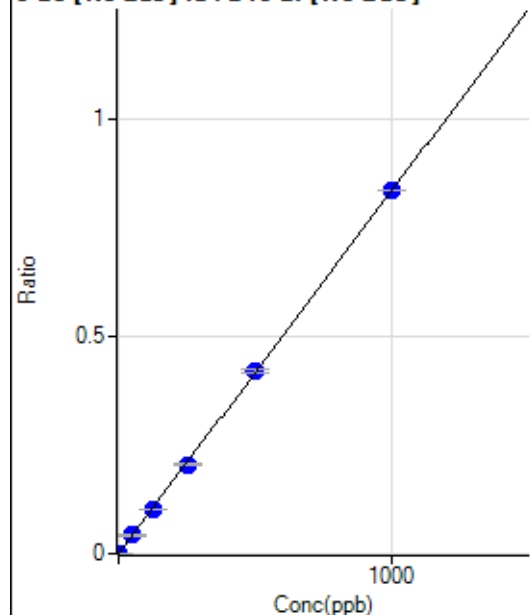


Batch Folder: D:\ICP-MS Data\P7071317 -MS.b\
Analysis File: P7071317 -MS.batch.bin
DA Date-Time: 2017-07-13 16:43:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-13 12:21:50
2			
3	005CALS.d	S02	2017-07-13 12:29:36
4	006CALS.d	S03	2017-07-13 12:33:23
5	007CALS.d	S04	2017-07-13 12:37:11
6	008CALS.d	S05	2017-07-13 12:40:54
7	009CALS.d	S06	2017-07-13 12:44:34
8	010CALS.d	S07	2017-07-13 12:48:10
9	011CALS.d	S08	2017-07-13 12:51:41

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.93	0.0000	P	54.5
2	☐	0.100					
3	☐	1.000	0.950	1418.63	0.0008	P	4.1
4	☐	50.000	50.327	71398.96	0.0421	P	0.2
5	☐	125.000	123.287	175153.03	0.1032	P	0.8
6	☐	250.000	245.100	347720.19	0.2050	P	3.1
7	☐	500.000	502.185	697737.34	0.4200	P	1.8
8	☐	1000.000	1000.330	1358976.55	0.8366	P	0.1
9	☐			1198.23	0.0008	P	9.5

$$y = 8.3631\text{E-}004 * x + 4.5915\text{E-}005$$

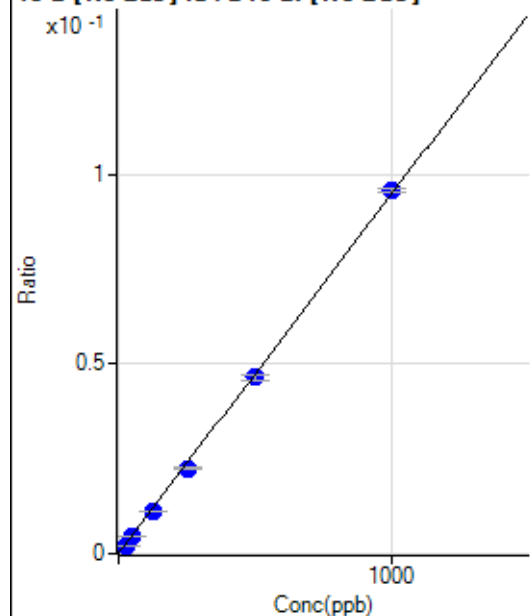
$$R = 1.0000$$

$$DL = 0.08968$$

$$BEC = 0.0549$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0001	P	3.7
2	☐	2.500					
3	☐	25.000	20.027	3356.06	0.0020	P	10.0
4	☐	50.000	48.244	7902.38	0.0047	P	1.3
5	☐	125.000	118.960	19304.72	0.0114	P	0.5
6	☐	250.000	236.909	38254.87	0.0226	P	2.9
7	☐	500.000	490.716	77437.30	0.0466	P	3.5
8	☐	1000.000	1008.882	155545.44	0.0958	P	0.9
9	☐			9172.57	0.0060	P	8.1

$$y = 9.4826\text{E-}005 * x + 8.8619\text{E-}005$$

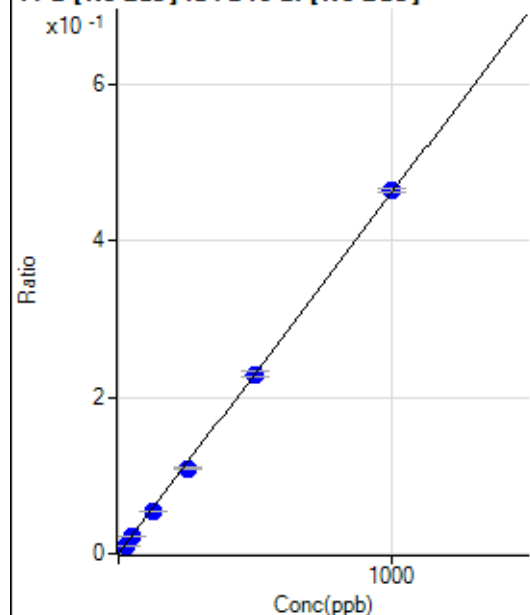
$$R = 0.9999$$

$$DL = 0.1043$$

$$BEC = 0.9346$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.38	0.0004	P	12.2
2	☐	2.500					
3	☐	25.000	20.289	16490.11	0.0098	P	3.5
4	☐	50.000	47.551	37840.08	0.0223	P	1.7
5	☐	125.000	116.453	91847.58	0.0541	P	1.0
6	☐	250.000	235.956	185210.08	0.1092	P	2.1
7	☐	500.000	497.733	381766.12	0.2298	P	3.6
8	☐	1000.000	1005.953	753905.41	0.4641	P	1.1
9	☐			45285.70	0.0296	P	7.3

$$y = 4.6096E-004 * x + 4.1149E-004$$

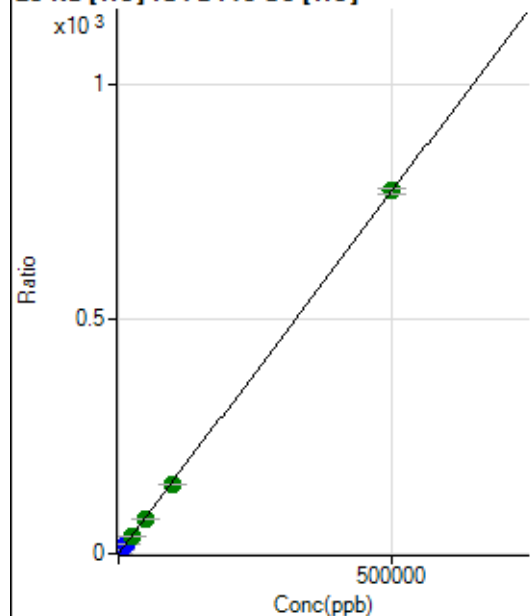
$$R = 0.9999$$

$$DL = 0.3256$$

$$BEC = 0.8927$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8666.73	0.0451	P	4.1
2	☐	50.000					
3	☐	500.000	464.924	142299.59	0.7629	P	1.3
4	☐	5000.000	5024.773	1487631.98	7.8022	P	2.0
5	☐	12500.000	13152.267	3734645.92	20.3492	P	1.6
6	☐	25000.000	24404.308	7277588.44	37.7197	A	4.6
7	☐	50000.000	48694.110	14996968.05	75.2176	A	0.8
8	☐	100000.00	96191.381	29887977.75	148.5424	A	1.0
9	☐	500000.00	500905.57	155796820.1	773.3275	A	1.7

$$y = 0.0015 * x + 0.0451$$

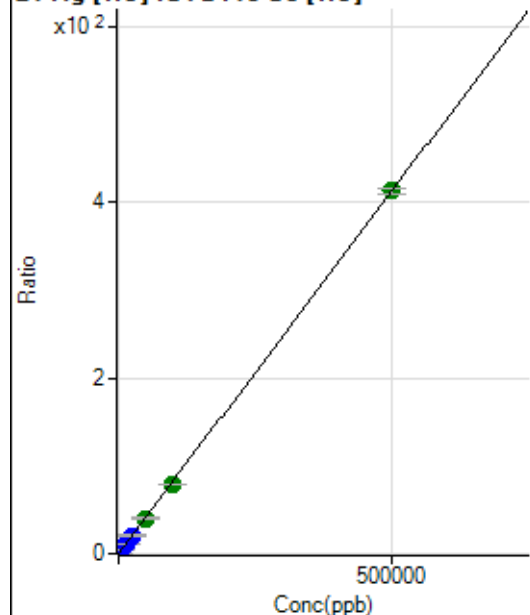
$$R = 1.0000$$

$$DL = 3.625$$

$$BEC = 29.23$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3614.50	0.0188	P	2.5
2	☐	50.000					
3	☐	500.000	451.796	73070.03	0.3917	P	1.6
4	☐	5000.000	5056.889	799433.49	4.1930	P	2.5
5	☐	12500.000	13169.017	1998528.43	10.8891	P	1.0
6	☐	25000.000	25027.650	3989696.40	20.6778	P	4.4
7	☐	50000.000	48945.928	8059195.23	40.4211	A	0.9
8	☐	100000.00	96176.113	15977728.31	79.4072	A	0.8
9	☐	500000.00	500851.55	83292097.69	413.4455	A	1.8

$$y = 8.2545\text{E-}004 * x + 0.0188$$

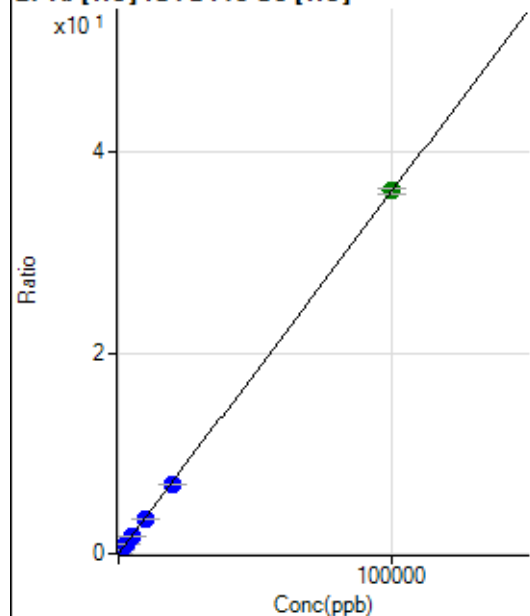
$$R = 1.0000$$

$$DL = 1.689$$

$$BEC = 22.79$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0002	P	13.0
2	☐	2.000					
3	☐	20.000	17.928	1241.78	0.0067	P	8.6
4	☐	1000.000	981.769	67589.02	0.3545	P	2.6
5	☐	2500.000	2579.995	170924.53	0.9313	P	1.1
6	☐	5000.000	4853.843	338050.70	1.7519	P	4.2
7	☐	10000.000	9684.357	696904.05	3.4953	P	0.4
8	☐	20000.000	19152.896	1390848.41	6.9124	P	1.0
9	☐	100000.00	100206.47	7285774.56	36.1645	A	1.7

$$y = 3.6090\text{E-}004 * x + 1.8796\text{E-}004$$

$$R = 1.0000$$

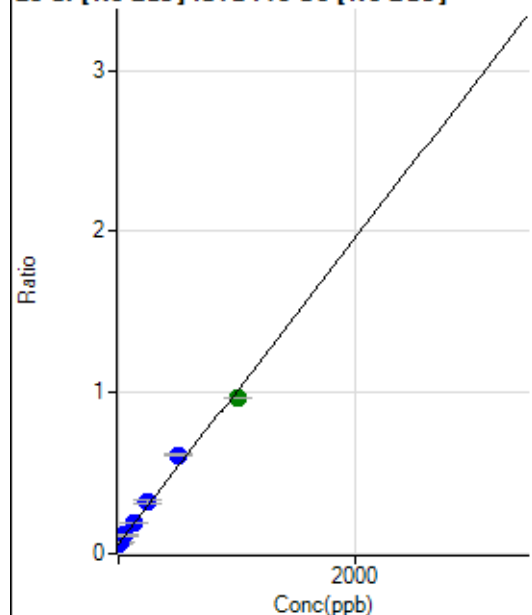
$$DL = 0.2038$$

$$BEC = 0.5208$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269960.80	0.0607	P	2.9
2	☐	1.000					
3	☐	10.000	8.568	307514.57	0.0689	P	0.9
4	☐	50.000	55.488	509117.00	0.1135	P	0.6
5	☐	125.000	139.729	875195.82	0.1938	P	0.9
6	☐	250.000	276.780	1496404.42	0.3243	P	5.0
7	☐	500.000	579.686	2848312.43	0.6129	P	3.2
8	☐	1000.000	951.361	4510481.09	0.9669	A	0.1
9	☐			350167.81	0.0768	P	1.5

$$y = 9.5253\text{E-}004 * x + 0.0607$$

$$R = 0.9946$$

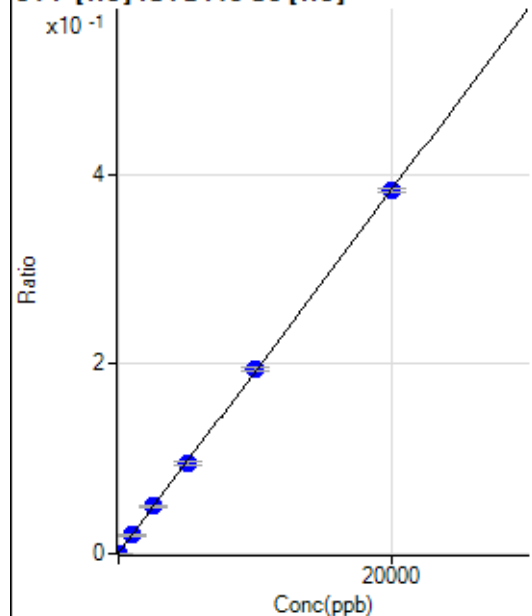
$$DL = 5.492$$

$$BEC = 63.72$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.844	152.79	0.0008	P	29.5
2	☐	0.000					
3	☐	0.000	-2.844	127.79	0.0007	P	14.1
4	☐	1000.000	978.509	3708.94	0.0195	P	2.9
5	☐	2500.000	2565.806	9142.09	0.0498	P	2.3
6	☐	5000.000	4940.564	18370.30	0.0952	P	5.3
7	☐	10000.000	10113.085	38712.59	0.1942	P	1.5
8	☐	20000.000	19951.166	76926.69	0.3823	P	1.0
9	☐			175.01	0.0009	P	12.4

$$y = 1.9126\text{E-}005 * x + 7.3980\text{E-}004$$

$$R = 1.0000$$

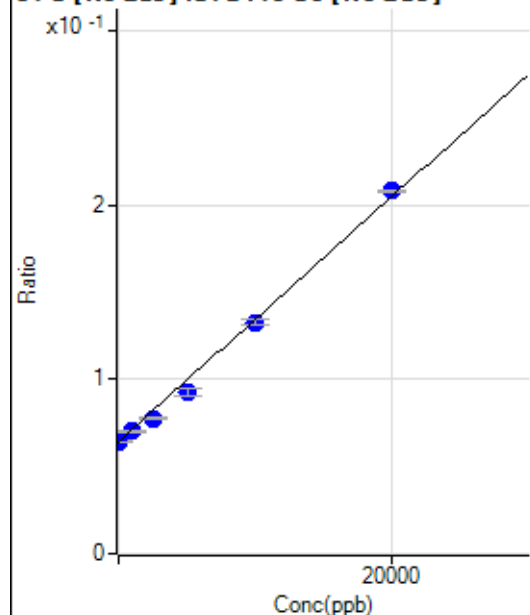
$$DL = 25.9$$

$$BEC = 38.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	130.681	290765.30	0.0654	P	2.3
2	☐	0.000					
3	☐	0.000	-130.681	283735.77	0.0635	P	0.3
4	☐	1000.000	817.959	314674.15	0.0702	P	1.2
5	☐	2500.000	1840.390	349337.63	0.0774	P	1.6
6	☐	5000.000	4021.567	427519.62	0.0927	P	4.8
7	☐	10000.000	9734.129	616908.83	0.1327	P	3.0
8	☐	20000.000	20469.097	970477.74	0.2080	P	0.6
9	☐			271618.87	0.0595	P	0.9

$$y = 7.0154\text{E-}006 * x + 0.0644$$

$$R = 0.9983$$

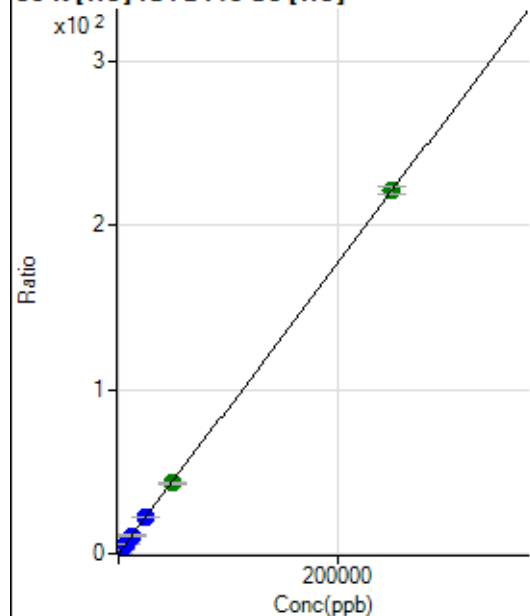
$$DL = 365.6$$

$$BEC = 9186$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27559.70	0.1435	P	0.3
2	☐	50.000					
3	☐	500.000	444.243	99913.36	0.5356	P	0.1
4	☐	2500.000	2431.316	436544.17	2.2897	P	2.7
5	☐	6250.000	6376.298	1059363.40	5.7722	P	1.6
6	☐	12500.000	12186.448	2103122.44	10.9012	P	4.8
7	☐	25000.000	24835.498	4399871.28	22.0674	P	0.5
8	☐	50000.000	48365.837	8619839.17	42.8391	A	0.7
9	☐	250000.00	250356.60	44550690.23	221.1495	A	2.1

$$y = 8.8276\text{E-}004 * x + 0.1435$$

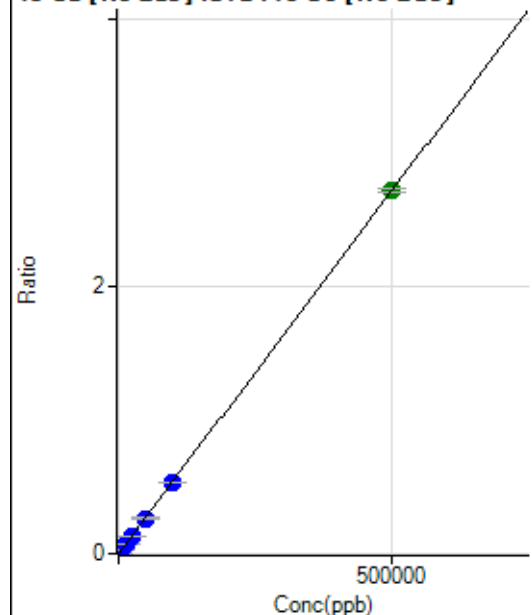
$$R = 1.0000$$

$$DL = 1.698$$

$$BEC = 162.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	11.3
2	☐	50.000					
3	☐	500.000	444.985	10996.24	0.0025	P	2.7
4	☐	5000.000	4885.509	119205.17	0.0266	P	0.9
5	☐	12500.000	12200.738	299551.47	0.0663	P	1.2
6	☐	25000.000	23960.540	600714.32	0.1302	P	5.4
7	☐	50000.000	48913.389	1235222.76	0.2658	P	3.3
8	☐	100000.00	98075.102	2485752.64	0.5329	P	0.6
9	☐	500000.00	500554.29	12406253.75	2.7195	A	1.0

$$y = 5.4329\text{E-}006 * x + 4.4241\text{E-}005$$

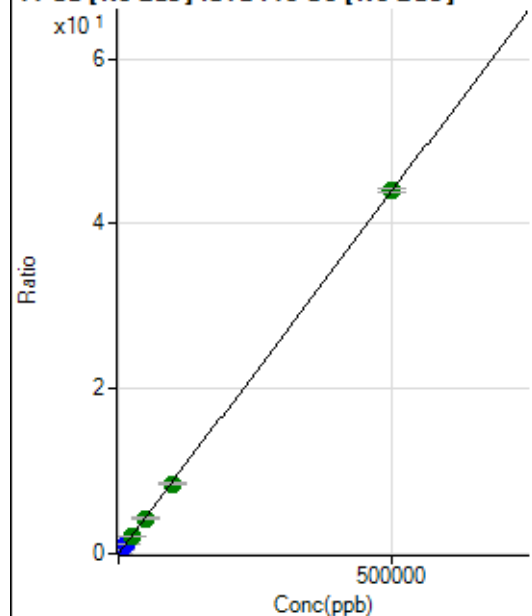
$$R = 1.0000$$

$$DL = 2.759$$

$$BEC = 8.143$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6182.19	0.0014	P	3.4
2	☐	50.000					
3	☐	500.000	447.489	181725.70	0.0407	P	1.1
4	☐	5000.000	4919.176	1943147.42	0.4334	P	0.2
5	☐	12500.000	12397.412	4922972.59	1.0901	P	1.2
6	☐	25000.000	23784.970	9640394.92	2.0901	A	5.9
7	☐	50000.000	48517.737	19808116.24	4.2621	A	3.3
8	☐	100000.00	96764.264	39646550.88	8.4990	A	0.4
9	☐	500000.00	500859.55	200661005.8	43.9856	A	1.1

