cps
Thallium	203-1	883	833	783	833	6.00	cps
Thallium	205-1	1942	1850	1975	1922	3.37	cps
Tin	118-1	13299	13491	13674	13488	1.39	cps
Titanium	47-1	992	1108	950	1017	8.07	cps
Uranium	238-1	14484	13750	14493	14242	2.99	cps
Vanadium	51-2	1957	2114	2024	2031	3.87	cps
Yttrium	89-1	8382023	8484571	8455128	8440574	0.63	cps
Yttrium	89-2	212357	208206	209084	209882	1.04	cps
Zinc	66-2	1593	1700	1507	1600	6.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-04	Instrumnet Name :	P8
Client Sample ID :	ST006RW153-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:07:29	DataFile Name :	033SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1984	1992	2034	2003	1.34	cps
Zirconium	91-1	483	467	383	444	12.05	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	158	125	24.04	cps
Antimony	121-1	7411	8620	8528	8186	8.22	cps
Arsenic	75-2	1563	1478	1500	1514	2.92	cps
Barium	135-1	178160	181513	181005	180226	1.00	cps
Barium	137-1	312579	314663	315969	314404	0.54	cps
Beryllium	9-1	122	89	117	109	16.35	cps
Bismuth	209-1	6064785	6122527	6123530	6103614	0.55	cps
Bismuth	209-2	1595122	1589570	1578892	1587861	0.52	cps
Boron	10-1	39029	40826	40450	40101	2.36	cps
Boron	11-1	178218	182577	188205	183000	2.74	cps
Cadmium	111-1	1065	913	958	979	7.94	cps
Cadmium	106-1	1417	1200	1250	1289	8.80	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	1109451	1110314	1102104	1107290	0.41	cps
Calcium	44-1	17664536	17665492	17551798	17627275	0.37	cps
Chromium	52-2	1367	1233	1153	1251	8.61	cps
Cobalt	59-2	2760	2717	2900	2793	3.43	cps
Copper	63-2	7025	6648	7415	7030	5.46	cps
Dysprosium	156-1	50	67	75	64	19.93	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	83	33	83	67	43.30	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	37	23	7	22	67.63	cps
Holmium	165-1	10014600	9999064	10024640	10012768	0.13	cps
Holmium	165-2	2020263	1980227	1974780	1991757	1.25	cps
Indium	115-1	8138896	8229051	8205362	8191103	0.57	cps
Indium	115-2	273449	272404	272350	272734	0.23	cps
Iron	56-2	97841	98647	98378	98289	0.42	cps
Iron	57-2	2450	2367	2556	2458	3.85	cps
Krypton	83-1	347	393	380	373	6.44	cps
Lead	206-1	583	744	778	702	14.82	cps
Lead	207-1	761	606	639	669	12.25	cps
Lead	208-1	2928	2834	2972	2911	2.44	cps
Lithium	6-1	1811936	1861001	1815399	1829445	1.50	cps
Magnesium	24-2	160489	162602	158189	160427	1.38	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	91064	91356	91511	91310	0.25	cps
Molybdenum	94-1	3301	3734	3867	3634	8.16	cps
Molybdenum	95-1	4976	5160	5451	5196	4.61	cps
Molybdenum	96-1	5410	5743	5368	5507	3.73	cps
Molybdenum	97-1	3184	2900	3401	3162	7.93	cps
Molybdenum	98-1	7594	7811	8061	7822	2.99	cps
Neodymium	150-1	60	80	93	78	21.57	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	1157	1033	993	1061	8.02	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	32213	31261	31661	31712	1.51	cps
Rhodium	103-1	7521612	7735867	7635811	7631097	1.40	cps
Rhodium	103-2	1994716	1975791	1948186	1972898	1.19	cps
Scandium	45-1	4673459	4684377	4674331	4677389	0.13	cps
Scandium	45-2	32782	31843	31298	31974	2.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	68	7	61	45	74.29	cps
Silicon	28-1	25365654	25356693	25364574	25362307	0.02	cps
Silver	109-1	1083	1200	1033	1106	7.74	cps
Silver	107-1	1158	1250	1125	1178	5.50	cps
Sodium	23-2	3879172	3875311	3835439	3863307	0.63	cps
Strontium	86-1	454032	455410	459072	456172	0.57	cps
Strontium	88-1	3978017	4027728	3974141	3993295	0.75	cps
Sulfur	34-1	441227	442573	438523	440774	0.47	cps
Terbium	159-1	10270017	10391726	10392581	10351441	0.68	cps
Terbium	159-2	1912317	1903563	1908132	1908004	0.23	cps
Thallium	203-1	350	342	367	353	3.61	cps
Thallium	205-1	808	1000	908	906	10.59	cps
Tin	118-1	11630	12717	12264	12204	4.47	cps
Titanium	47-1	1200	1342	1217	1253	6.18	cps
Uranium	238-1	17046	18298	17789	17711	3.55	cps
Vanadium	51-2	1627	1527	1503	1552	4.22	cps
Yttrium	89-1	8322053	8444968	8273632	8346884	1.06	cps
Yttrium	89-2	209014	208188	205668	207623	0.84	cps