$$y = 8.7817\text{E-}005 * x + 0.0014$$

$$R = 1.0000$$

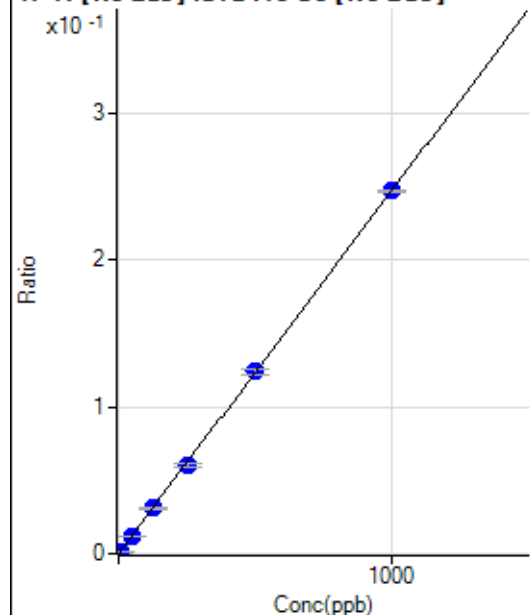
$$DL = 1.607$$

$$BEC = 15.82$$

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	113.90	0.0000	P	21.7
2	☐	0.500					
3	☐	5.000	4.261	4820.44	0.0011	P	3.8
4	☐	50.000	49.909	55457.83	0.0124	P	0.7
5	☐	125.000	124.784	139487.45	0.0309	P	1.3
6	☐	250.000	244.035	278538.71	0.0604	P	5.4
7	☐	500.000	502.464	577647.26	0.1243	P	3.4
8	☐	1000.000	1000.294	1154134.60	0.2474	P	0.6
9	☐			2183.79	0.0005	P	18.5

$$y = 2.4732E-004 * x + 2.5516E-005$$

$$R = 1.0000$$

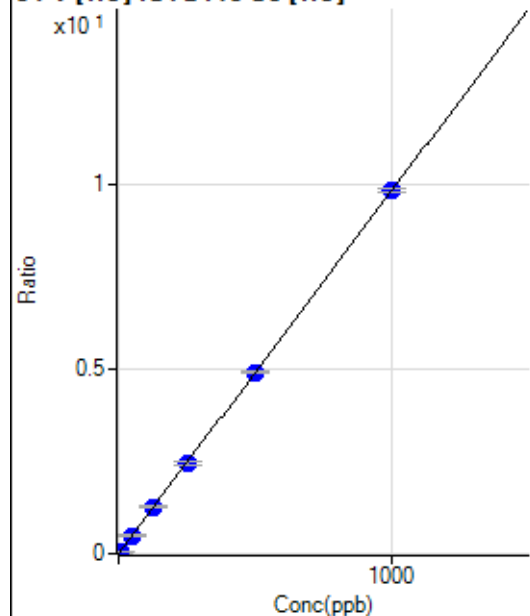
$$DL = 0.0673$$

$$BEC = 0.1032$$

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	16.67	0.0001	P	20.9
2	☐	0.500					
3	☐	5.000	4.512	8269.10	0.0443	P	2.7
4	☐	50.000	49.715	92958.04	0.4876	P	2.7
5	☐	125.000	129.617	233285.21	1.2711	P	1.4
6	☐	250.000	247.280	467850.77	2.4249	P	4.6
7	☐	500.000	499.726	977044.72	4.9003	P	0.7
8	☐	1000.000	1000.257	1973572.91	9.8085	P	1.1
9	☐			1058.95	0.0053	P	7.0

$$y = 0.0098 * x + 8.6859E-005$$

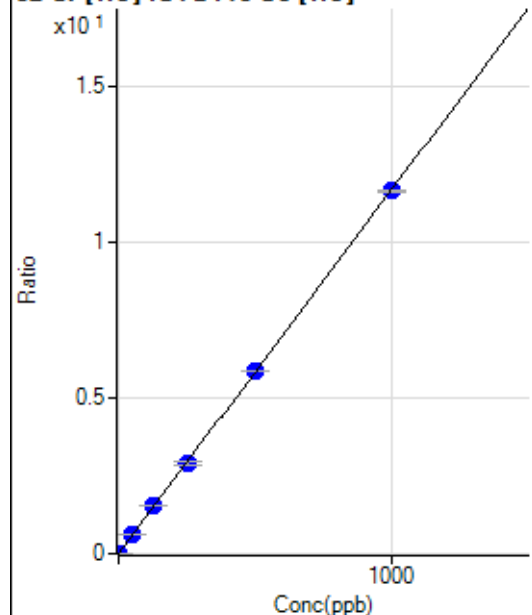
$$R = 1.0000$$

$$DL = 0.005553$$

$$BEC = 0.008858$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	434.46	0.0023	P	8.0
2	☐	0.200					
3	☐	2.000	2.006	4783.07	0.0256	P	1.4
4	☐	50.000	50.887	113499.07	0.5953	P	2.0
5	☐	125.000	131.837	282375.34	1.5386	P	1.6
6	☐	250.000	250.245	563148.94	2.9184	P	4.1
7	☐	500.000	503.403	1170101.93	5.8685	P	0.4
8	☐	1000.000	997.338	2338986.89	11.6245	P	0.9
9	☐			59836.55	0.2971	P	2.5

$$y = 0.0117 * x + 0.0023$$

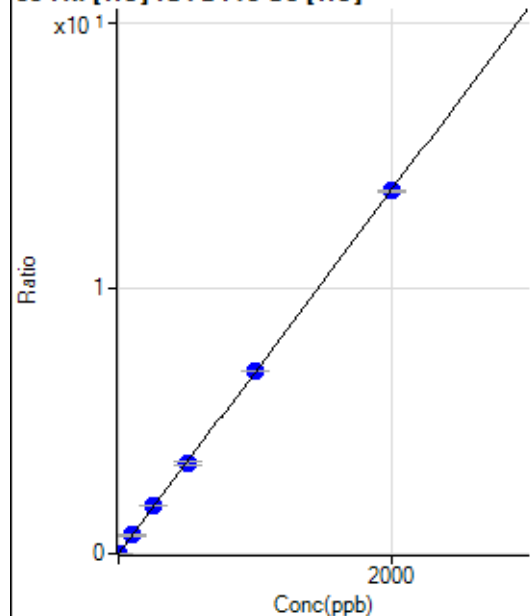
$$R = 1.0000$$

$$DL = 0.04686$$

$$BEC = 0.1941$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442.24	0.0023	P	7.3
2	☐	0.100					
3	☐	1.000	0.911	1594.56	0.0085	P	1.5
4	☐	100.000	101.015	132533.25	0.6951	P	2.1
5	☐	250.000	262.307	330597.54	1.8013	P	1.3
6	☐	500.000	499.673	661693.20	3.4293	P	4.3
7	☐	1000.000	1005.413	1375316.14	6.8979	P	0.6
8	☐	2000.000	1995.786	2754740.93	13.6903	P	0.5
9	☐			12586.66	0.0625	P	3.4

$$y = 0.0069 * x + 0.0023$$

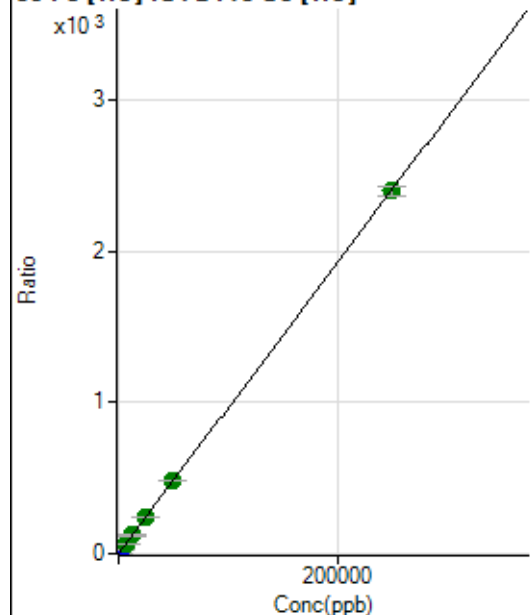
$$R = 1.0000$$

$$DL = 0.07307$$

$$BEC = 0.3355$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4697.17	0.0244	P	2.9
2	☐	5.000					
3	☐	50.000	47.285	89184.37	0.4781	P	0.8
4	☐	2500.000	2629.894	4815548.37	25.2571	P	2.3
5	☐	6250.000	6736.233	11866588.69	64.6557	A	0.9
6	☐	12500.000	12792.974	23685414.42	122.7675	A	4.7
7	☐	25000.000	25587.200	48952422.39	245.5226	A	0.8
8	☐	50000.000	50562.840	97617067.92	485.1532	A	1.1
9	☐	250000.00	249800.60	482809662.6	2,396.753	A	2.3

$$y = 0.0096 * x + 0.0244$$

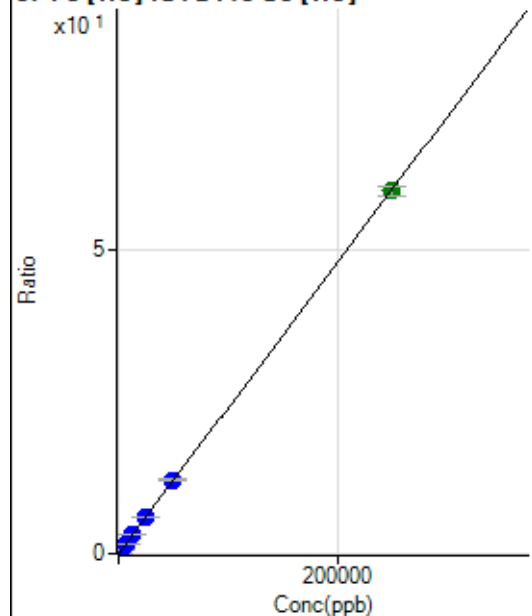
$$R = 1.0000$$

$$DL = 0.2212$$

$$BEC = 2.548$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	274.09	0.0014	P	11.4
2	☐	5.000					
3	☐	50.000	47.251	2370.63	0.0127	P	3.3
4	☐	2500.000	2599.452	118630.84	0.6222	P	1.7
5	☐	6250.000	6748.341	296010.68	1.6129	P	1.3
6	☐	12500.000	12846.517	592199.38	3.0691	P	4.2
7	☐	25000.000	25730.082	1225321.57	6.1455	P	0.5
8	☐	50000.000	50928.677	2447330.47	12.1627	P	0.6
9	☐	250000.00	249710.47	12011678.05	59.6300	A	2.5

$$y = 2.3879E-004 * x + 0.0014$$

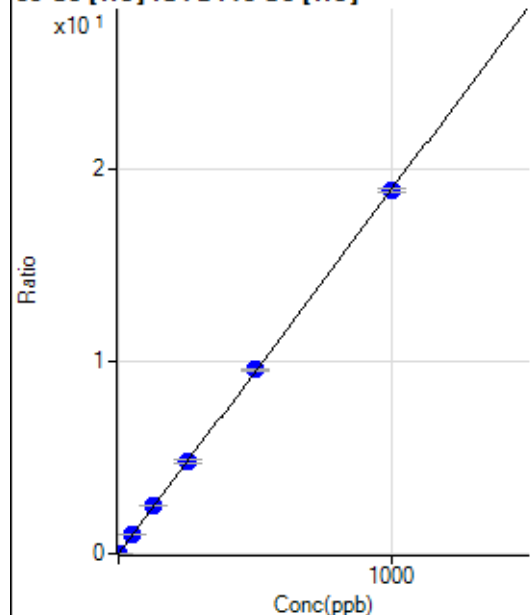
$$R = 1.0000$$

$$DL = 2.042$$

$$BEC = 5.976$$

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	120.00	0.0006	P	39.8
2	☐	0.100					
3	☐	1.000	0.918	3363.77	0.0180	P	0.5
4	☐	50.000	51.429	186052.97	0.9760	P	3.2
5	☐	125.000	133.152	463560.57	2.5258	P	1.1
6	☐	250.000	251.810	921527.85	4.7761	P	4.4
7	☐	500.000	504.372	1907259.48	9.5657	P	0.4
8	☐	1000.000	996.271	3801710.12	18.8943	P	1.1
9	☐			6698.30	0.0333	P	2.7

$$y = 0.0190 * x + 6.2331E-004$$

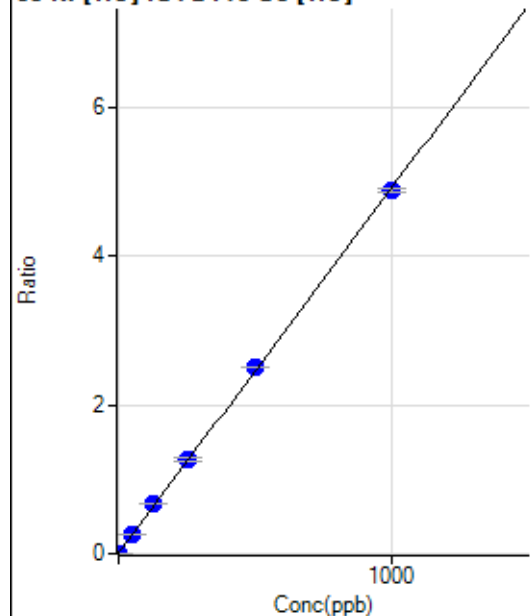
$$R = 1.0000$$

$$DL = 0.03925$$

$$BEC = 0.03287$$

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	992.27	0.0052	P	3.4
2	☐	0.100					
3	☐	1.000	0.974	1855.71	0.0099	P	2.8
4	☐	50.000	52.059	49706.34	0.2607	P	2.3
5	☐	125.000	135.196	122739.23	0.6688	P	1.9
6	☐	250.000	255.053	242586.30	1.2571	P	4.0
7	☐	500.000	509.246	499423.05	2.5049	P	0.6
8	☐	1000.000	992.736	981533.60	4.8781	P	1.0
9	☐			15812.01	0.0785	P	2.8

$$y = 0.0049 * x + 0.0052$$

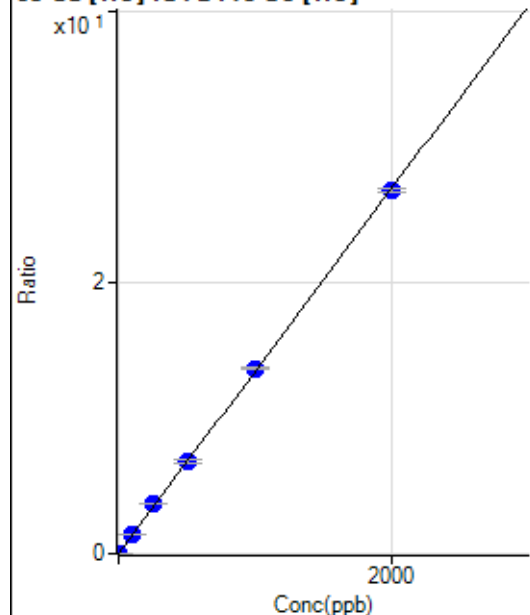
$$R = 0.9999$$

$$DL = 0.107$$

$$BEC = 1.052$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	670.02	0.0035	P	13.9
2	☐	0.200					
3	☐	2.000	2.125	5985.77	0.0321	P	2.5
4	☐	100.000	103.832	267096.13	1.4008	P	2.0
5	☐	250.000	270.409	668523.79	3.6426	P	1.4
6	☐	500.000	509.483	1323583.13	6.8600	P	4.5
7	☐	1000.000	1014.010	2721530.65	13.6498	P	0.7
8	☐	2000.000	1987.881	5383589.54	26.7560	P	0.9
9	☐			12106.28	0.0601	P	2.3

$$y = 0.0135 * x + 0.0035$$

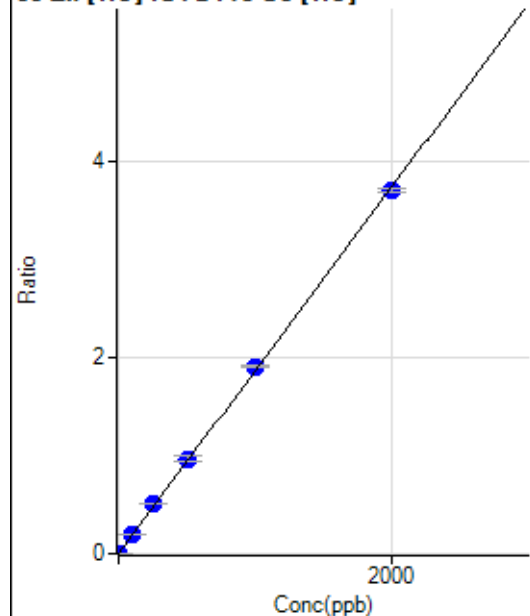
$$R = 0.9999$$

$$DL = 0.108$$

$$BEC = 0.2592$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0006	P	18.8
2	☐	0.200					
3	☐	2.000	2.357	938.93	0.0050	P	0.6
4	☐	100.000	106.781	38097.56	0.1998	P	2.8
5	☐	250.000	275.443	94422.30	0.5145	P	0.8
6	☐	500.000	517.930	186529.59	0.9668	P	4.6
7	☐	1000.000	1022.166	380306.58	1.9074	P	1.0
8	☐	2000.000	1980.915	743650.61	3.6959	P	1.0
9	☐			5611.17	0.0278	P	0.3

$$y = 0.0019 * x + 6.3687E-004$$

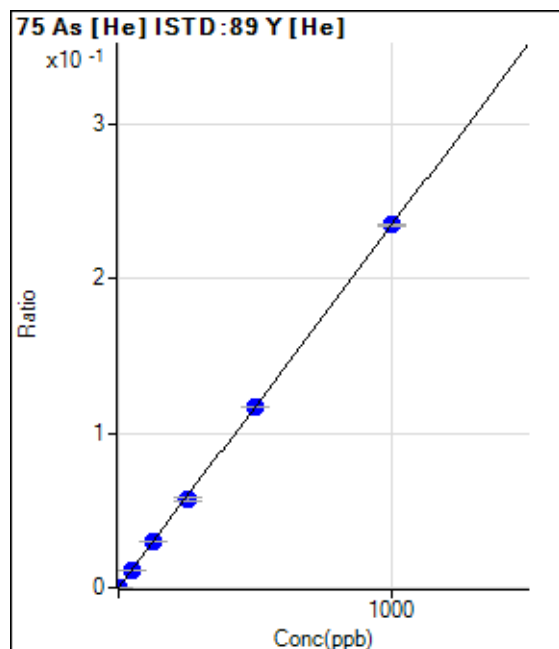
$$R = 0.9998$$

$$DL = 0.1925$$

$$BEC = 0.3414$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.88	0.0000	P	10.0
2	☐	0.100					
3	☐	1.000	0.944	264.20	0.0002	P	13.7
4	☐	50.000	49.535	13573.08	0.0116	P	2.5
5	☐	125.000	128.582	34193.20	0.0302	P	0.6
6	☐	250.000	245.212	68453.12	0.0575	P	3.1
7	☐	500.000	498.705	141896.92	0.1169	P	0.3
8	☐	1000.000	1001.420	285868.59	0.2348	P	0.6
9	☐			231.48	0.0002	P	2.6

$$y = 2.3447\text{E-}004 * x + 8.3819\text{E-}006$$

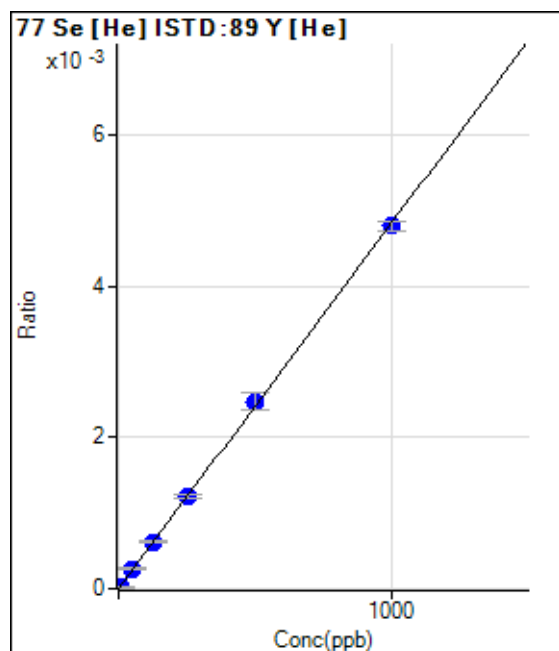
$$R = 1.0000$$

$$DL = 0.0107$$

$$BEC = 0.03575$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	2.804	15.55	0.0000	P	44.8
4	☐	50.000	54.698	308.90	0.0003	P	16.0
5	☐	125.000	128.683	704.47	0.0006	P	3.9
6	☐	250.000	252.046	1448.99	0.0012	P	2.6
7	☐	500.000	512.412	3001.48	0.0025	P	8.6
8	☐	1000.000	992.598	5834.60	0.0048	P	2.6
9	☐			8.89	0.0000	P	20.3

$$y = 4.8277\text{E-}006 * x + 0.0000\text{E+}000$$

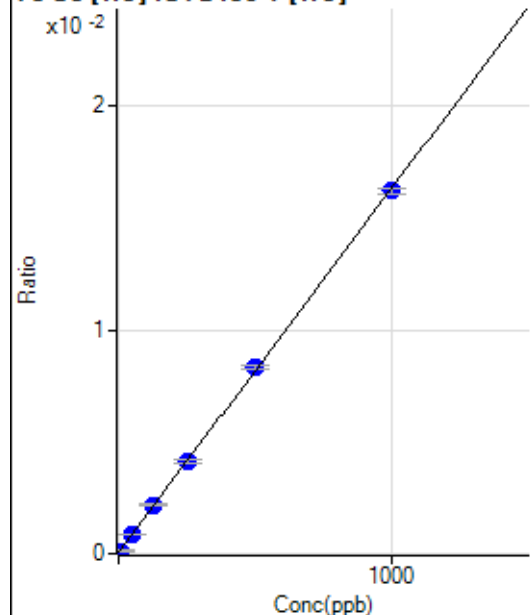
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.94	0.0000	P	6.9
2	☐	0.500					
3	☐	5.000	5.047	148.15	0.0001	P	10.7
4	☐	50.000	51.326	1030.91	0.0009	P	1.6
5	☐	125.000	131.227	2475.54	0.0022	P	4.2
6	☐	250.000	251.532	4931.12	0.0041	P	3.5
7	☐	500.000	510.117	10136.94	0.0084	P	1.5
8	☐	1000.000	993.714	19757.32	0.0162	P	1.5
9	☐			88.28	0.0001	P	4.8

$$y = 1.6284\text{E-}005 * x + 4.6646\text{E-}005$$

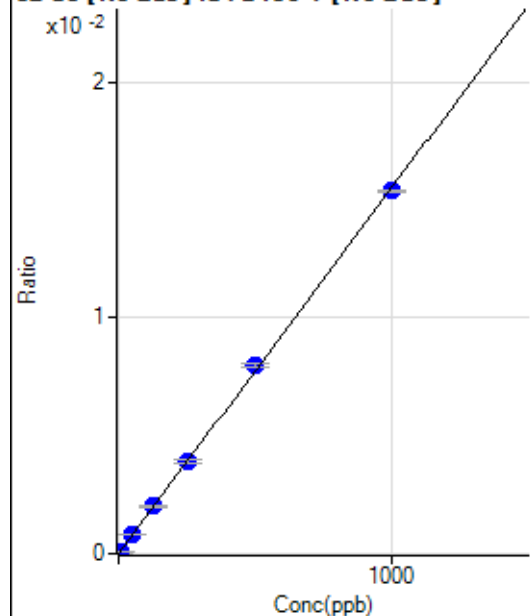
$$R = 0.9999$$

$$DL = 0.5945$$

$$BEC = 2.865$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.63	0.0000	P	288.
2	☐	0.500					
3	☐	5.000	4.438	569.46	0.0001	P	18.2
4	☐	50.000	51.118	6352.84	0.0008	P	3.3
5	☐	125.000	128.950	16085.19	0.0020	P	1.2
6	☐	250.000	252.131	32147.68	0.0039	P	3.8
7	☐	500.000	513.304	65347.74	0.0080	P	1.9
8	☐	1000.000	992.268	127148.67	0.0154	P	0.5
9	☐			255.81	0.0000	P	66.3

$$y = 1.5510\text{E-}005 * x + 2.8478\text{E-}006$$

$$R = 0.9999$$

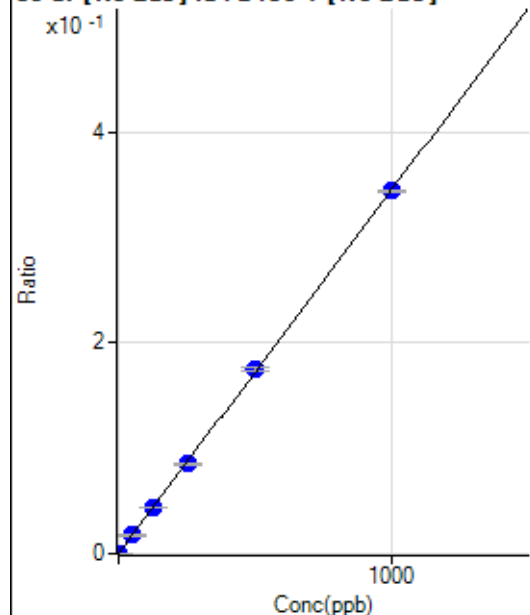
$$DL = 1.587$$

$$BEC = 0.1836$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1439.02	0.0002	P	12.0
2	☐	0.100					
3	☐	1.000	0.963	4117.45	0.0005	P	1.2
4	☐	50.000	49.977	139118.53	0.0174	P	1.0
5	☐	125.000	125.988	350451.00	0.0436	P	0.9
6	☐	250.000	246.017	698473.77	0.0850	P	3.8
7	☐	500.000	505.999	1433424.99	0.1747	P	1.7
8	☐	1000.000	997.874	2844223.22	0.3443	P	0.3
9	☐			95148.41	0.0122	P	1.8

$$y = 3.4487\text{E-}004 * x + 1.8634\text{E-}004$$

$$R = 1.0000$$

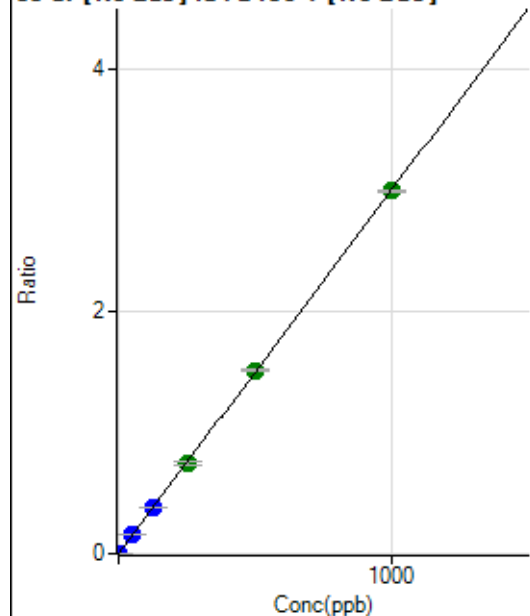
$$DL = 0.1944$$

$$BEC = 0.5403$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.937	22568.58	0.0028	P	1.2
4	☐	50.000	50.941	1222980.87	0.1532	P	0.7
5	☐	125.000	127.567	3079926.76	0.3835	P	0.7
6	☐	250.000	247.125	6102730.91	0.7429	A	3.5
7	☐	500.000	504.919	12454208.00	1.5178	A	1.7
8	☐	1000.000	997.891	24778005.76	2.9997	A	0.4
9	☐			819129.13	0.1048	P	0.9

$$y = 0.0030 * x + 2.4814\text{E-}005$$

$$R = 1.0000$$

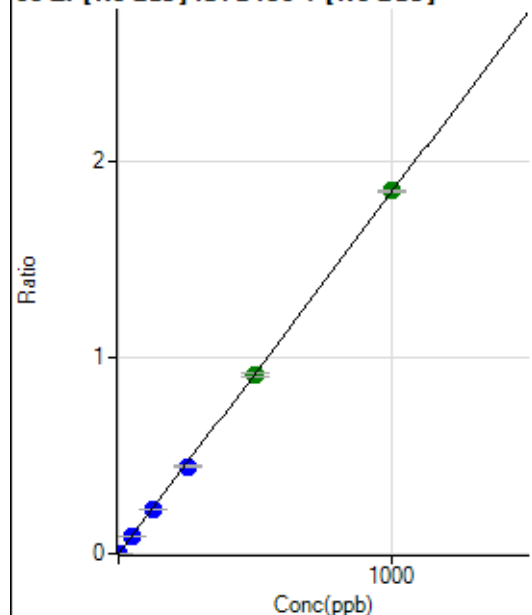
$$DL = 0.00457$$

$$BEC = 0.008255$$

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	527.81	0.0001	P	14.0
2	☐	0.100					
3	☐	1.000	0.822	12583.82	0.0016	P	3.2
4	☐	50.000	48.162	709973.92	0.0889	P	1.0
5	☐	125.000	122.301	1812494.47	0.2257	P	0.4
6	☐	250.000	242.217	3670673.04	0.4469	P	4.0
7	☐	500.000	495.679	7503154.86	0.9144	A	1.9
8	☐	1000.000	1004.536	15307227.95	1.8531	A	0.7
9	☐			5495.73	0.0007	P	5.2

$$y = 0.0018 * x + 6.8315E-005$$

$$R = 1.0000$$

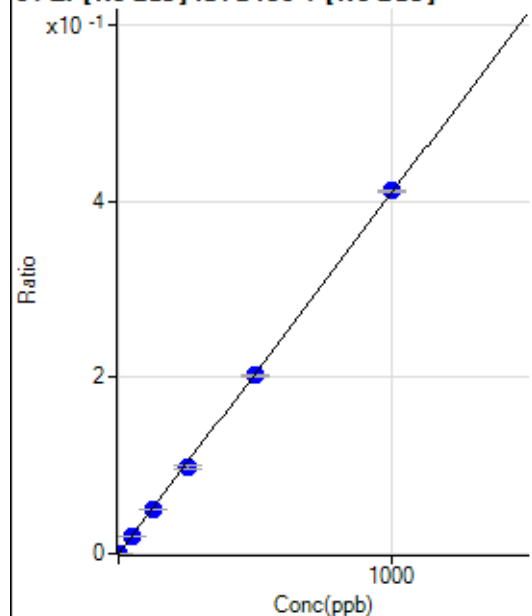
$$DL = 0.01557$$

$$BEC = 0.03703$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.835	2855.98	0.0004	P	3.5
4	☐	50.000	47.829	156514.04	0.0196	P	1.9
5	☐	125.000	122.105	401679.37	0.0500	P	0.9
6	☐	250.000	240.426	808818.37	0.0985	P	3.8
7	☐	500.000	493.376	1657726.66	0.2020	P	2.0
8	☐	1000.000	1006.176	3403283.19	0.4120	P	0.3
9	☐			1169.54	0.0001	P	2.5

$$y = 4.0946E-004 * x + 1.7611E-005$$

$$R = 0.9999$$

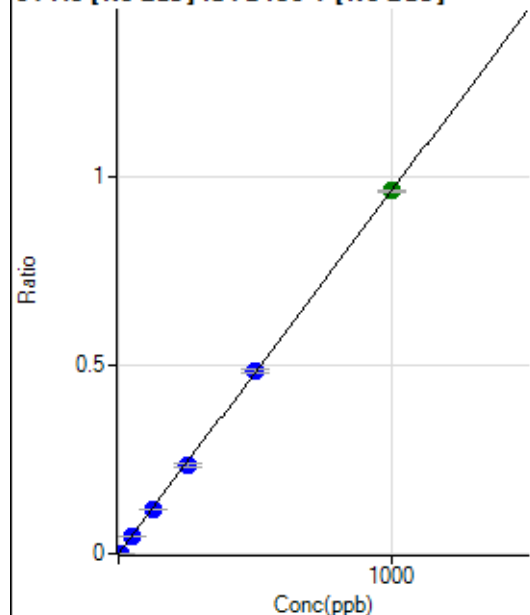
$$DL = 0.01807$$

$$BEC = 0.04301$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	7.1
2	☐	0.500					
3	☐	5.000	1.983	15422.77	0.0019	P	2.6
4	☐	50.000	48.857	376595.56	0.0472	P	0.2
5	☐	125.000	123.523	957247.54	0.1192	P	0.4
6	☐	250.000	244.326	1936108.07	0.2357	P	4.2
7	☐	500.000	502.919	3980788.89	0.4852	P	2.5
8	☐	1000.000	1000.216	7970140.11	0.9649	A	0.8
9	☐			13704.31	0.0018	P	2.5

$$y = 9.6466\text{E-}004 * x + 2.9795\text{E-}005$$

$$R = 1.0000$$

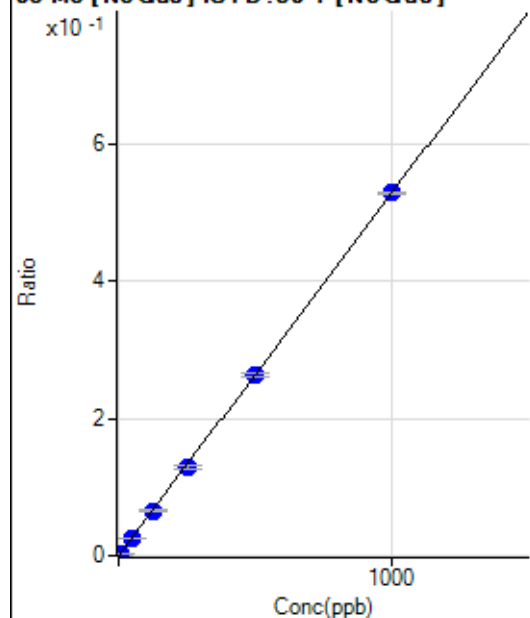
$$DL = 0.006615$$

$$BEC = 0.03089$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	36.0
2	☐	0.500					
3	☐	5.000	4.475	18849.37	0.0024	P	1.5
4	☐	50.000	49.532	208735.23	0.0261	P	1.3
5	☐	125.000	124.302	526702.26	0.0656	P	0.9
6	☐	250.000	244.352	1058862.16	0.1289	P	3.9
7	☐	500.000	500.118	2164655.36	0.2638	P	2.2
8	☐	1000.000	1001.466	4363766.38	0.5283	P	0.3
9	☐			20023.13	0.0026	P	2.0

$$y = 5.2749\text{E-}004 * x + 1.2838\text{E-}005$$

$$R = 1.0000$$

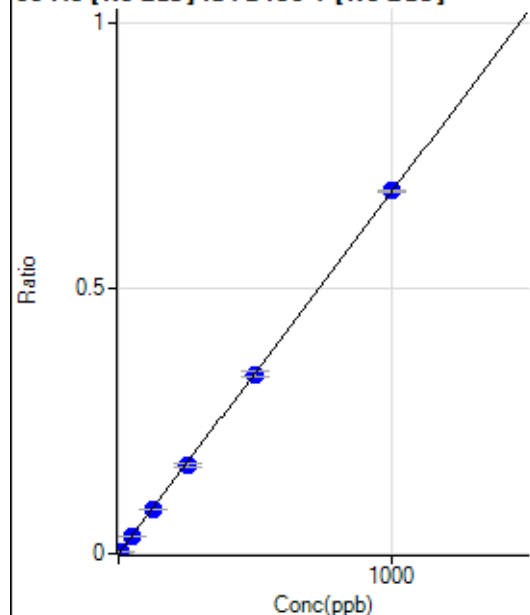
$$DL = 0.02625$$

$$BEC = 0.02434$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	3.746	20462.70	0.0026	P	1.5
4	☐	50.000	48.749	265784.61	0.0333	P	0.6
5	☐	125.000	123.407	676445.65	0.0842	P	0.7
6	☐	250.000	242.982	1361924.64	0.1658	P	4.3
7	☐	500.000	496.939	2782264.41	0.3391	P	2.4
8	☐	1000.000	1003.553	5656520.92	0.6848	P	0.3
9	☐			28629.63	0.0037	P	1.9

$$y = 6.8234\text{E-}004 * x + 2.1219\text{E-}005$$

$$R = 1.0000$$

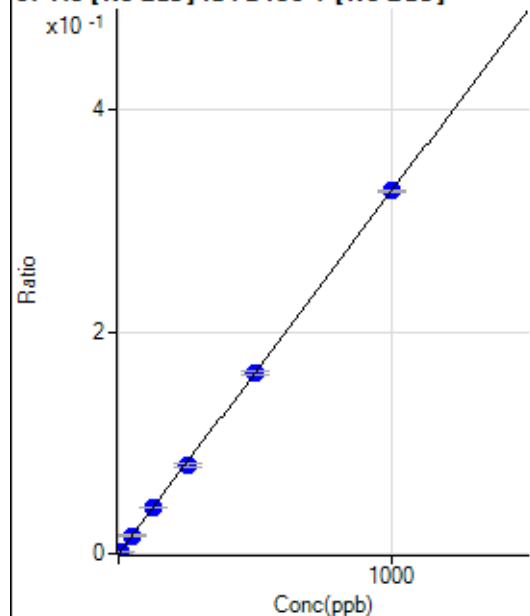
$$DL = 0.009736$$

$$BEC = 0.0311$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	10.5
2	☐	0.500					
3	☐	5.000	4.442	11641.34	0.0015	P	4.4
4	☐	50.000	50.221	131153.86	0.0164	P	2.2
5	☐	125.000	125.223	328764.38	0.0409	P	0.4
6	☐	250.000	246.353	661313.85	0.0805	P	4.4
7	☐	500.000	500.364	1341685.55	0.1635	P	2.4
8	☐	1000.000	1000.694	2701298.65	0.3270	P	0.5
9	☐			12853.50	0.0016	P	4.3

$$y = 3.2678\text{E-}004 * x + 1.4026\text{E-}005$$

$$R = 1.0000$$

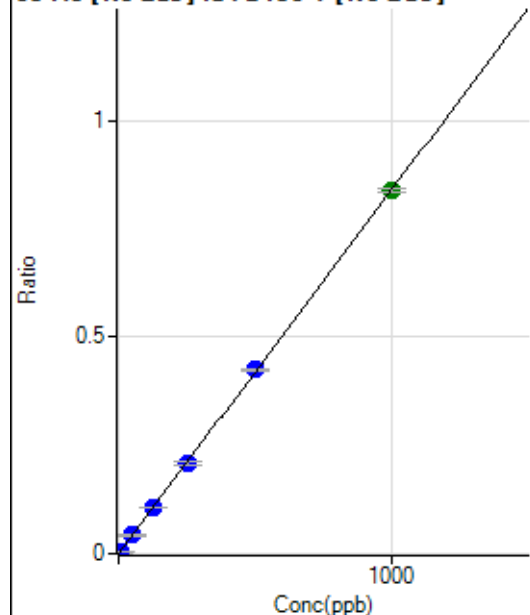
$$DL = 0.01348$$

$$BEC = 0.04292$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.478	30057.63	0.0038	P	2.5
4	☐	50.000	50.420	338365.00	0.0424	P	1.5
5	☐	125.000	126.495	853559.24	0.1063	P	0.6
6	☐	250.000	248.198	1712420.92	0.2085	P	4.6
7	☐	500.000	505.063	3481169.26	0.4243	P	1.9
8	☐	1000.000	997.714	6922783.31	0.8381	A	1.1
9	☐			31811.50	0.0041	P	3.1

$$y = 8.3997\text{E-}004 * x + 2.4735\text{E-}005$$

$$R = 1.0000$$

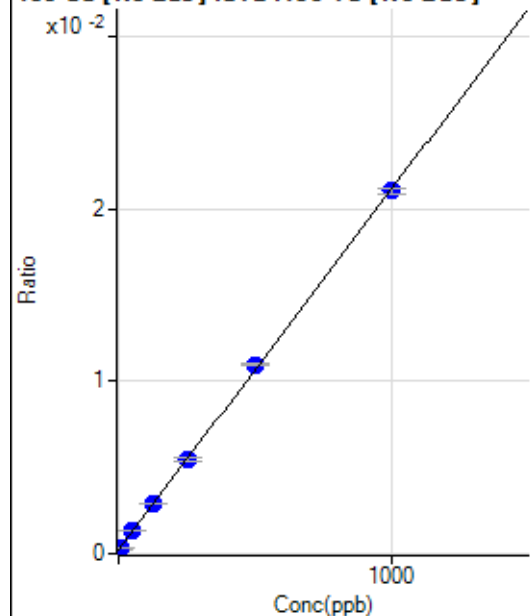
$$DL = 0.01431$$

$$BEC = 0.02945$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2978.22	0.0003	P	6.0
2	☐	0.100					
3	☐	1.000	0.626	3189.39	0.0003	P	2.9
4	☐	50.000	49.914	14368.99	0.0013	P	1.9
5	☐	125.000	124.055	31438.63	0.0029	P	1.4
6	☐	250.000	247.135	60307.15	0.0054	P	4.0
7	☐	500.000	512.579	119136.65	0.0110	P	1.7
8	☐	1000.000	994.549	230073.95	0.0210	P	1.3
9	☐			2936.55	0.0003	P	2.6

$$y = 2.0870\text{E-}005 * x + 2.8551\text{E-}004$$

$$R = 0.9999$$

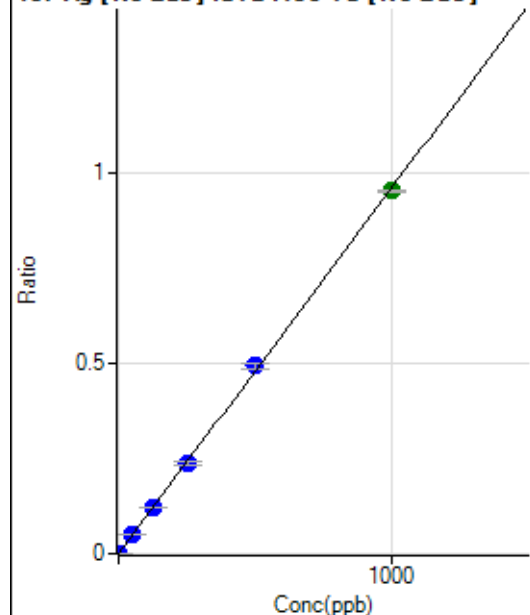
$$DL = 2.449$$

$$BEC = 13.68$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	37.7
2	☐	0.100					
3	☐	1.000	1.203	12417.09	0.0012	P	1.7
4	☐	50.000	51.520	535388.01	0.0495	P	1.1
5	☐	125.000	127.062	1333846.43	0.1220	P	0.9
6	☐	250.000	249.710	2655407.11	0.2397	P	4.4
7	☐	500.000	513.656	5347937.36	0.4931	P	2.3
8	☐	1000.000	992.910	10421233.22	0.9531	A	0.6
9	☐			1964.12	0.0002	P	7.6

$$y = 9.5988\text{E-}004 * x + 7.4700\text{E-}006$$

$$R = 0.9999$$

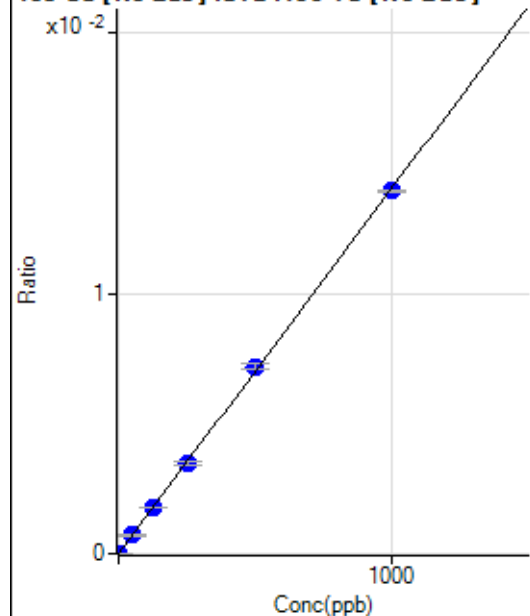
$$DL = 0.008812$$

$$BEC = 0.007782$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	1.5
2	☐	0.100					
3	☐	1.000	1.252	191.67	0.0000	P	1.6
4	☐	50.000	50.711	7692.53	0.0007	P	2.9
5	☐	125.000	126.305	19350.99	0.0018	P	2.5
6	☐	250.000	247.634	38435.62	0.0035	P	4.1
7	☐	500.000	512.479	77858.30	0.0072	P	3.1
8	☐	1000.000	994.153	152269.73	0.0139	P	0.5
9	☐			73.61	0.0000	P	16.8