Zinc	66-2	210	273	207	230	16.33	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	J2744-05	Instrumnet Name :	P8
Client Sample ID :	DUP-0452-180430	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:10:48	DataFile Name :	034SMPL_P8050918- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2175	2025	2267	2156	5.66	cps
Zirconium	91-1	500	442	567	503	12.44	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260923	260917	268911	263584	1.75	cps
Antimony	121-1	3921063	3918688	3884964	3908238	0.52	cps
Arsenic	75-2	42049	41560	42783	42131	1.46	cps
Barium	135-1	4139600	4103380	4042840	4095273	1.19	cps
Barium	137-1	7083340	7075784	7050687	7069937	0.24	cps
Beryllium	9-1	615982	614008	618076	616022	0.33	cps
Bismuth	209-1	6237289	6074096	5741301	6017562	4.20	cps
Bismuth	209-2	1801903	1802853	1776014	1793590	0.85	cps
Boron	10-1	71956	73422	75121	73500	2.16	cps
Boron	11-1	326424	336065	342785	335091	2.45	cps
Cadmium	111-1	852204	859056	858517	856592	0.44	cps
Cadmium	106-1	89136	88607	88264	88669	0.50	cps
Cadmium	108-1	59995	60690	61402	60696	1.16	cps
Calcium	43-1	4793174	4822279	4918536	4844663	1.35	cps
Calcium	44-1	76239718	77332108	77872583	77148136	1.08	cps
Chromium	52-2	403787	400977	406532	403765	0.69	cps
Cobalt	59-2	819708	821641	825716	822355	0.37	cps
Copper	63-2	1424513	1428494	1436922	1429976	0.44	cps
Dysprosium	156-1	92	50	75	72	29.04	cps
Dysprosium	156-2	0	7	17	8	107.84	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	100	92	33	75	48.44	cps
Gadolinium	160-2	10	20	10	13	43.30	cps
Holmium	165-1	10735896	10698354	9977257	10470502	4.08	cps
Holmium	165-2	2351646	2361612	2335023	2349427	0.57	cps
Indium	115-1	9020973	8999055	8444745	8821591	3.70	cps
Indium	115-2	333144	335950	333311	334135	0.47	cps
Iron	56-2	62081690	61624254	62185317	61963754	0.48	cps
Iron	57-2	1597171	1595548	1594686	1595802	0.08	cps
Krypton	83-1	390	347	403	380	7.80	cps
Lead	206-1	2210390	2194977	2177323	2194230	0.75	cps
Lead	207-1	2001082	1988139	1969185	1986135	0.81	cps
Lead	208-1	8967309	8908074	8807960	8894448	0.91	cps
Lithium	6-1	1547501	1550508	1482361	1526790	2.52	cps
Magnesium	24-2	6754720	6710695	6759474	6741630	0.40	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197664	196906	198456	197675	0.39	cps
Molybdenum	94-1	7036725	7015803	7054674	7035734	0.28	cps
Molybdenum	95-1	8638368	8696127	8683092	8672529	0.35	cps
Molybdenum	96-1	9721119	9708232	9735406	9721585	0.14	cps
Molybdenum	97-1	5515268	5534163	5478124	5509185	0.52	cps
Molybdenum	98-1	14063034	13921011	13882949	13955665	0.68	cps
Neodymium	150-1	153	213	167	178	17.72	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	250483	252154	251983	251540	0.37	cps
Phosphorus	31-2	3567	3767	3609	3648	2.89	cps
Potassium	39-2	1758478	1770222	1800651	1776450	1.23	cps
Rhodium	103-1	8605485	8586714	8012939	8401712	4.01	cps
Rhodium	103-2	2221863	2257053	2244570	2241162	0.80	cps
Scandium	45-1	5830677	5740048	5474197	5681641	3.26	cps
Scandium	45-2	41662	41251	42504	41806	1.53	cps
Selenium	77-2	253	280	260	264	5.25	cps
Selenium	78-2	898	943	922	921	2.42	cps
Selenium	82-1	53387	54115	53924	53809	0.70	cps
Silicon	28-1	1893848	1854924	1894159	1880977	1.20	cps
Silver	109-1	4073661	4041275	4067799	4060912	0.42	cps
Silver	107-1	4281411	4247540	4235258	4254736	0.56	cps
Sodium	23-2	16480986	16444457	16496693	16474046	0.16	cps
Strontium	86-1	1117085	1128255	1117106	1120815	0.57	cps
Strontium	88-1	9566381	9702481	9627909	9632257	0.71	cps
Sulfur	34-1	619295	622268	623915	621826	0.38	cps
Terbium	159-1	11285392	11228893	10509695	11007993	3.93	cps
Terbium	159-2	2272631	2255528	2240375	2256178	0.72	cps
Thallium	203-1	2755187	2771515	2692794	2739832	1.52	cps
Thallium	205-1	6496322	6524372	6327700	6449465	1.65	cps
Tin	118-1	2762900	2787229	2742718	2764282	0.81	cps
Titanium	47-1	2409968	2397988	2376790	2394915	0.70	cps
Uranium	238-1	8306289	8164571	8133413	8201424	1.12	cps
Vanadium	51-2	280699	280955	283736	281797	0.60	cps
Yttrium	89-1	9841548	9811761	9278802	9644037	3.28	cps