$$y = 1.4007\text{E-}005 * x + 4.0007\text{E-}007$$

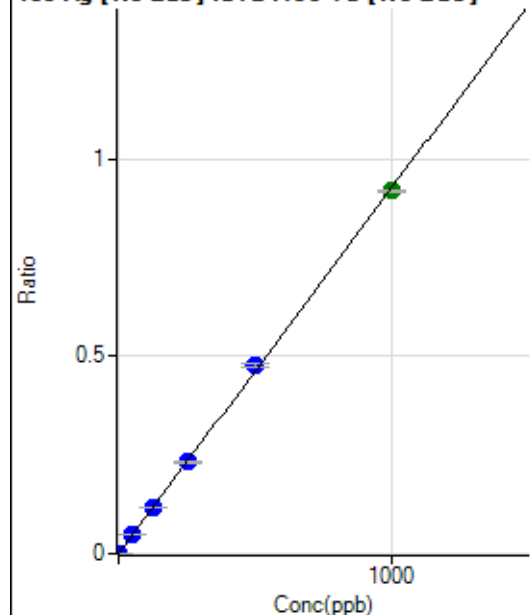
$$R = 0.9999$$

$$DL = 0.001316$$

$$BEC = 0.02856$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	51.6
2	☐	0.100					
3	☐	1.000	1.207	11980.58	0.0011	P	2.5
4	☐	50.000	51.509	516323.99	0.0477	P	0.3
5	☐	125.000	126.850	1284467.15	0.1175	P	1.0
6	☐	250.000	250.008	2564917.87	0.2315	P	3.7
7	☐	500.000	514.535	5167440.48	0.4764	P	2.4
8	☐	1000.000	992.424	10047574.27	0.9189	A	0.8
9	☐			2115.31	0.0002	P	23.8

$$y = 9.2592\text{E-}004 * x + 3.9785\text{E-}006$$

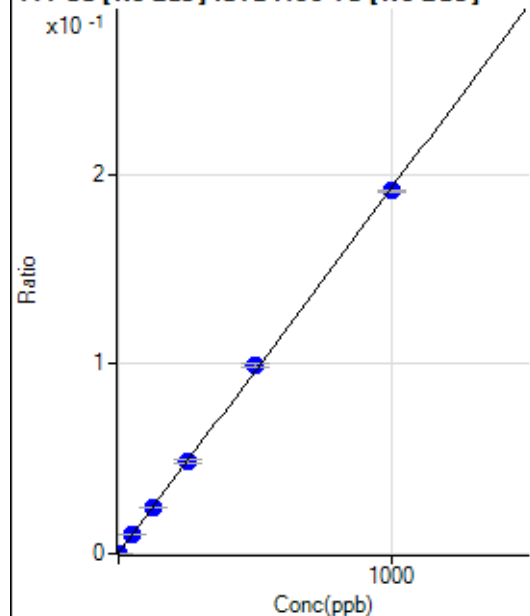
$$R = 0.9998$$

$$DL = 0.006651$$

$$BEC = 0.004297$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2092.95	0.0002	P	6.2
2	☐	0.100					
3	☐	1.000	0.877	3945.79	0.0004	P	3.2
4	☐	50.000	51.095	108577.89	0.0100	P	0.4
5	☐	125.000	127.277	269958.86	0.0247	P	1.0
6	☐	250.000	250.045	535137.81	0.0483	P	4.2
7	☐	500.000	513.755	1074213.11	0.0990	P	2.2
8	☐	1000.000	992.772	2090530.51	0.1912	P	0.6
9	☐			2633.25	0.0003	P	5.2

$$y = 1.9238\text{E-}004 * x + 2.0064\text{E-}004$$

$$R = 0.9999$$

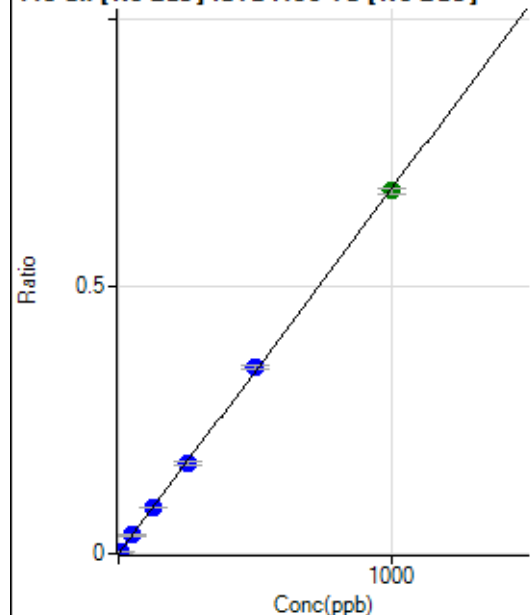
$$DL = 0.1953$$

$$BEC = 1.043$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1450.14	0.0001	P	4.0
2	☐	0.500					
3	☐	5.000	4.329	33039.58	0.0031	P	3.5
4	☐	50.000	50.126	371771.40	0.0343	P	1.5
5	☐	125.000	124.552	931029.65	0.0851	P	0.6
6	☐	250.000	246.603	1865830.73	0.1684	P	4.3
7	☐	500.000	512.368	3794066.75	0.3498	P	2.0
8	☐	1000.000	994.718	7423638.62	0.6789	A	1.4
9	☐			11344.03	0.0011	P	6.6

$$y = 6.8242\text{E-}004 * x + 1.3912\text{E-}004$$

$$R = 0.9999$$

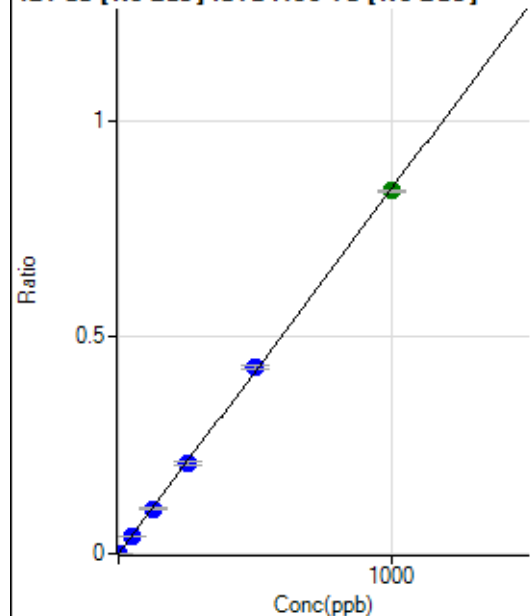
$$DL = 0.0245$$

$$BEC = 0.2039$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	33.6
2	☐	0.200					
3	☐	2.000	1.822	16479.69	0.0015	P	0.8
4	☐	50.000	49.250	449309.99	0.0415	P	0.6
5	☐	125.000	123.799	1140894.33	0.1043	P	0.2
6	☐	250.000	245.562	2292193.67	0.2069	P	4.6
7	☐	500.000	513.436	4692712.95	0.4326	P	2.2
8	☐	1000.000	994.580	9163619.65	0.8381	A	0.8
9	☐			31700.50	0.0031	P	1.3

$$y = 8.4263\text{E-}004 * x + 7.2044\text{E-}006$$

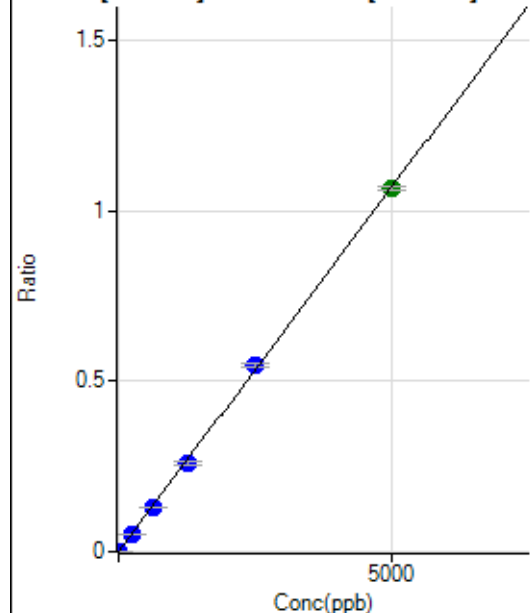
$$R = 0.9999$$

$$DL = 0.008615$$

$$BEC = 0.00855$$

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	66.67	0.0000	P	13.6
2	☐	1.000					
3	☐	10.000	8.826	20251.62	0.0019	P	2.1
4	☐	250.000	245.022	567635.08	0.0524	P	1.2
5	☐	625.000	618.210	1446811.37	0.1323	P	0.6
6	☐	1250.000	1219.103	2890527.45	0.2609	P	3.8
7	☐	2500.000	2558.271	5938191.76	0.5475	P	2.0
8	☐	5000.000	4979.689	11651729.68	1.0656	A	0.9
9	☐			5320.72	0.0005	P	3.5

$$y = 2.1399\text{E-}004 * x + 6.4015\text{E-}006$$

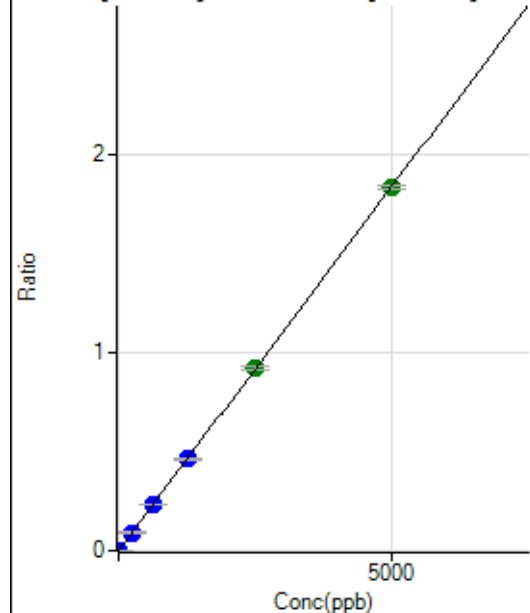
$$R = 0.9999$$

$$DL = 0.01221$$

$$BEC = 0.02991$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	42.3
2	☐	1.000					
3	☐	10.000	9.068	35643.95	0.0033	P	0.3
4	☐	250.000	250.755	996564.73	0.0921	P	0.6
5	☐	625.000	627.433	2519041.83	0.2303	P	0.8
6	☐	1250.000	1255.771	5107494.78	0.4610	P	4.1
7	☐	2500.000	2520.974	10038508.21	0.9255	A	2.3
8	☐	5000.000	4987.730	20021595.41	1.8311	A	1.0
9	☐			9361.90	0.0009	P	5.8

$$y = 3.6712\text{E-}004 * x + 6.9031\text{E-}006$$

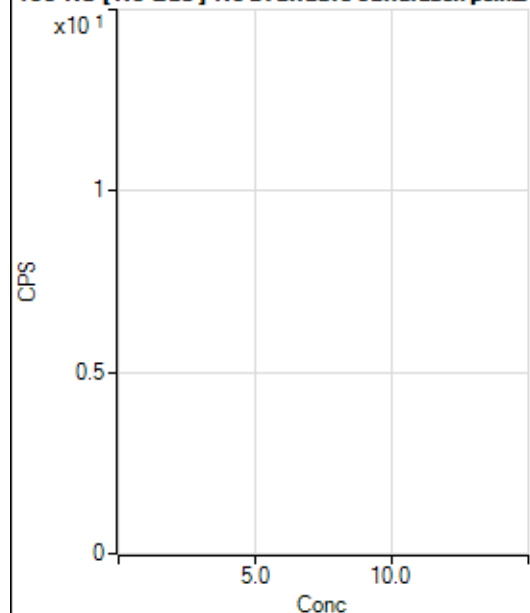
$$R = 1.0000$$

$$DL = 0.02387$$

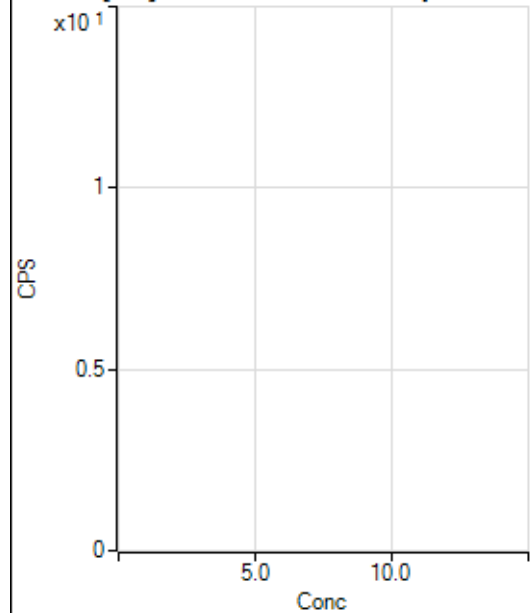
$$BEC = 0.0188$$

Weight: <None>

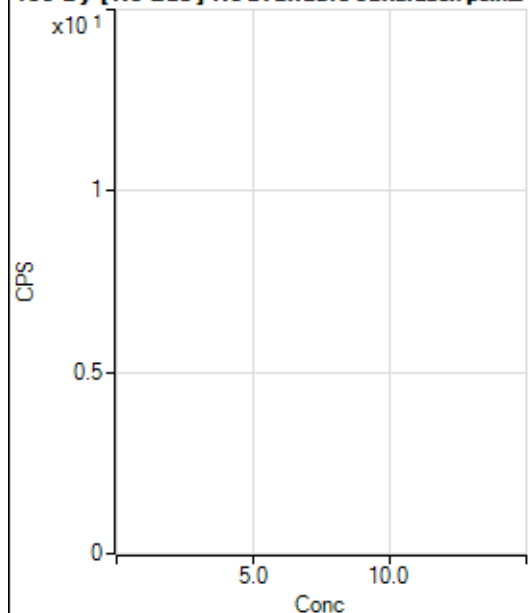
Min Conc: 0

150 Nd [No Gas] No available calibration points

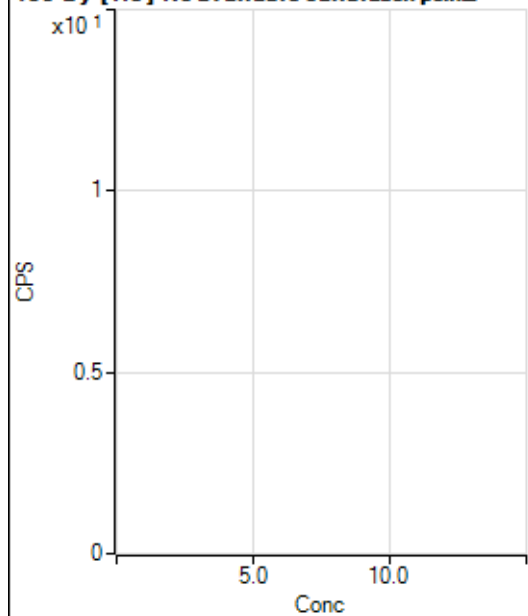
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			11.11		P	91.7
4	☐			71.11		P	69.1
5	☐			97.78		P	19.7
6	☐			257.79		P	6.0
7	☐			566.70		P	6.2
8	☐			968.95		P	2.9
9	☐			128.90		P	20.9

150 Nd [He] No available calibration points

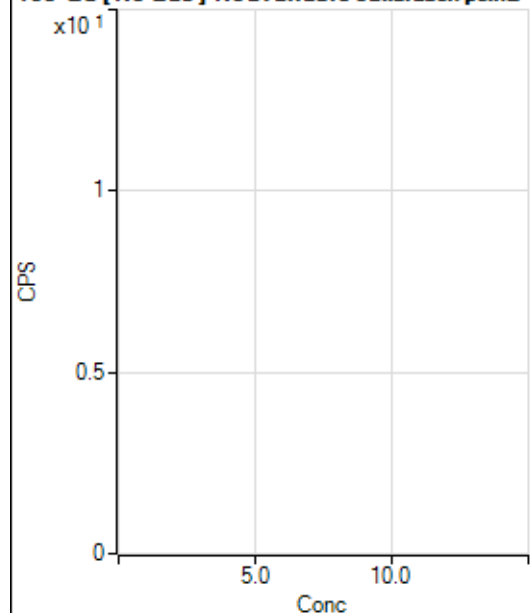
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			4.44		P	43.4
4	☐			3.33		P	0.0
5	☐			12.22		P	31.5
6	☐			20.00		P	28.9
7	☐			53.33		P	33.1
8	☐			107.78		P	7.8
9	☐			44.44		P	48.8

156 Dy [No Gas] No available calibration points

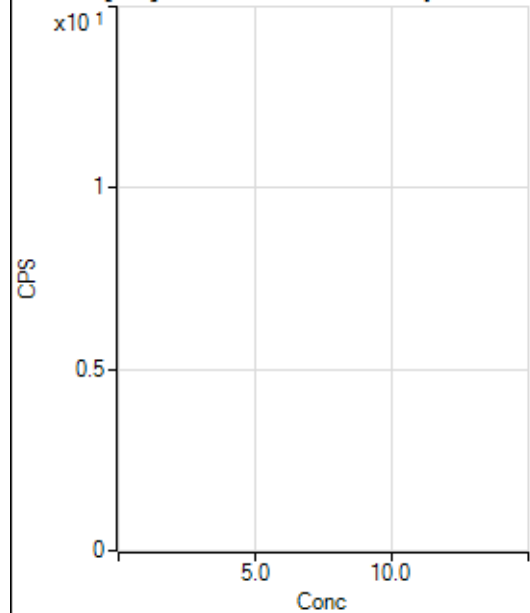
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			0.00		P	
4	☐			27.78		P	17.3
5	☐			52.78		P	48.2
6	☐			88.89		P	35.5
7	☐			161.12		P	18.2
8	☐			275.01		P	30.8
9	☐			222.23		P	9.4

156 Dy [He] No available calibration points

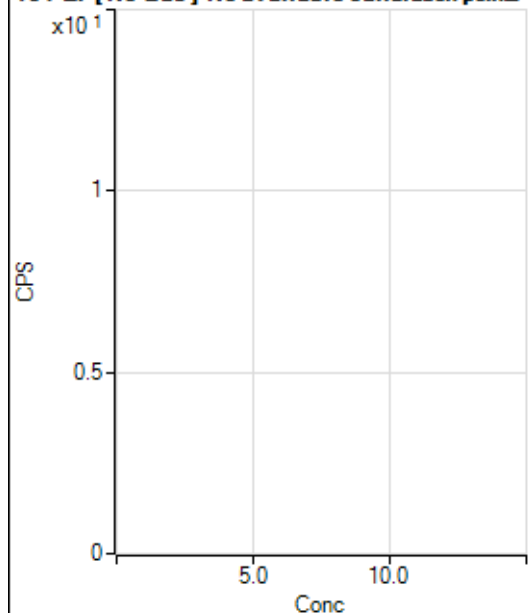
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			8.89		P	57.3
5	☐			18.89		P	36.7
6	☐			35.56		P	35.5
7	☐			70.00		P	12.6
8	☐			96.67		P	11.9
9	☐			92.23		P	9.1

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

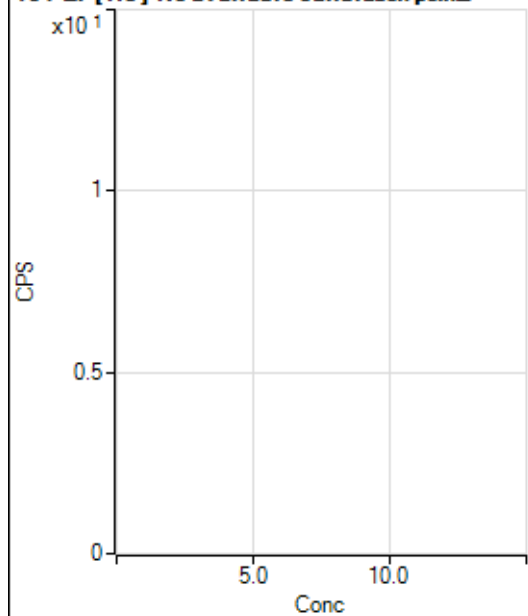
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.12		P	34.3
2	☐						
3	☐			72.23		P	17.6
4	☐			52.78		P	45.6
5	☐			58.34		P	65.5
6	☐			80.56		P	15.8
7	☐			75.00		P	11.1
8	☐			91.67		P	31.5
9	☐			186.12		P	10.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.34		P	9.4
2	☐						
3	☐			94.45		P	8.2
4	☐			78.89		P	20.0
5	☐			91.11		P	26.0
6	☐			96.67		P	19.2
7	☐			80.00		P	14.4
8	☐			126.67		P	18.4
9	☐			120.00		P	22.0

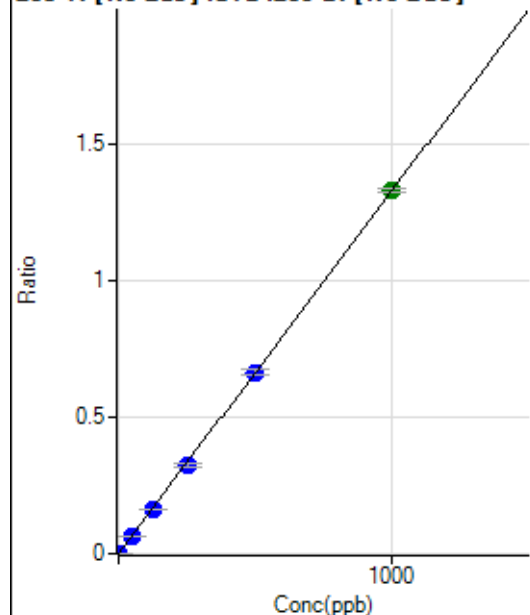
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			38.89		P	75.3
4	☐			41.67		P	52.9
5	☐			44.45		P	47.2
6	☐			38.89		P	61.9
7	☐			69.45		P	56.7
8	☐			50.00		P	44.1
9	☐			77.78		P	12.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	37.8
2	☐						
3	☐			16.67		P	52.9
4	☐			16.66		P	34.6
5	☐			17.78		P	28.6
6	☐			17.78		P	57.3
7	☐			23.34		P	24.7
8	☐			25.55		P	52.7
9	☐			38.89		P	17.8

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.02	0.0000	P	4.2
2	☐	0.100					
3	☐	1.000	0.875	8394.66	0.0012	P	1.5
4	☐	50.000	49.226	455322.11	0.0654	P	1.8
5	☐	125.000	122.963	1137955.13	0.1633	P	1.9
6	☐	250.000	245.519	2279152.41	0.3261	P	3.6
7	☐	500.000	500.082	4539636.52	0.6641	P	2.8
8	☐	1000.000	1001.373	8856031.79	1.3298	A	1.0
9	☐			5331.86	0.0009	P	2.5

$$y = 0.0013 * x + 4.3021E-005$$

$$R = 1.0000$$

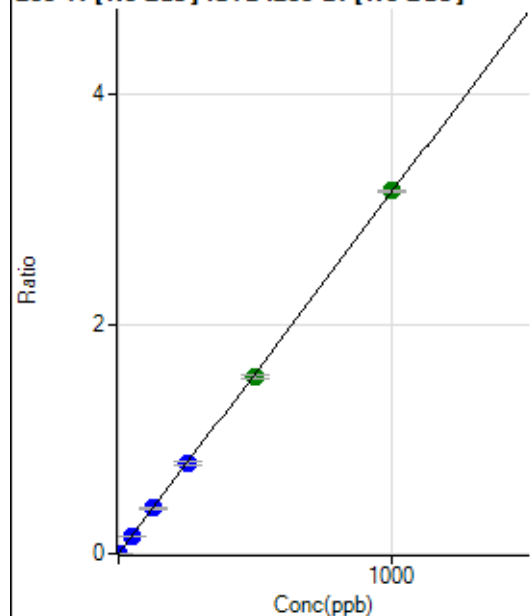
$$DL = 0.004105$$

$$BEC = 0.0324$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	644.49	0.0001	P	8.8
2	☐	0.100					
3	☐	1.000	0.903	20435.89	0.0029	P	1.5
4	☐	50.000	50.082	1097423.03	0.1577	P	1.6
5	☐	125.000	125.214	2745420.66	0.3940	P	1.6
6	☐	250.000	251.630	5534407.03	0.7917	P	3.4
7	☐	500.000	490.395	10547451.97	1.5429	A	2.5
8	☐	1000.000	1004.364	21044642.66	3.1599	A	0.6
9	☐			13070.85	0.0023	P	4.9

$$y = 0.0031 * x + 9.2474E-005$$

$$R = 0.9999$$

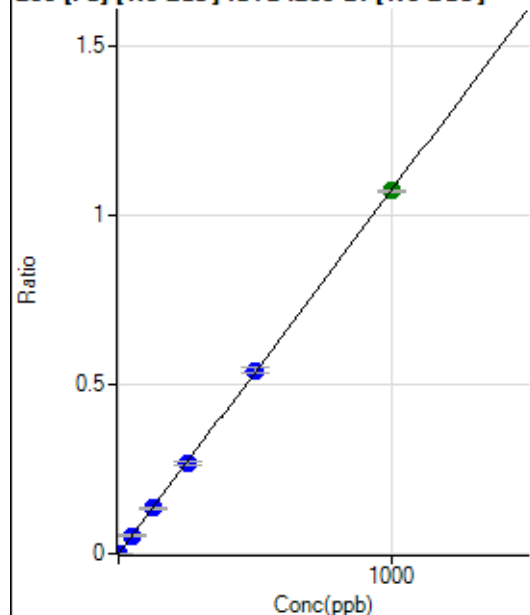
$$DL = 0.007799$$

$$BEC = 0.02939$$

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	872.28	0.0001	P	1.8
2	☐	0.100					
3	☐	1.000	1.077	8918.07	0.0013	P	6.0
4	☐	50.000	50.047	374823.50	0.0538	P	1.5
5	☐	125.000	125.095	936450.41	0.1344	P	1.7
6	☐	250.000	248.203	1863292.92	0.2665	P	3.2
7	☐	500.000	504.441	3702320.98	0.5416	P	2.6
8	☐	1000.000	998.215	7136773.37	1.0716	A	0.8
9	☐			14975.44	0.0026	P	1.6

$$y = 0.0011 * x + 1.2503E-004$$

$$R = 1.0000$$

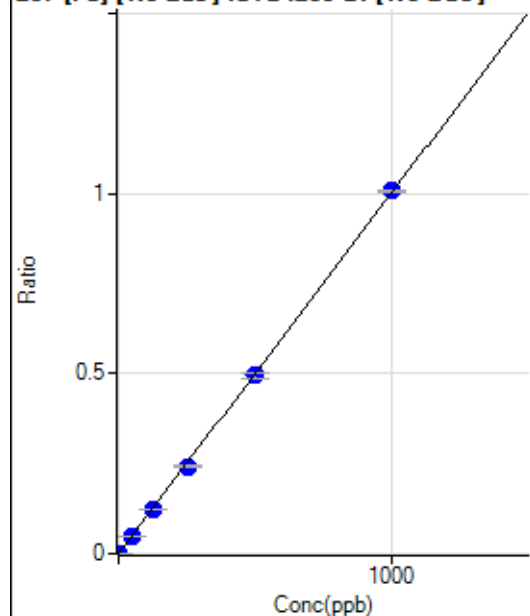
$$DL = 0.006292$$

$$BEC = 0.1165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	794.49	0.0001	P	3.1
2	☐	0.100					
3	☐	1.000	0.987	7670.98	0.0011	P	1.4
4	☐	50.000	48.884	341286.33	0.0490	P	0.8
5	☐	125.000	121.495	847777.52	0.1217	P	1.4
6	☐	250.000	242.060	1693625.62	0.2423	P	3.6
7	☐	500.000	493.385	3375325.39	0.4938	P	2.5
8	☐	1000.000	1005.787	6702710.16	1.0064	P	0.4
9	☐			12834.31	0.0022	P	3.7

$$y = 0.0010 * x + 1.1388E-004$$

$$R = 0.9999$$

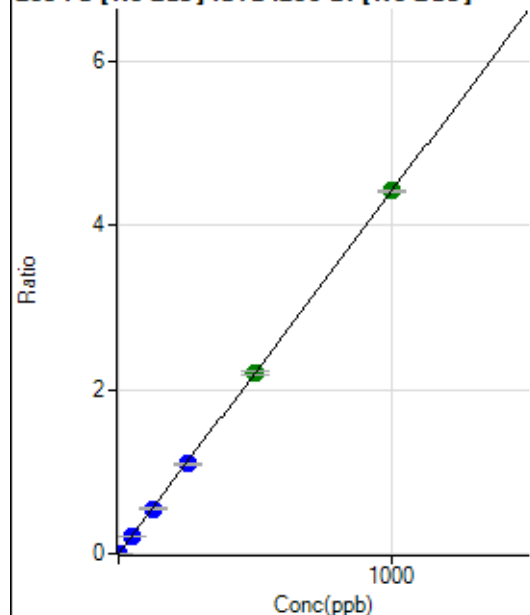
$$DL = 0.01069$$

$$BEC = 0.1138$$

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	3418.79	0.0005	P	2.8
2	☐	0.100					
3	☐	1.000	1.029	35072.74	0.0050	P	3.0
4	☐	50.000	49.671	1530969.87	0.2199	P	1.4
5	☐	125.000	124.198	3826448.50	0.5492	P	1.5
6	☐	250.000	247.740	7654474.16	1.0950	P	3.1
7	☐	500.000	498.419	15056109.22	2.2024	A	2.3
8	☐	1000.000	1001.472	29468718.02	4.4248	A	0.7
9	☐			58876.29	0.0102	P	0.3

$$y = 0.0044 * x + 4.8981E-004$$

$$R = 1.0000$$

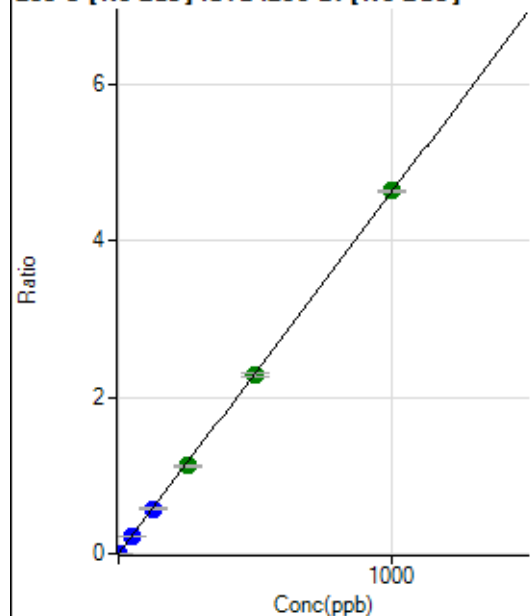
$$DL = 0.009472$$

$$BEC = 0.1109$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0000	P	17.0
2	☐	0.100					
3	☐	1.000	0.877	28560.17	0.0041	P	2.2
4	☐	50.000	49.046	1578368.55	0.2268	P	2.3
5	☐	125.000	124.878	4022460.94	0.5773	P	1.5
6	☐	250.000	243.298	7863495.92	1.1247	A	2.6
7	☐	500.000	495.904	15672745.14	2.2924	A	1.8
8	☐	1000.000	1003.786	30903639.58	4.6401	A	0.4
9	☐			7338.50	0.0013	P	5.8

$$y = 0.0046 * x + 4.5007E-005$$

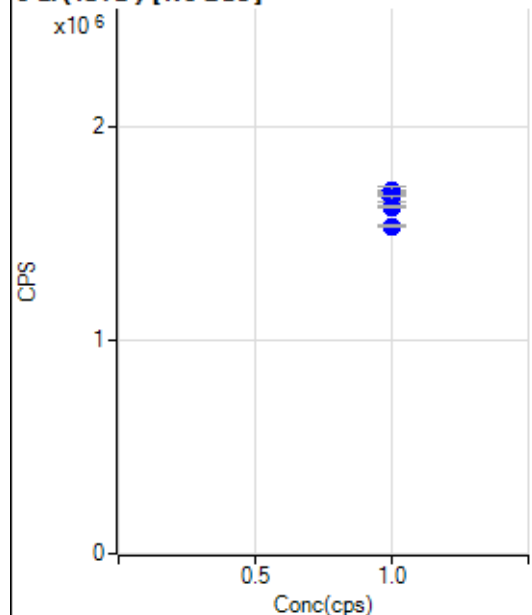
$$R = 1.0000$$

$$DL = 0.004975$$

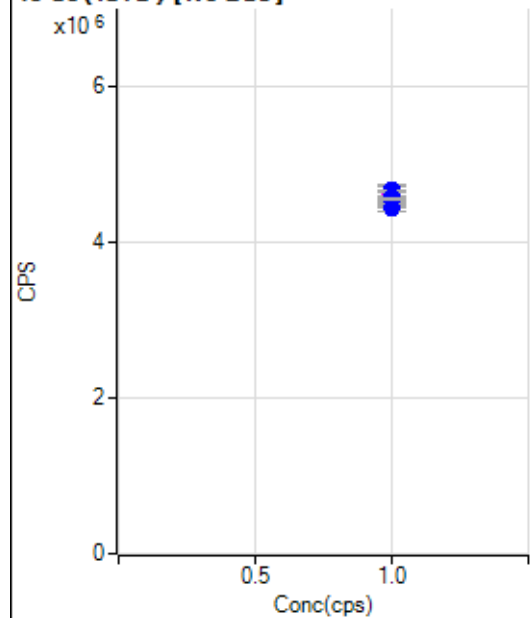
$$BEC = 0.009736$$

Weight: <None>

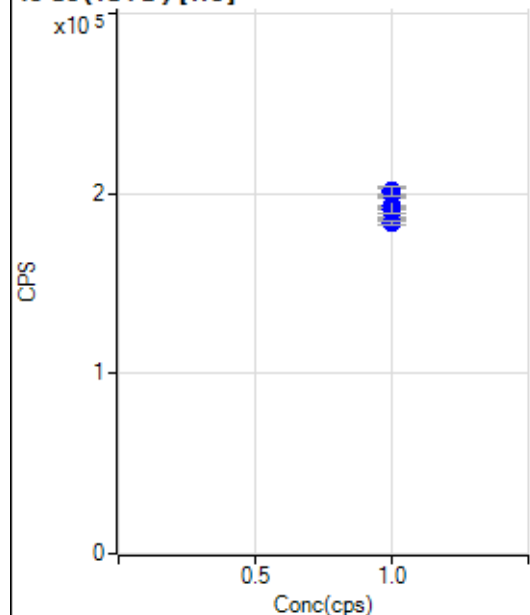
Min Conc: 0

6 Li (ISTD) [No Gas]

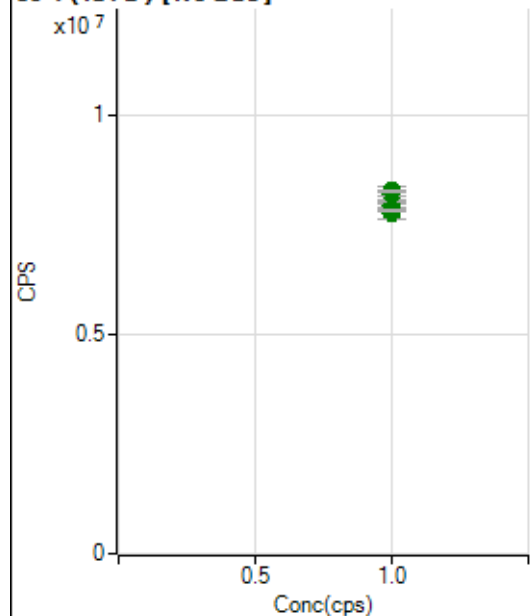
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1661671.19		P	1.5
2	☐	1.000					
3	☐	1.000		1688536.33		P	0.8
4	☐	1.000		1694544.30		P	0.1
5	☐	1.000		1698002.73		P	0.1
6	☐	1.000		1697080.41		P	3.1
7	☐	1.000		1661429.21		P	1.3
8	☐	1.000		1624342.34		P	0.4
9	☐	1.000		1530416.42		P	0.6

45 Sc (ISTD) [No Gas]

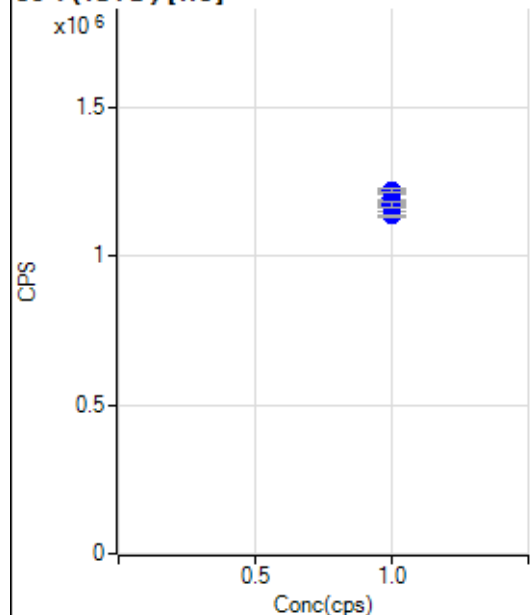
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4450002.05		P	2.5
2	☐	1.000					
3	☐	1.000		4466297.02		P	0.7
4	☐	1.000		4483730.65		P	0.4
5	☐	1.000		4516404.14		P	0.9
6	☐	1.000		4621681.44		M	5.2
7	☐	1.000		4650247.89		P	2.7
8	☐	1.000		4664897.54		P	0.9
9	☐	1.000		4562182.43		P	0.7

45 Sc (ISTD) [He]

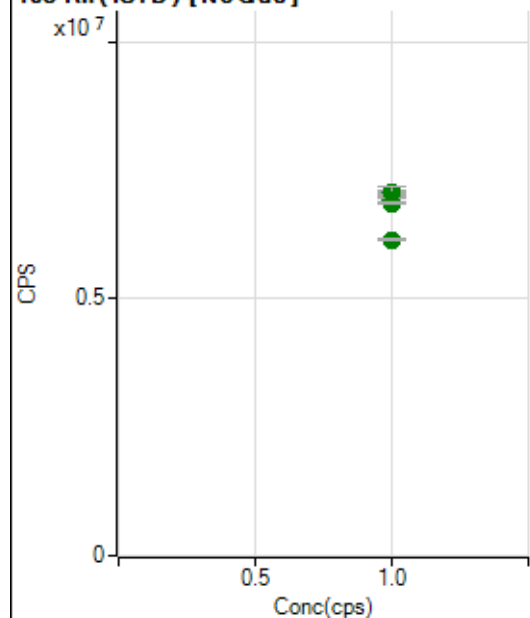
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		192102.90		P	1.1
2	☐	1.000					
3	☐	1.000		186536.81		P	0.7
4	☐	1.000		190720.47		P	2.0
5	☐	1.000		183544.26		P	0.9
6	☐	1.000		193193.76		P	4.3
7	☐	1.000		199387.40		P	0.6
8	☐	1.000		201224.89		P	1.2
9	☐	1.000		201519.59		P	2.5

89 Y (ISTD) [No Gas]

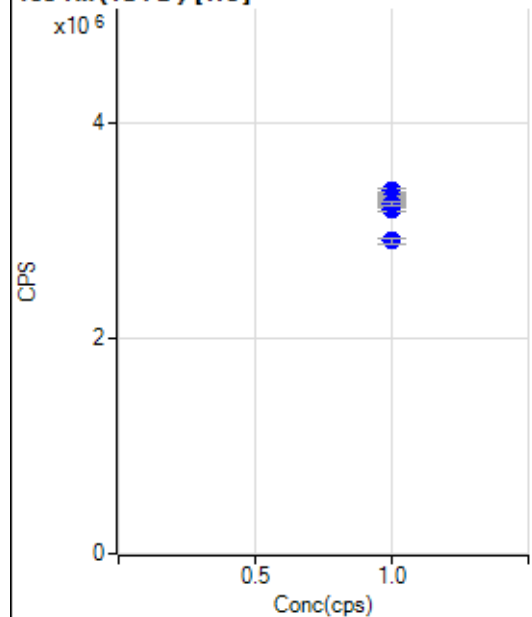
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7739003.91		A	2.8
2	☐	1.000					
3	☐	1.000		7940739.46		A	1.1
4	☐	1.000		7985576.48		A	0.8
5	☐	1.000		8031555.71		A	0.7
6	☐	1.000		8222143.84		A	3.7
7	☐	1.000		8206820.43		A	1.5
8	☐	1.000		8260412.24		A	0.7
9	☐	1.000		7813567.31		A	0.5

89 Y(ISTD) [He]

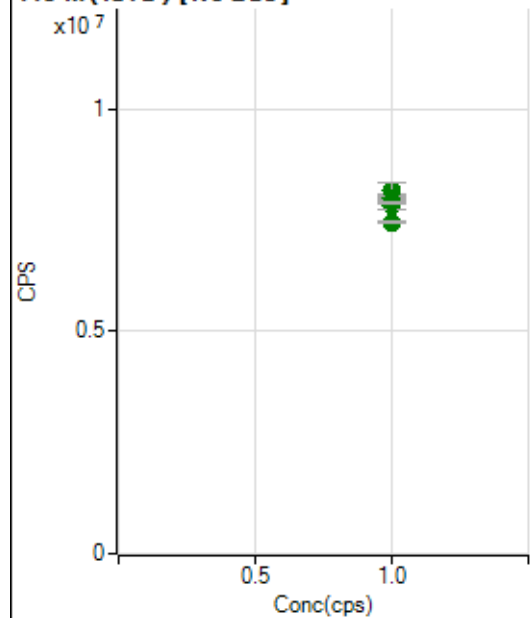
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1177770.72		P	1.3
2	☐	1.000					
3	☐	1.000		1149897.71		P	0.3
4	☐	1.000		1168067.53		P	1.4
5	☐	1.000		1133851.17		P	0.5
6	☐	1.000		1191170.39		P	3.0
7	☐	1.000		1213453.41		P	0.8
8	☐	1.000		1217488.88		P	0.9
9	☐	1.000		1171795.47		P	1.7

103 Rh(ISTD) [No Gas]

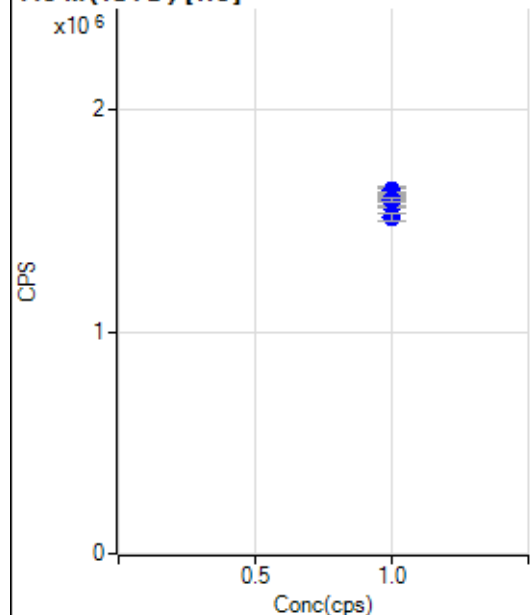
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6912649.28		A	2.4
2	☐	1.000					
3	☐	1.000		7047700.59		A	1.5
4	☐	1.000		7046371.77		A	0.6
5	☐	1.000		7028841.48		A	0.3
6	☐	1.000		7058143.21		A	3.3
7	☐	1.000		6913711.18		A	1.4
8	☐	1.000		6860978.36		A	1.0
9	☐	1.000		6142932.99		A	0.4