Yttrium	89-2	263085	264460	267294	264946	0.81	cps
Zinc	66-2	115300	113694	116988	115327	1.43	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P8
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:21:07	DataFile Name :	035CCV_P8050918- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5910392	5966547	5938445	5938461	0.47	cps
Zirconium	91-1	1302334	1305835	1305362	1304510	0.15	cps

LB Number : LB95258 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P8
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2018-05-09 16:36:20 DataFile Name : 036CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	50	39	24.75	cps
Antimony	121-1	2309	2967	3459	2912	19.82	cps
Arsenic	75-2	6	2	11	6	75.49	cps
Barium	135-1	83	58	33	58	42.85	cps
Barium	137-1	50	33	83	56	45.83	cps
Beryllium	9-1	61	117	128	102	35.07	cps
Bismuth	209-1	6500342	6526421	6533643	6520136	0.27	cps
Bismuth	209-2	1957099	1930512	1940737	1942783	0.69	cps
Boron	10-1	1183	1367	1542	1364	13.14	cps
Boron	11-1	6218	6010	6277	6168	2.27	cps
Cadmium	111-1	1160	1240	1270	1223	4.64	cps
Cadmium	106-1	1617	1734	1775	1709	4.80	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Calcium	43-1	417	642	475	511	22.85	cps
Calcium	44-1	26167	26217	25449	25944	1.66	cps
Chromium	52-2	827	837	893	852	4.22	cps
Cobalt	59-2	47	37	90	58	49.06	cps
Copper	63-2	1237	1067	1147	1150	7.40	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	50	17	44	57.28	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	33	50	117	67	66.14	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	10743459	10823010	10685107	10750525	0.64	cps
Holmium	165-2	2370520	2365977	2361645	2366047	0.19	cps
Indium	115-1	9424866	9420448	9303142	9382819	0.74	cps
Indium	115-2	343519	343381	346449	344450	0.50	cps
Iron	56-2	2600	2528	2339	2489	5.42	cps
Iron	57-2	83	72	50	69	24.77	cps
Krypton	83-1	367	360	393	373	4.73	cps
Lead	206-1	361	228	306	298	22.46	cps
Lead	207-1	244	272	289	269	8.36	cps
Lead	208-1	1378	1117	1317	1270	10.75	cps
Lithium	6-1	1639833	1650266	1618940	1636347	0.97	cps
Magnesium	24-2	217	250	292	253	14.86	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:36:20	DataFile Name :	036CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	53	87	67	26.46	cps
Molybdenum	94-1	858	1108	1117	1028	14.28	cps
Molybdenum	95-1	733	1208	1550	1164	35.24	cps
Molybdenum	96-1	1017	1433	1550	1333	21.03	cps
Molybdenum	97-1	567	858	1008	811	27.69	cps
Molybdenum	98-1	1375	1834	2409	1872	27.66	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	140	97	109	24.93	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2275	2400	2600	2425	6.76	cps
Rhodium	103-1	8960956	9086308	8932993	8993419	0.91	cps
Rhodium	103-2	2395985	2374924	2374608	2381839	0.51	cps
Scandium	45-1	5758613	5806502	5776717	5780611	0.42	cps
Scandium	45-2	40926	40054	39870	40283	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-9	14	-35	-10	-248.04	cps
Silicon	28-1	313598	311722	314127	313149	0.40	cps
Silver	109-1	275	242	333	283	16.38	cps
Silver	107-1	350	250	342	314	17.68	cps
Sodium	23-2	6527	6744	6635	6635	1.63	cps
Strontium	86-1	650	667	550	622	10.14	cps
Strontium	88-1	225	167	217	203	15.56	cps
Sulfur	34-1	360370	359677	363221	361089	0.52	cps
Terbium	159-1	11306913	11041777	11074716	11141135	1.30	cps
Terbium	159-2	2236170	2229532	2257941	2241214	0.66	cps
Thallium	203-1	333	333	325	331	1.46	cps
Thallium	205-1	775	983	725	828	16.55	cps
Tin	118-1	750	1017	892	886	15.06	cps
Titanium	47-1	133	125	200	153	26.91	cps
Uranium	238-1	75	50	100	75	33.34	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	10005968	9965302	9864153	9945141	0.73	cps
Yttrium	89-2	262095	258781	260288	260388	0.64	cps
Zinc	66-2	163	170	157	163	4.08	cps

LB Number :	LB95258	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P8
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-05-09 16:36:20	DataFile Name :	036CCBE_P8050918- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1042	1108	1017	1056	4.49	cps
Zirconium	91-1	200	258	267	242	15.03	cps