103 Rh (ISTD) [He]

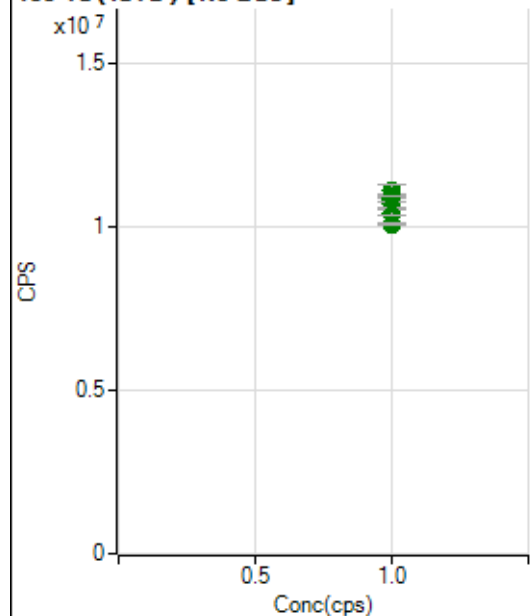
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3369940.37		P	1.2
2	☐	1.000					
3	☐	1.000		3286682.80		P	0.5
4	☐	1.000		3316486.55		P	1.4
5	☐	1.000		3200418.11		P	0.8
6	☐	1.000		3302444.32		P	2.9
7	☐	1.000		3312731.89		P	0.7
8	☐	1.000		3245261.27		P	1.2
9	☐	1.000		2905104.09		P	1.9

115 In (ISTD) [No Gas]

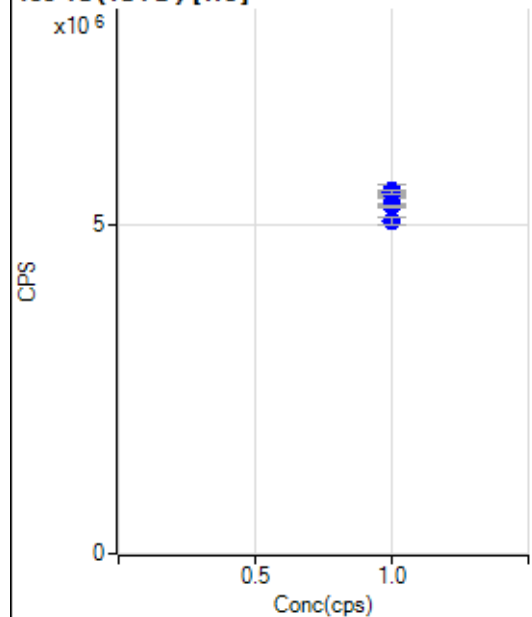
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7848549.19		A	2.2
2	☐	1.000					
3	☐	1.000		7994414.73		A	0.9
4	☐	1.000		8063086.81		A	0.5
5	☐	1.000		8074648.00		A	0.7
6	☐	1.000		8162621.98		A	4.3
7	☐	1.000		8001850.84		A	1.6
8	☐	1.000		7904059.84		A	0.6
9	☐	1.000		7449455.09		A	0.6

115 In (ISTD) [He]

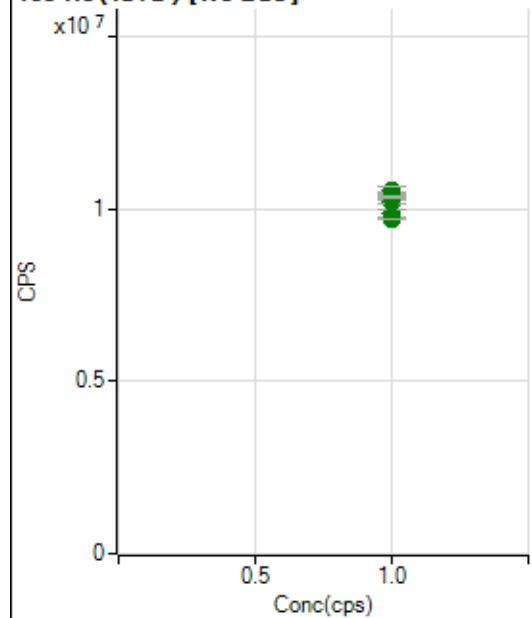
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1633840.89		P	1.3
2	☐	1.000					
3	☐	1.000		1601262.55		P	0.6
4	☐	1.000		1620238.38		P	1.4
5	☐	1.000		1564202.56		P	0.7
6	☐	1.000		1629426.91		P	3.1
7	☐	1.000		1624948.62		P	0.8
8	☐	1.000		1594539.56		P	1.0
9	☐	1.000		1516842.27		P	2.0

159 Tb (ISTD) [No Gas]

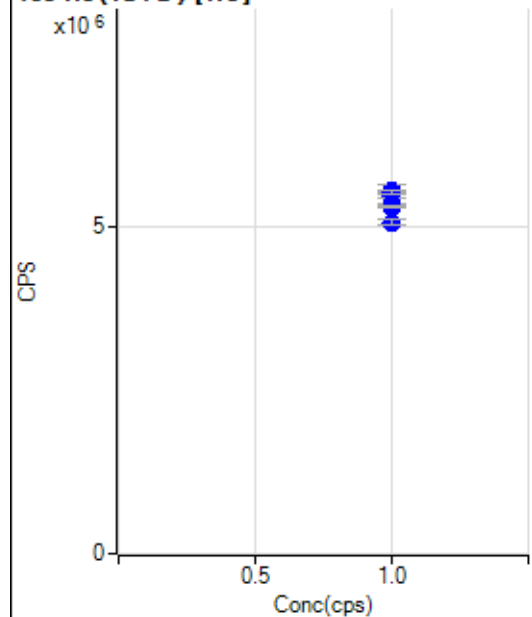
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10424845.61		A	1.5
2	☐	1.000					
3	☐	1.000		10685044.63		A	1.6
4	☐	1.000		10825165.39		A	0.8
5	☐	1.000		10936200.12		A	0.7
6	☐	1.000		11090689.56		A	3.9
7	☐	1.000		10849257.06		A	1.7
8	☐	1.000		10934471.23		A	0.5
9	☐	1.000		10066367.49		A	0.4

159 Tb (ISTD) [He]

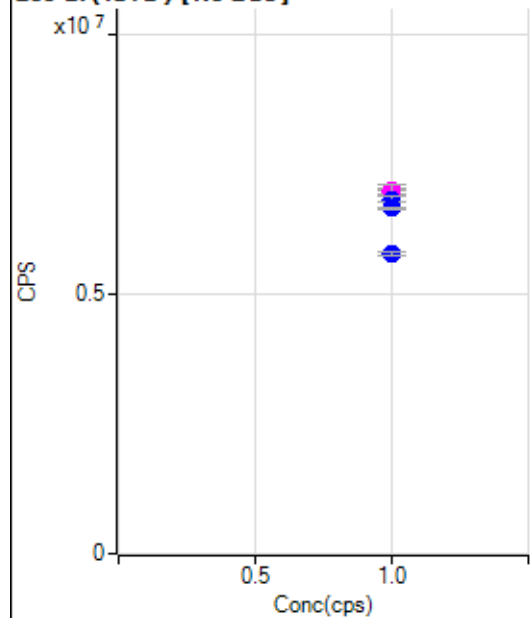
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5435560.37		P	1.0
2	☐	1.000					
3	☐	1.000		5310073.32		P	0.2
4	☐	1.000		5419583.39		P	1.2
5	☐	1.000		5265054.82		P	0.4
6	☐	1.000		5502265.09		P	3.0
7	☐	1.000		5495674.99		P	0.8
8	☐	1.000		5487253.04		P	0.9
9	☐	1.000		5034450.13		P	2.3

165 Ho (ISTD) [No Gas]

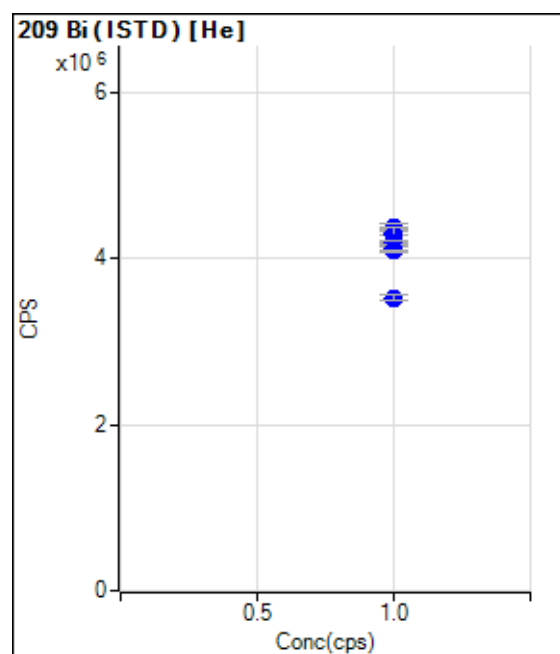
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9894717.32		A	2.1
2	☐	1.000					
3	☐	1.000		10225986.43		A	1.0
4	☐	1.000		10307480.09		A	0.3
5	☐	1.000		10413133.48		A	1.0
6	☐	1.000		10537891.90		A	2.9
7	☐	1.000		10393231.14		A	1.9
8	☐	1.000		10363153.36		A	0.4
9	☐	1.000		9716808.64		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5460943.39		P	1.3
2	☐	1.000					
3	☐	1.000		5323983.49		P	0.5
4	☐	1.000		5460042.49		P	1.3
5	☐	1.000		5297154.85		P	0.7
6	☐	1.000		5546234.99		P	3.5
7	☐	1.000		5533739.64		P	0.7
8	☐	1.000		5514161.55		P	1.1
9	☐	1.000		5057527.39		P	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6977162.47		P	2.1
2	☐	1.000					
3	☐	1.000		6963928.85		P	1.4
4	☐	1.000		6962478.78		M	2.0
5	☐	1.000		6968688.57		M	1.5
6	☐	1.000		6995078.58		M	3.1
7	☐	1.000		6838354.76		P	2.0
8	☐	1.000		6660066.84		P	0.6
9	☐	1.000		5783299.98		P	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4370984.03		P	2.0
2	☐	1.000					
3	☐	1.000		4199076.57		P	0.6
4	☐	1.000		4319109.03		P	1.6
5	☐	1.000		4124878.97		P	0.8
6	☐	1.000		4292986.53		P	3.8
7	☐	1.000		4199211.64		P	0.9
8	☐	1.000		4091473.83		P	0.8
9	☐	1.000		3526715.40		P	2.0

US EPA Tune Check Sample Report

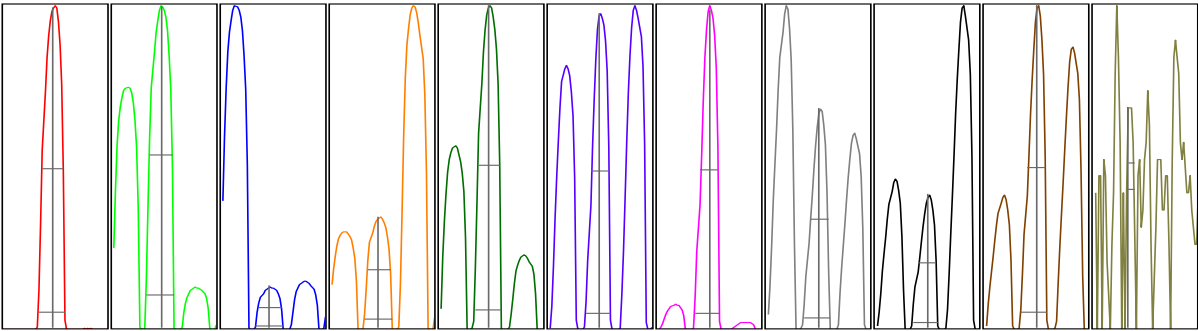
Batch Folder D:\ICP-MS Data\P7071317 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6767	0.58	5.00	
24	61347	1.17	5.00	
25	8086	1.38	5.00	
26	9334	0.92	5.00	
59	74236	0.48	5.00	
113	10083	0.42	5.00	
115	133821	0.76	5.00	
206	31111	0.78	5.00	
207	27906	0.73	5.00	
208	67305	0.89	5.00	
220	0	28.00		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6741	6756	6746	6754	6836
24	60229	61030	61678	61835	61963
25	7938	7998	8144	8157	8194
26	9213	9295	9400	9335	9429
59	73893	73944	74255	74303	74786
113	10074	10124	10093	10016	10108
115	134650	135028	133777	132921	132727
206	30790	31065	31222	31032	31448
207	27628	27868	27852	28002	28177
208	66703	66769	67217	67781	68056
220	1	0	0	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11538	8.95	8.9 - 9.1		0.777	0.900	
24	96897	23.95	23.9 - 24.1		0.806	0.900	
25	12627	24.90	24.9 - 25.1		0.789	0.900	
26	14474	25.90	25.9 - 26.1		0.804	0.900	
59	124733	58.95	58.9 - 59.1		0.783	0.900	
113	19610	113.00	112.9 - 113.1		0.721	0.900	
115	259534	115.05	114.9 - 115.1		0.723	0.900	
206	62030	206.05	205.9 - 206.1		0.774	0.900	
207	55213	207.05	206.9 - 207.1		0.739	0.900	
208	133354	208.05	207.9 - 208.1		0.755	0.900	
220	1	219.55	-		0.210		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.0	V	Deflect	14.4	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	18238	1.82	
89	12579	1.50	
205	28159	1.75	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	18626	17854	17930	18372	18407
89	12852	12357	12456	12603	12628
205	28701	27692	27584	28420	28399

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	1.6	V
Extract 2	-155.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.04	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	0.00	-0.04	0.00	N/A	ppb
Boron	11-1	0.00	-0.11	0.11	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.06	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.87	0.76	0.11	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-1.06	0.63	0.43	0.00	N/A	ppb
Calcium	44-1	0.14	-0.59	0.45	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.04	-0.04	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	0.00	0.07	-0.08	0.00	N/A	ppb
Iron	57-2	-0.79	0.38	0.40	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.36	0.28	-0.65	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.03	0.00	N/A	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Phosphorus	31-2	15.57	1.78	-8.82	2.84	430.05	ppb
Potassium	39-2	-0.55	0.58	-0.04	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	0.21	-0.02	0.00	N/A	ppb
Selenium	82-1	-0.06	-0.50	0.56	0.00	N/A	ppb
Silicon	28-1	2.08	-1.37	-0.71	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	-0.71	-0.68	1.40	0.00	N/A	ppb
Strontium	86-1	0.07	-0.05	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	281.31	-113.38	224.11	130.68	163.21	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.07	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

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

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.54	19.68	16.57	17.93	8.88	ppb
Antimony	121-1	1.84	1.82	1.81	1.82	0.84	ppb
Arsenic	75-2	0.98	0.80	1.06	0.94	14.21	ppb
Barium	135-1	8.81	9.02	8.65	8.83	2.13	ppb
Barium	137-1	9.06	9.04	9.10	9.07	0.33	ppb
Beryllium	9-1	0.92	0.93	1.00	0.95	4.34	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	19.66	18.14	22.28	20.03	10.45	ppb
Boron	11-1	19.43	20.78	20.66	20.29	3.69	ppb
Cadmium	111-1	0.93	0.81	0.89	0.88	7.04	ppb
Cadmium	106-1	1.02	0.20	0.66	0.63	65.59	ppb
Cadmium	108-1	1.28	1.24	1.24	1.25	1.69	ppb
Calcium	43-1	437.39	459.16	438.40	444.98	2.76	ppb
Calcium	44-1	442.40	447.41	452.65	447.49	1.15	ppb
Chromium	52-2	1.97	2.03	2.02	2.01	1.51	ppb
Cobalt	59-2	0.91	0.92	0.92	0.92	0.54	ppb
Copper	63-2	2.19	2.08	2.11	2.13	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	47.65	47.33	46.87	47.28	0.83	ppb
Iron	57-2	49.24	46.47	46.05	47.25	3.67	ppb
Lead	206-1	1.15	1.07	1.01	1.08	6.60	ppb
Lead	207-1	1.00	0.98	0.97	0.99	1.55	ppb
Lead	208-1	1.07	1.01	1.01	1.03	3.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	458.04	453.72	443.63	451.80	1.64	ppb
Manganese	55-2	0.89	0.92	0.92	0.91	2.12	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.04	1.96	1.95	1.98	2.64	ppb
Molybdenum	95-1	4.43	4.45	4.55	4.48	1.52	ppb
Molybdenum	96-1	3.75	3.80	3.69	3.75	1.51	ppb
Molybdenum	97-1	4.24	4.46	4.63	4.44	4.48	ppb
Molybdenum	98-1	4.59	4.36	4.48	4.48	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.98	1.03	0.97	5.77	ppb
Phosphorus	31-2	-1.08	1.07	-8.53	-2.84		ppb
Potassium	39-2	444.42	444.63	443.67	444.24	0.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	4.21	2.41	1.80	2.80	44.80	ppb
Selenium	78-2	5.85	4.17	5.12	5.05	16.75	ppb
Selenium	82-1	4.26	3.70	5.35	4.44	18.99	ppb
Silicon	28-1	9.27	7.95	8.48	8.57	7.79	ppb
Silver	109-1	1.23	1.22	1.17	1.21	2.48	ppb
Silver	107-1	1.20	1.19	1.23	1.20	1.74	ppb
Sodium	23-2	470.95	458.46	465.36	464.92	1.35	ppb
Strontium	86-1	0.96	0.95	0.98	0.96	1.90	ppb
Strontium	88-1	0.93	0.93	0.95	0.94	1.22	ppb
Sulfur	34-1	-148.84	-147.68	-95.53	-130.68		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.89	0.88	0.86	0.88	1.55	ppb
Thallium	205-1	0.89	0.90	0.92	0.90	1.55	ppb
Tin	118-1	4.45	4.15	4.38	4.33	3.66	ppb
Titanium	47-1	4.36	4.07	4.35	4.26	3.84	ppb
Uranium	238-1	0.87	0.87	0.90	0.88	2.18	ppb
Vanadium	51-2	4.56	4.60	4.38	4.51	2.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	2.34	2.37	2.36	2.36	0.74	ppb
Zirconium	90-1	0.85	0.81	0.80	0.82	3.36	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.86	0.80	0.84	3.66	ppb

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 12:33:23 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	954.33	985.93	1005.04	981.77	2.61	ppb
Antimony	121-1	49.45	48.91	49.39	49.25	0.60	ppb
Arsenic	75-2	48.34	49.45	50.81	49.53	2.50	ppb
Barium	135-1	248.08	244.82	242.16	245.02	1.21	ppb
Barium	137-1	252.50	249.97	249.80	250.75	0.60	ppb
Beryllium	9-1	50.41	50.36	50.21	50.33	0.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	47.51	48.77	48.45	48.24	1.36	ppb
Boron	11-1	48.29	47.66	46.70	47.55	1.68	ppb
Cadmium	111-1	51.30	50.88	51.11	51.10	0.41	ppb
Cadmium	106-1	48.56	50.89	50.29	49.91	2.42	ppb
Cadmium	108-1	51.99	49.10	51.04	50.71	2.91	ppb
Calcium	43-1	4935.15	4843.57	4877.81	4885.51	0.95	ppb
Calcium	44-1	4924.52	4924.80	4908.20	4919.18	0.19	ppb
Chromium	52-2	50.01	50.67	51.97	50.89	1.96	ppb
Cobalt	59-2	50.00	51.06	53.23	51.43	3.21	ppb
Copper	63-2	101.68	103.90	105.91	103.83	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2574.52	2620.54	2694.63	2629.89	2.30	ppb
Iron	57-2	2550.51	2607.92	2639.93	2599.45	1.74	ppb
Lead	206-1	50.89	49.69	49.57	50.05	1.46	ppb
Lead	207-1	49.32	48.58	48.75	48.88	0.78	ppb
Lead	208-1	50.49	49.20	49.32	49.67	1.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	4917.09	5081.53	5172.05	5056.89	2.56	ppb
Manganese	55-2	99.07	100.65	103.33	101.02	2.13	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:33:23	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.79	48.99	48.79	48.86	0.24	ppb
Molybdenum	95-1	48.95	49.44	50.20	49.53	1.28	ppb
Molybdenum	96-1	48.47	48.68	49.09	48.75	0.64	ppb
Molybdenum	97-1	49.22	51.39	50.06	50.22	2.18	ppb
Molybdenum	98-1	49.53	50.88	50.85	50.42	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.10	51.68	53.40	52.06	2.30	ppb
Phosphorus	31-2	949.14	978.07	1008.32	978.51	3.02	ppb
Potassium	39-2	2377.37	2407.86	2508.71	2431.32	2.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	63.97	53.55	46.57	54.70	16.01	ppb
Selenium	78-2	52.31	50.84	50.83	51.33	1.66	ppb
Selenium	82-1	49.20	52.33	51.83	51.12	3.29	ppb
Silicon	28-1	55.59	56.10	54.78	55.49	1.20	ppb
Silver	109-1	51.65	51.37	51.51	51.51	0.27	ppb
Silver	107-1	52.19	51.09	51.28	51.52	1.14	ppb
Sodium	23-2	4929.83	5010.73	5133.77	5024.77	2.04	ppb
Strontium	86-1	49.52	50.55	49.87	49.98	1.05	ppb
Strontium	88-1	50.67	50.77	51.38	50.94	0.75	ppb
Sulfur	34-1	917.49	848.07	688.32	817.96	14.37	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	50.00	49.40	48.28	49.23	1.77	ppb
Thallium	205-1	50.96	49.92	49.37	50.08	1.61	ppb
Tin	118-1	50.98	49.71	49.69	50.13	1.47	ppb
Titanium	47-1	50.29	49.56	49.88	49.91	0.73	ppb
Uranium	238-1	50.34	48.53	48.27	49.05	2.30	ppb
Vanadium	51-2	48.40	49.65	51.09	49.71	2.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	104.67	105.44	110.23	106.78	2.82	ppb
Zirconium	90-1	47.61	48.32	48.56	48.16	1.03	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:33:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	46.85	48.58	48.06	47.83	1.86	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:37:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.49	2579.95	2608.54	2579.99	1.11	ppb
Antimony	121-1	123.79	123.53	124.08	123.80	0.22	ppb
Arsenic	75-2	129.37	128.57	127.80	128.58	0.61	ppb
Barium	135-1	620.62	614.26	619.75	618.21	0.56	ppb
Barium	137-1	632.71	623.06	626.53	627.43	0.78	ppb
Beryllium	9-1	124.44	122.85	122.58	123.29	0.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	118.32	119.57	118.99	118.96	0.52	ppb
Boron	11-1	115.14	117.29	116.92	116.45	0.99	ppb
Cadmium	111-1	128.38	125.85	127.60	127.28	1.01	ppb
Cadmium	106-1	121.96	125.63	124.58	124.06	1.52	ppb
Cadmium	108-1	129.93	124.84	124.14	126.30	2.50	ppb
Calcium	43-1	12369.41	12107.33	12125.47	12200.74	1.20	ppb
Calcium	44-1	12570.22	12349.64	12272.37	12397.41	1.25	ppb
Chromium	52-2	130.30	130.98	134.24	131.84	1.60	ppb
Cobalt	59-2	131.74	133.05	134.67	133.15	1.10	ppb
Copper	63-2	266.29	271.02	273.92	270.41	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	6682.40	6726.60	6799.70	6736.23	0.88	ppb
Iron	57-2	6663.43	6743.48	6838.12	6748.34	1.30	ppb
Lead	206-1	127.61	123.65	124.03	125.10	1.75	ppb
Lead	207-1	123.33	119.97	121.19	121.50	1.40	ppb
Lead	208-1	126.31	123.07	123.21	124.20	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	13050.59	13149.66	13306.80	13169.02	0.98	ppb
Manganese	55-2	259.28	261.76	265.88	262.31	1.27	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:37:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.96	122.99	123.61	123.52	0.40	ppb
Molybdenum	95-1	125.16	123.09	124.66	124.30	0.87	ppb
Molybdenum	96-1	123.77	122.44	124.01	123.41	0.68	ppb
Molybdenum	97-1	125.69	124.75	125.23	125.22	0.38	ppb
Molybdenum	98-1	127.44	125.99	126.05	126.49	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.84	134.67	138.08	135.20	1.96	ppb
Phosphorus	31-2	2501.11	2621.93	2574.38	2565.81	2.37	ppb
Potassium	39-2	6278.49	6364.37	6486.03	6376.30	1.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	125.52	134.51	126.01	128.68	3.93	ppb
Selenium	78-2	128.61	127.37	137.69	131.23	4.29	ppb
Selenium	82-1	130.10	127.15	129.60	128.95	1.22	ppb
Silicon	28-1	141.24	140.12	137.83	139.73	1.25	ppb
Silver	109-1	128.05	125.60	126.90	126.85	0.97	ppb
Silver	107-1	127.98	125.87	127.34	127.06	0.85	ppb
Sodium	23-2	12969.68	13111.93	13375.19	13152.27	1.56	ppb
Strontium	86-1	125.81	124.94	127.21	125.99	0.91	ppb
Strontium	88-1	127.57	126.64	128.50	127.57	0.73	ppb
Sulfur	34-1	2019.02	1842.93	1659.22	1840.39	9.78	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	125.63	121.33	121.93	122.96	1.89	ppb
Thallium	205-1	127.40	123.36	124.88	125.21	1.63	ppb
Tin	118-1	125.34	123.88	124.43	124.55	0.59	ppb
Titanium	47-1	126.32	124.86	123.17	124.78	1.26	ppb
Uranium	238-1	127.01	123.34	124.28	124.88	1.53	ppb
Vanadium	51-2	128.45	128.68	131.72	129.62	1.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	273.01	276.65	276.67	275.44	0.77	ppb
Zirconium	90-1	122.83	121.86	122.21	122.30	0.40	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:37:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.78	120.86	122.67	122.10	0.88	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5047.84	4639.26	4874.43	4853.84	4.22	ppb
Antimony	121-1	250.28	253.66	232.74	245.56	4.57	ppb
Arsenic	75-2	252.83	237.70	245.10	245.21	3.09	ppb
Barium	135-1	1234.63	1255.86	1166.82	1219.10	3.81	ppb
Barium	137-1	1277.04	1293.68	1196.59	1255.77	4.13	ppb
Beryllium	9-1	249.08	249.92	236.29	245.10	3.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	237.05	243.79	229.89	236.91	2.93	ppb
Boron	11-1	236.54	240.58	230.75	235.96	2.09	ppb
Cadmium	111-1	253.82	258.22	238.09	250.05	4.23	ppb
Cadmium	106-1	248.92	256.69	235.79	247.13	4.27	ppb
Cadmium	108-1	255.47	251.24	236.19	247.63	4.09	ppb
Calcium	43-1	24686.84	24724.65	22470.13	23960.54	5.39	ppb
Calcium	44-1	24577.32	24602.95	22174.65	23784.97	5.86	ppb
Chromium	52-2	260.21	239.56	250.96	250.24	4.13	ppb
Cobalt	59-2	262.59	240.38	252.45	251.81	4.42	ppb
Copper	63-2	532.41	486.42	509.62	509.48	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	13384.34	12170.85	12823.73	12792.97	4.75	ppb
Iron	57-2	13390.91	12306.24	12842.40	12846.52	4.22	ppb
Lead	206-1	253.01	252.58	239.02	248.20	3.21	ppb
Lead	207-1	246.45	247.73	231.99	242.06	3.61	ppb
Lead	208-1	251.82	252.43	238.98	247.74	3.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	26143.67	23917.79	25021.49	25027.65	4.45	ppb
Manganese	55-2	519.66	476.65	502.71	499.67	4.34	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.39	250.25	232.34	244.33	4.25	ppb
Molybdenum	95-1	248.88	250.88	233.29	244.35	3.94	ppb
Molybdenum	96-1	249.80	248.31	230.83	242.98	4.34	ppb
Molybdenum	97-1	253.12	252.12	233.82	246.35	4.41	ppb
Molybdenum	98-1	255.08	254.46	235.05	248.20	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.14	245.61	253.41	255.05	4.06	ppb
Phosphorus	31-2	5213.11	4690.01	4918.57	4940.56	5.31	ppb
Potassium	39-2	12773.44	11585.79	12200.11	12186.45	4.87	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	251.72	245.57	258.85	252.05	2.64	ppb
Selenium	78-2	260.55	242.61	251.43	251.53	3.57	ppb
Selenium	82-1	260.03	255.01	241.35	252.13	3.83	ppb
Silicon	28-1	285.41	287.75	257.18	276.78	6.15	ppb
Silver	109-1	254.04	256.51	239.47	250.01	3.68	ppb
Silver	107-1	252.67	258.86	237.60	249.71	4.38	ppb
Sodium	23-2	25514.50	23280.62	24417.80	24404.31	4.58	ppb
Strontium	86-1	250.35	252.47	235.23	246.02	3.82	ppb
Strontium	88-1	250.89	253.32	237.16	247.12	3.53	ppb
Sulfur	34-1	4366.08	4415.95	3282.67	4021.57	15.92	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	250.81	250.56	235.19	245.52	3.64	ppb
Thallium	205-1	257.07	256.12	241.70	251.63	3.42	ppb
Tin	118-1	251.97	253.55	234.28	246.60	4.34	ppb
Titanium	47-1	253.56	249.69	228.85	244.04	5.45	ppb
Uranium	238-1	247.90	245.75	236.24	243.30	2.55	ppb
Vanadium	51-2	258.50	235.79	247.54	247.28	4.59	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	541.97	493.78	518.04	517.93	4.65	ppb
Zirconium	90-1	247.32	248.35	230.98	242.22	4.02	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.43	245.86	229.99	240.43	3.76	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9691.32	9646.58	9715.17	9684.36	0.36	ppb
Antimony	121-1	508.33	505.81	526.17	513.44	2.16	ppb
Arsenic	75-2	499.90	497.01	499.21	498.70	0.30	ppb
Barium	135-1	2531.72	2525.67	2617.43	2558.27	2.01	ppb
Barium	137-1	2474.91	2501.13	2586.88	2520.97	2.32	ppb
Beryllium	9-1	498.73	495.53	512.29	502.19	1.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	475.65	486.77	509.72	490.72	3.54	ppb
Boron	11-1	483.91	491.40	517.89	497.73	3.59	ppb
Cadmium	111-1	512.03	503.27	525.96	513.75	2.23	ppb
Cadmium	106-1	510.03	505.38	522.33	512.58	1.71	ppb
Cadmium	108-1	501.48	505.46	530.49	512.48	3.07	ppb
Calcium	43-1	48703.01	47394.25	50642.91	48913.39	3.34	ppb
Calcium	44-1	48306.76	47044.31	50202.15	48517.74	3.28	ppb
Chromium	52-2	503.46	501.18	505.57	503.40	0.44	ppb
Cobalt	59-2	505.78	501.80	505.53	504.37	0.44	ppb
Copper	63-2	1019.62	1006.43	1015.98	1014.01	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	25816.96	25394.67	25549.97	25587.20	0.83	ppb
Iron	57-2	25796.17	25576.74	25817.34	25730.08	0.52	ppb
Lead	206-1	500.19	494.06	519.08	504.44	2.58	ppb
Lead	207-1	487.96	484.87	507.32	493.38	2.47	ppb
Lead	208-1	494.01	489.60	511.65	498.42	2.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	49248.06	48440.09	49149.63	48945.93	0.90	ppb
Manganese	55-2	1011.36	999.57	1005.31	1005.41	0.59	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.92	498.97	516.86	502.92	2.48	ppb
Molybdenum	95-1	493.46	494.05	512.84	500.12	2.20	ppb
Molybdenum	96-1	490.86	489.39	510.57	496.94	2.38	ppb
Molybdenum	97-1	495.35	491.80	513.94	500.36	2.38	ppb
Molybdenum	98-1	500.75	498.36	516.08	505.06	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.34	505.80	509.60	509.25	0.64	ppb
Phosphorus	31-2	10079.67	9976.36	10283.23	10113.08	1.54	ppb
Potassium	39-2	24935.95	24700.86	24869.68	24835.50	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	512.05	468.29	556.90	512.41	8.65	ppb
Selenium	78-2	503.92	507.63	518.79	510.12	1.52	ppb
Selenium	82-1	508.21	507.27	524.43	513.30	1.88	ppb
Silicon	28-1	574.19	562.22	602.65	579.69	3.58	ppb
Silver	109-1	511.31	504.20	528.09	514.54	2.38	ppb
Silver	107-1	512.21	502.61	526.15	513.66	2.30	ppb
Sodium	23-2	49021.35	48272.74	48788.24	48694.11	0.79	ppb
Strontium	86-1	499.11	503.47	515.41	506.00	1.67	ppb
Strontium	88-1	500.94	499.24	514.57	504.92	1.66	ppb
Sulfur	34-1	9546.79	9280.37	10375.23	9734.13	5.87	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	495.13	489.14	515.97	500.08	2.82	ppb
Thallium	205-1	484.36	482.52	504.30	490.39	2.46	ppb
Tin	118-1	507.70	505.17	524.24	512.37	2.02	ppb
Titanium	47-1	501.06	486.09	520.25	502.46	3.41	ppb
Uranium	238-1	494.83	487.67	505.21	495.90	1.78	ppb
Vanadium	51-2	501.43	495.56	502.19	499.73	0.73	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1025.64	1010.84	1030.02	1022.17	0.98	ppb
Zirconium	90-1	489.77	490.50	506.77	495.68	1.94	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.85	488.55	504.73	493.38	2.00	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19246.78	19275.06	18936.84	19152.90	0.98	ppb
Antimony	121-1	992.21	1003.18	988.35	994.58	0.77	ppb
Arsenic	75-2	1003.01	1006.26	994.99	1001.42	0.58	ppb
Barium	135-1	4945.17	5029.52	4964.37	4979.69	0.89	ppb
Barium	137-1	4931.48	5011.28	5020.43	4987.73	0.98	ppb
Beryllium	9-1	999.22	1000.90	1000.87	1000.33	0.10	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	1000.27	1007.86	1018.52	1008.88	0.91	ppb
Boron	11-1	992.97	1010.85	1014.04	1005.95	1.13	ppb
Cadmium	111-1	985.68	997.70	994.93	992.77	0.63	ppb
Cadmium	106-1	992.38	1008.22	983.04	994.55	1.28	ppb
Cadmium	108-1	989.81	992.44	1000.21	994.15	0.54	ppb
Calcium	43-1	97758.06	98714.52	97752.73	98075.10	0.56	ppb
Calcium	44-1	96448.35	97161.44	96683.00	96764.26	0.38	ppb
Chromium	52-2	1000.09	1004.25	987.67	997.34	0.86	ppb
Cobalt	59-2	998.88	1005.82	984.12	996.27	1.11	ppb
Copper	63-2	1996.22	2000.58	1966.85	1987.88	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	50798.18	50935.64	49954.70	50562.84	1.05	ppb
Iron	57-2	51017.84	51204.77	50563.43	50928.68	0.65	ppb
Lead	206-1	999.56	1005.89	989.20	998.21	0.84	ppb
Lead	207-1	1005.81	1009.95	1001.60	1005.79	0.42	ppb
Lead	208-1	1007.00	1004.11	993.30	1001.47	0.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	96495.56	96736.62	95296.16	96176.11	0.80	ppb
Manganese	55-2	1996.26	2005.74	1985.36	1995.79	0.51	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1007.62	1001.04	991.98	1000.22	0.79	ppb
Molybdenum	95-1	1004.61	1000.31	999.48	1001.47	0.27	ppb
Molybdenum	96-1	1003.90	1006.10	1000.65	1003.55	0.27	ppb
Molybdenum	97-1	1000.62	1005.41	996.05	1000.69	0.47	ppb
Molybdenum	98-1	990.88	1010.01	992.25	997.71	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.02	1000.83	982.35	992.74	0.95	ppb
Phosphorus	31-2	20094.90	20026.53	19732.07	19951.17	0.97	ppb
Potassium	39-2	48605.11	48489.14	48003.26	48365.84	0.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	994.87	965.47	1017.45	992.60	2.63	ppb
Selenium	78-2	989.98	1009.86	981.30	993.71	1.47	ppb
Selenium	82-1	992.59	997.35	986.87	992.27	0.53	ppb
Silicon	28-1	949.87	951.95	952.27	951.36	0.14	ppb
Silver	109-1	994.13	999.31	983.83	992.42	0.79	ppb
Silver	107-1	987.01	999.68	992.04	992.91	0.64	ppb
Sodium	23-2	96873.90	96626.64	95073.60	96191.38	1.01	ppb
Strontium	86-1	998.84	1000.17	994.61	997.87	0.29	ppb
Strontium	88-1	1001.33	998.80	993.54	997.89	0.40	ppb
Sulfur	34-1	20369.67	20674.15	20363.47	20469.10	0.87	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1010.19	1002.83	991.10	1001.37	0.96	ppb
Thallium	205-1	1006.53	1009.34	997.23	1004.36	0.63	ppb
Tin	118-1	982.79	1009.62	991.75	994.72	1.37	ppb
Titanium	47-1	1001.92	1005.60	993.37	1000.29	0.63	ppb
Uranium	238-1	999.46	1007.75	1004.15	1003.79	0.41	ppb
Vanadium	51-2	1001.63	1010.27	988.87	1000.26	1.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1991.60	1993.78	1957.37	1980.91	1.03	ppb
Zirconium	90-1	1003.34	1011.83	998.43	1004.54	0.68	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1006.70	1009.38	1002.44	1006.18	0.35	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102184.14	99492.34	98942.95	100206.48	1.73	ppb
Antimony	121-1	3.79	3.69	3.71	3.73	1.35	ppb
Arsenic	75-2	0.78	0.82	0.82	0.81	2.73	ppb
Barium	135-1	2.34	2.52	2.46	2.44	3.59	ppb
Barium	137-1	2.58	2.62	2.35	2.51	5.82	ppb
Beryllium	9-1	0.95	0.91	0.78	0.88	10.05	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	65.36	65.16	56.34	62.29	8.27	ppb
Boron	11-1	67.18	64.64	58.10	63.31	7.40	ppb
Cadmium	111-1	0.24	0.34	0.37	0.32	22.35	ppb
Cadmium	106-1	-0.10	0.59	0.41	0.30	120.48	ppb
Cadmium	108-1	0.44	0.59	0.44	0.49	17.72	ppb
Calcium	43-1	495462.26	505394.25	500806.38	500554.30	0.99	ppb
Calcium	44-1	494459.42	505073.07	503046.16	500859.55	1.12	ppb
Chromium	52-2	26.04	24.99	24.86	25.30	2.56	ppb
Cobalt	59-2	1.77	1.72	1.67	1.72	2.71	ppb
Copper	63-2	4.31	4.21	4.10	4.21	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	256469.14	246146.08	246786.61	249800.61	2.32	ppb
Iron	57-2	256861.37	246329.20	245940.86	249710.48	2.48	ppb
Lead	206-1	2.33	2.31	2.25	2.30	1.67	ppb
Lead	207-1	2.14	2.17	2.01	2.10	3.91	ppb
Lead	208-1	2.19	2.19	2.20	2.19	0.27	ppb
Lithium	6-1				92		%
Magnesium	24-2	511429.01	496056.50	495069.17	500851.56	1.83	ppb
Manganese	55-2	9.13	8.63	8.57	8.78	3.49	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.82	1.80	1.74	1.79	2.50	ppb
Molybdenum	95-1	4.86	4.91	4.73	4.83	1.99	ppb
Molybdenum	96-1	5.28	5.28	5.46	5.34	1.89	ppb
Molybdenum	97-1	5.09	5.14	4.75	4.99	4.31	ppb
Molybdenum	98-1	4.77	4.99	4.70	4.82	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.45	14.59	14.78	14.94	3.02	ppb
Phosphorus	31-2	1.39	12.61	5.98	6.66	84.76	ppb
Potassium	39-2	256470.95	246357.41	248241.44	250356.60	2.15	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	1.20	1.76	1.74	1.57	20.30	ppb
Selenium	78-2	1.68	1.59	2.01	1.76	12.59	ppb
Selenium	82-1	0.33	2.95	2.50	1.93	72.67	ppb
Silicon	28-1	15.73	18.16	16.71	16.87	7.26	ppb
Silver	109-1	0.19	0.29	0.19	0.22	24.30	ppb
Silver	107-1	0.21	0.20	0.18	0.20	7.92	ppb
Sodium	23-2	510833.62	495347.66	496535.45	500905.58	1.72	ppb
Strontium	86-1	34.27	35.50	34.54	34.77	1.85	ppb
Strontium	88-1	34.65	35.21	34.74	34.87	0.87	ppb
Sulfur	34-1	-783.32	-635.16	-679.26	-699.25		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.66	0.68	0.65	0.66	2.63	ppb
Thallium	205-1	0.72	0.69	0.65	0.69	5.11	ppb
Tin	118-1	1.53	1.48	1.33	1.45	7.48	ppb
Titanium	47-1	2.24	1.68	1.58	1.83	19.49	ppb
Uranium	238-1	0.25	0.28	0.26	0.26	6.04	ppb
Vanadium	51-2	0.57	0.52	0.50	0.53	7.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	14.64	14.56	14.56	14.59	0.33	ppb
Zirconium	90-1	0.36	0.32	0.34	0.34	5.72	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.33	0.31	0.32	2.78	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:55:43	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.74	476.05	480.19	478.66	0.47	ppb
Antimony	121-1	196.32	198.82	200.83	198.66	1.14	ppb
Arsenic	75-2	196.10	197.43	197.47	197.00	0.40	ppb
Barium	135-1	100.07	100.64	100.69	100.47	0.34	ppb
Barium	137-1	100.03	101.51	102.44	101.33	1.20	ppb
Beryllium	9-1	100.44	100.93	101.17	100.85	0.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	546.18	547.30	559.28	550.92	1.32	ppb
Boron	11-1	549.22	547.62	559.63	552.16	1.18	ppb
Cadmium	111-1	105.82	107.02	106.93	106.59	0.63	ppb
Cadmium	106-1	178.28	177.85	176.84	177.65	0.42	ppb
Cadmium	108-1	148.20	144.80	150.12	147.71	1.82	ppb
Calcium	43-1	2078.30	2077.98	2074.52	2076.93	0.10	ppb
Calcium	44-1	1999.02	1984.90	2034.26	2006.06	1.27	ppb
Chromium	52-2	95.42	95.63	97.59	96.21	1.24	ppb
Cobalt	59-2	97.52	99.08	100.84	99.15	1.67	ppb
Copper	63-2	99.98	100.46	102.90	101.11	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	1007.03	1009.48	1025.95	1014.15	1.01	ppb
Iron	57-2	1012.70	977.06	1028.32	1006.03	2.61	ppb
Lead	206-1	196.68	197.67	202.08	198.81	1.44	ppb
Lead	207-1	184.35	184.99	188.86	186.07	1.31	ppb
Lead	208-1	192.72	193.25	197.03	194.33	1.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	1137.16	1137.87	1155.75	1143.59	0.92	ppb
Manganese	55-2	95.71	97.76	99.10	97.52	1.75	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:55:43	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	481.01	483.57	482.81	482.46	0.27	ppb
Molybdenum	95-1	476.08	477.75	478.52	477.45	0.26	ppb
Molybdenum	96-1	473.03	472.54	476.26	473.94	0.43	ppb
Molybdenum	97-1	476.70	478.16	480.45	478.44	0.39	ppb
Molybdenum	98-1	479.98	481.89	483.31	481.73	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.74	100.87	102.62	101.08	1.44	ppb
Phosphorus	31-2	-1.89	-1.82	-13.59	-5.77		ppb
Potassium	39-2	1932.87	1915.61	1968.33	1938.94	1.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	195.05	210.35	205.62	203.68	3.85	ppb
Selenium	78-2	210.39	204.85	201.43	205.56	2.20	ppb
Selenium	82-1	205.39	208.76	207.99	207.38	0.85	ppb
Silicon	28-1	537.93	532.60	549.73	540.09	1.62	ppb
Silver	109-1	102.90	103.70	105.42	104.00	1.24	ppb
Silver	107-1	103.96	105.01	104.81	104.59	0.53	ppb
Sodium	23-2	1932.46	1952.39	1995.82	1960.22	1.65	ppb
Strontium	86-1	477.16	479.23	482.56	479.65	0.57	ppb
Strontium	88-1	478.65	482.34	487.40	482.80	0.91	ppb
Sulfur	34-1	-1139.97	-1104.47	-926.59	-1057.01		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	196.88	196.48	199.17	197.51	0.73	ppb
Thallium	205-1	200.53	201.28	205.45	202.42	1.31	ppb
Tin	118-1	490.44	496.20	494.80	493.81	0.61	ppb
Titanium	47-1	469.67	470.06	479.17	472.97	1.14	ppb
Uranium	238-1	453.07	454.09	464.68	457.28	1.41	ppb
Vanadium	51-2	95.03	95.55	97.42	96.00	1.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	202.32	202.31	207.13	203.92	1.36	ppb
Zirconium	90-1	474.28	477.06	482.54	477.96	0.88	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:55:43	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	471.87	473.04	479.30	474.74	0.84	ppb

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 13:01:36 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	-0.05	0.07	0.19	166.56	ppb
Antimony	121-1	0.40	0.40	0.39	0.39	1.72	ppb
Arsenic	75-2	0.08	0.12	0.10	0.10	17.15	ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.29	0.32	0.26	0.29	9.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	17.81	16.04	16.55	16.80	5.42	ppb
Boron	11-1	17.17	17.26	16.92	17.12	1.03	ppb
Cadmium	111-1	-0.08	0.04	-0.09	-0.04		ppb
Cadmium	106-1	-1.09	0.43	-1.23	-0.63		ppb
Cadmium	108-1	0.00	0.03	0.05	0.03	104.50	ppb
Calcium	43-1	-0.57	-0.89	1.71	0.08	1702.33	ppb
Calcium	44-1	-0.64	1.20	-0.28	0.09	1040.55	ppb
Chromium	52-2	0.01	0.03	0.00	0.01	122.83	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	382.37	ppb
Copper	63-2	0.12	0.08	0.07	0.09	26.85	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				104		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	2.98	2.94	3.03	2.98	1.61	ppb
Iron	57-2	1.13	1.57	2.77	1.82	46.86	ppb
Lead	206-1	0.08	0.06	0.05	0.06	24.36	ppb
Lead	207-1	0.06	0.07	0.06	0.06	12.50	ppb
Lead	208-1	0.07	0.07	0.06	0.06	8.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	-15.32	-14.79	-13.71	-14.61		ppb
Manganese	55-2	-0.11	-0.09	-0.11	-0.10		ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:01:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.09	0.09	4.97	ppb
Molybdenum	95-1	0.15	0.13	0.14	0.14	6.58	ppb
Molybdenum	96-1	0.14	0.11	0.12	0.13	9.32	ppb
Molybdenum	97-1	0.12	0.14	0.12	0.13	6.29	ppb
Molybdenum	98-1	0.13	0.13	0.16	0.14	11.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.23	-0.24	-0.23		ppb
Phosphorus	31-2	1.90	-2.81	10.04	3.04	213.68	ppb
Potassium	39-2	19.91	14.56	9.57	14.68	35.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	0.05	0.98	0.70	80.61	ppb
Selenium	82-1	0.09	-1.22	0.20	-0.31		ppb
Silicon	28-1	-2.01	0.40	-0.35	-0.65		ppb
Silver	109-1	0.01	0.02	0.01	0.01	47.69	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.19	ppb
Sodium	23-2	22.27	19.92	20.78	20.99	5.65	ppb
Strontium	86-1	0.02	-0.06	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	197.30	ppb
Sulfur	34-1	-966.55	-620.21	-636.62	-741.13		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.01	0.03	45.21	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	19.58	ppb
Tin	118-1	0.28	0.32	0.30	0.30	7.79	ppb
Titanium	47-1	0.03	0.03	0.06	0.04	50.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	287.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	0.19	0.17	0.17	0.18	8.12	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	22.21	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:01:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.04	0.05	18.54	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:05:06	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88645.84	89583.93	88084.24	88771.34	0.85	ppb
Antimony	121-1	1.54	1.43	1.44	1.47	3.95	ppb
Arsenic	75-2	0.35	0.45	0.32	0.37	18.17	ppb
Barium	135-1	1.41	1.41	1.46	1.43	1.74	ppb
Barium	137-1	1.42	1.47	1.42	1.44	2.23	ppb
Beryllium	9-1	0.35	0.47	0.55	0.46	21.63	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	12.74	12.81	12.57	12.71	0.99	ppb
Boron	11-1	13.42	13.35	12.99	13.25	1.76	ppb
Cadmium	111-1	0.30	0.27	0.26	0.28	8.91	ppb
Cadmium	106-1	-0.97	-1.54	-1.43	-1.31		ppb
Cadmium	108-1	10.70	10.47	10.69	10.62	1.21	ppb
Calcium	43-1	92990.35	95773.42	94227.81	94330.53	1.48	ppb
Calcium	44-1	91806.11	95268.95	93574.57	93549.88	1.85	ppb
Chromium	52-2	19.01	18.91	19.08	19.00	0.46	ppb
Cobalt	59-2	1.10	1.19	1.15	1.15	3.71	ppb
Copper	63-2	7.67	7.76	7.76	7.73	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	96878.38	99171.39	97197.25	97749.01	1.27	ppb
Iron	57-2	98192.15	99248.08	98222.66	98554.30	0.61	ppb
Lead	206-1	4.60	4.66	4.54	4.60	1.35	ppb
Lead	207-1	3.97	3.98	3.88	3.94	1.44	ppb
Lead	208-1	4.23	4.29	4.15	4.22	1.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	92097.88	93203.06	91227.02	92175.98	1.07	ppb
Manganese	55-2	7.60	7.42	7.64	7.55	1.52	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:05:06	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	584.61	602.41	588.17	591.73	1.59	ppb
Molybdenum	95-1	1884.47	1956.50	1901.03	1914.00	1.97	ppb
Molybdenum	96-1	1554.06	1589.36	1554.17	1565.86	1.30	ppb
Molybdenum	97-1	1885.13	1944.44	1890.13	1906.56	1.73	ppb
Molybdenum	98-1	1878.97	1955.86	1875.25	1903.36	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.95	4.97	4.86	3.74	ppb
Phosphorus	31-2	95257.37	95774.70	94970.59	95334.22	0.43	ppb
Potassium	39-2	93702.09	94065.09	93310.97	93692.72	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.56	0.19	173.21	ppb
Selenium	78-2	0.30	0.50	-0.28	0.18	230.48	ppb
Selenium	82-1	-0.39	0.26	-0.28	-0.14		ppb
Silicon	28-1	24.89	27.19	25.68	25.92	4.50	ppb
Silver	109-1	0.11	0.10	0.13	0.11	15.53	ppb
Silver	107-1	0.08	0.09	0.11	0.10	11.82	ppb
Sodium	23-2	93349.61	93497.54	92781.49	93209.54	0.41	ppb
Strontium	86-1	32.98	33.09	32.85	32.97	0.37	ppb
Strontium	88-1	32.74	33.72	32.90	33.12	1.59	ppb
Sulfur	34-1	103493.71	106952.01	105104.94	105183.55	1.65	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.08	0.08	7.83	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	10.18	ppb
Tin	118-1	0.37	0.42	0.42	0.40	6.46	ppb
Titanium	47-1	1897.89	1967.63	1922.79	1929.44	1.83	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	15.16	ppb
Vanadium	51-2	0.13	0.16	0.16	0.15	9.06	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	10.99	11.27	10.89	11.05	1.79	ppb
Zirconium	90-1	0.50	0.46	0.36	0.44	16.17	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:05:06	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.52	0.44	0.39	0.45	14.45	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89709.05	89675.83	89368.26	89584.38	0.21	ppb
Antimony	121-1	20.09	19.93	19.80	19.94	0.72	ppb
Arsenic	75-2	19.32	19.32	19.39	19.34	0.19	ppb
Barium	135-1	20.82	20.79	20.96	20.86	0.45	ppb
Barium	137-1	21.48	21.25	21.27	21.33	0.60	ppb
Beryllium	9-1	20.20	20.32	19.84	20.12	1.23	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	60.02	61.00	63.08	61.36	2.55	ppb
Boron	11-1	60.18	61.07	62.98	61.41	2.33	ppb
Cadmium	111-1	19.79	19.57	19.35	19.57	1.13	ppb
Cadmium	106-1	23.48	22.37	21.60	22.48	4.20	ppb
Cadmium	108-1	31.93	33.60	33.30	32.94	2.71	ppb
Calcium	43-1	94049.21	93527.94	93612.41	93729.86	0.30	ppb
Calcium	44-1	94109.71	93430.79	93231.01	93590.50	0.49	ppb
Chromium	52-2	38.17	38.25	38.41	38.28	0.31	ppb
Cobalt	59-2	20.41	20.65	20.99	20.68	1.43	ppb
Copper	63-2	27.18	27.68	27.21	27.36	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	97293.79	97530.28	98432.92	97752.33	0.61	ppb
Iron	57-2	97868.04	99292.48	99376.07	98845.53	0.86	ppb
Lead	206-1	24.72	24.59	25.06	24.79	0.98	ppb
Lead	207-1	22.34	22.28	22.42	22.35	0.31	ppb
Lead	208-1	23.41	23.42	23.47	23.43	0.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	91933.49	92524.94	92206.64	92221.69	0.32	ppb
Manganese	55-2	27.17	27.79	27.54	27.50	1.14	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.41	633.49	634.41	635.10	0.32	ppb
Molybdenum	95-1	1919.18	1920.66	1924.70	1921.51	0.15	ppb
Molybdenum	96-1	1592.23	1591.35	1582.10	1588.56	0.35	ppb
Molybdenum	97-1	1935.15	1935.42	1927.05	1932.54	0.25	ppb
Molybdenum	98-1	1952.87	1926.14	1921.82	1933.61	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	24.00	24.37	24.24	0.87	ppb
Phosphorus	31-2	95071.43	95251.87	95861.54	95394.95	0.43	ppb
Potassium	39-2	93970.03	94006.24	93745.29	93907.19	0.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	20.48	12.44	19.35	17.42	24.98	ppb
Selenium	78-2	22.71	19.95	20.85	21.17	6.65	ppb
Selenium	82-1	19.26	19.21	18.84	19.11	1.20	ppb
Silicon	28-1	84.05	83.07	84.10	83.74	0.69	ppb
Silver	109-1	18.57	18.37	18.42	18.45	0.56	ppb
Silver	107-1	18.80	18.39	18.71	18.64	1.16	ppb
Sodium	23-2	93222.22	93870.51	93517.60	93536.78	0.35	ppb
Strontium	86-1	82.16	81.62	81.52	81.76	0.42	ppb
Strontium	88-1	82.48	82.28	82.80	82.52	0.32	ppb
Sulfur	34-1	104210.66	104139.96	104327.36	104225.99	0.09	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	19.89	19.96	19.73	19.86	0.61	ppb
Thallium	205-1	20.21	20.20	20.22	20.21	0.05	ppb
Tin	118-1	49.33	49.03	48.68	49.01	0.66	ppb
Titanium	47-1	1987.62	1959.49	1975.05	1974.05	0.71	ppb
Uranium	238-1	51.07	50.80	50.49	50.79	0.57	ppb
Vanadium	51-2	19.60	19.68	19.59	19.63	0.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	31.10	31.71	31.62	31.48	1.04	ppb
Zirconium	90-1	49.29	49.64	49.53	49.48	0.35	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.27	49.35	49.35	49.32	0.10	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48817.73	49412.06	48894.27	49041.35	0.66	ppb
Antimony	121-1	495.69	494.17	493.63	494.50	0.22	ppb
Arsenic	75-2	493.43	494.16	491.16	492.92	0.32	ppb
Barium	135-1	2538.45	2528.67	2501.42	2522.85	0.76	ppb
Barium	137-1	2504.65	2512.58	2475.64	2497.62	0.78	ppb
Beryllium	9-1	521.77	522.81	519.51	521.36	0.32	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	504.44	518.36	525.00	515.93	2.03	ppb
Boron	11-1	509.10	521.81	526.39	519.10	1.73	ppb
Cadmium	111-1	483.52	480.62	485.42	483.19	0.50	ppb
Cadmium	106-1	491.64	485.26	478.83	485.24	1.32	ppb
Cadmium	108-1	487.68	486.72	485.10	486.50	0.27	ppb
Calcium	43-1	241779.40	240093.41	242108.27	241327.03	0.45	ppb
Calcium	44-1	240538.85	239362.08	242241.82	240714.25	0.60	ppb
Chromium	52-2	500.04	503.41	501.76	501.74	0.34	ppb
Cobalt	59-2	476.60	483.84	476.45	478.96	0.88	ppb
Copper	63-2	932.88	937.98	932.20	934.36	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	120735.88	121170.27	120562.40	120822.85	0.26	ppb
Iron	57-2	120797.07	121623.61	121325.12	121248.60	0.35	ppb
Lead	206-1	514.28	514.63	513.74	514.22	0.09	ppb
Lead	207-1	502.52	502.22	501.28	502.00	0.13	ppb
Lead	208-1	510.21	510.91	509.87	510.33	0.10	ppb
Lithium	6-1				94		%
Magnesium	24-2	238824.13	239565.52	238663.61	239017.75	0.20	ppb
Manganese	55-2	975.92	980.97	981.44	979.44	0.31	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.12	489.50	490.46	490.02	0.10	ppb
Molybdenum	95-1	498.03	497.68	499.10	498.27	0.15	ppb
Molybdenum	96-1	493.43	491.67	495.84	493.65	0.42	ppb
Molybdenum	97-1	499.41	500.29	501.73	500.48	0.23	ppb
Molybdenum	98-1	502.48	505.33	506.10	504.64	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.53	484.20	480.62	481.12	0.60	ppb
Phosphorus	31-2	9710.36	10046.49	9906.39	9887.75	1.71	ppb
Potassium	39-2	121387.67	122914.85	121692.28	121998.26	0.66	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	481.68	507.39	524.12	504.39	4.24	ppb
Selenium	78-2	487.15	490.89	501.34	493.13	1.49	ppb
Selenium	82-1	484.16	485.04	483.79	484.33	0.13	ppb
Silicon	28-1	585.25	590.41	598.76	591.47	1.15	ppb
Silver	109-1	489.41	479.55	486.86	485.27	1.06	ppb
Silver	107-1	487.96	489.37	484.82	487.38	0.48	ppb
Sodium	23-2	240175.73	242813.58	241527.79	241505.70	0.55	ppb
Strontium	86-1	514.39	512.78	512.09	513.09	0.23	ppb
Strontium	88-1	512.52	511.73	512.64	512.30	0.10	ppb
Sulfur	34-1	9427.09	9551.34	9609.28	9529.24	0.98	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	509.45	514.38	511.48	511.77	0.48	ppb
Thallium	205-1	507.80	508.66	507.84	508.10	0.10	ppb
Tin	118-1	501.58	497.57	498.99	499.38	0.41	ppb
Titanium	47-1	500.08	495.21	497.26	497.52	0.49	ppb
Uranium	238-1	518.98	517.69	518.63	518.43	0.13	ppb
Vanadium	51-2	497.42	498.15	496.52	497.36	0.16	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	925.26	941.10	937.74	934.70	0.89	ppb
Zirconium	90-1	481.63	481.40	483.07	482.04	0.19	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	476.38	475.94	480.95	477.76	0.58	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	0.39	0.16	0.39	59.19	ppb
Antimony	121-1	1.26	1.18	1.11	1.19	6.36	ppb
Arsenic	75-2	0.22	0.16	0.20	0.19	15.16	ppb
Barium	135-1	0.02	0.02	-0.01	0.01	203.42	ppb
Barium	137-1	0.02	0.01	0.00	0.01	74.14	ppb
Beryllium	9-1	0.42	0.48	0.40	0.44	10.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	22.78	22.94	18.50	21.41	11.78	ppb
Boron	11-1	23.21	21.60	21.14	21.98	4.93	ppb
Cadmium	111-1	-0.02	-0.10	-0.02	-0.05		ppb
Cadmium	106-1	-0.42	-1.50	-0.75	-0.89		ppb
Cadmium	108-1	0.08	0.05	0.03	0.05	50.33	ppb
Calcium	43-1	0.83	2.97	-0.85	0.98	195.04	ppb
Calcium	44-1	3.01	1.44	0.97	1.81	59.03	ppb
Chromium	52-2	0.01	0.01	0.02	0.01	83.75	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	125.71	ppb
Copper	63-2	0.29	0.31	0.27	0.29	6.34	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				98		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	7.55	7.74	7.61	7.63	1.26	ppb
Iron	57-2	6.19	6.40	6.23	6.27	1.81	ppb
Lead	206-1	0.08	0.07	0.07	0.07	12.16	ppb
Lead	207-1	0.07	0.06	0.05	0.06	16.54	ppb
Lead	208-1	0.08	0.07	0.08	0.08	7.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	-13.08	-12.94	-14.67	-13.57		ppb
Manganese	55-2	-0.11	-0.07	-0.12	-0.10		ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.23	0.21	0.25	20.56	ppb
Molybdenum	95-1	0.44	0.47	0.44	0.45	4.11	ppb
Molybdenum	96-1	0.42	0.37	0.35	0.38	8.56	ppb
Molybdenum	97-1	0.48	0.44	0.45	0.46	4.19	ppb
Molybdenum	98-1	0.43	0.44	0.40	0.42	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.27	-0.23	-0.23		ppb
Phosphorus	31-2	-10.74	6.39	-4.51	-2.95		ppb
Potassium	39-2	18.54	22.35	16.38	19.09	15.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.56	1.12	0.56	99.91	ppb
Selenium	78-2	0.58	0.57	0.28	0.48	35.76	ppb
Selenium	82-1	-0.91	0.83	-0.87	-0.32		ppb
Silicon	28-1	1.76	-0.01	0.01	0.59	173.23	ppb
Silver	109-1	0.06	0.05	0.04	0.05	24.17	ppb
Silver	107-1	0.05	0.05	0.09	0.06	38.85	ppb
Sodium	23-2	44.58	43.10	42.00	43.22	3.00	ppb
Strontium	86-1	0.01	0.07	0.00	0.03	153.88	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	38.52	ppb
Sulfur	34-1	-1149.76	-1306.53	-1213.00	-1223.10		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.09	0.08	0.09	16.09	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	13.92	ppb
Tin	118-1	0.46	0.50	0.41	0.46	10.41	ppb
Titanium	47-1	0.09	0.00	0.15	0.08	93.42	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	39.23	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.21	0.39	0.23	0.27	36.62	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	6.56	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.15	0.14	6.02	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.59	18.48	18.60	18.56	0.38	ppb
Antimony	121-1	2.22	2.16	2.10	2.16	2.81	ppb
Arsenic	75-2	1.14	0.83	1.04	1.00	15.90	ppb
Barium	135-1	8.58	8.72	8.88	8.72	1.74	ppb
Barium	137-1	8.87	8.99	8.92	8.93	0.67	ppb
Beryllium	9-1	1.17	1.22	1.13	1.17	3.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	33.83	31.72	31.57	32.37	3.91	ppb
Boron	11-1	31.67	32.77	31.89	32.11	1.81	ppb
Cadmium	111-1	1.02	0.82	0.81	0.89	13.47	ppb
Cadmium	106-1	1.81	-0.24	-0.62	0.32	411.29	ppb
Cadmium	108-1	1.06	1.14	0.96	1.05	8.49	ppb
Calcium	43-1	419.09	431.92	436.19	429.07	2.07	ppb
Calcium	44-1	428.45	426.75	433.37	429.53	0.80	ppb
Chromium	52-2	2.03	1.87	1.93	1.94	4.15	ppb
Cobalt	59-2	0.92	0.97	0.92	0.94	3.30	ppb
Copper	63-2	2.25	2.29	2.31	2.28	1.23	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				99		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	52.64	52.21	52.09	52.31	0.56	ppb
Iron	57-2	55.96	50.99	51.84	52.93	5.02	ppb
Lead	206-1	1.04	1.03	1.06	1.04	1.57	ppb
Lead	207-1	0.98	1.05	0.98	1.01	3.80	ppb
Lead	208-1	1.04	1.04	1.03	1.04	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	439.08	433.71	435.63	436.14	0.62	ppb
Manganese	55-2	0.71	0.72	0.81	0.75	7.03	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.22	2.21	2.19	2.20	0.75	ppb
Molybdenum	95-1	4.43	4.60	4.42	4.48	2.22	ppb
Molybdenum	96-1	3.91	3.87	3.85	3.88	0.81	ppb
Molybdenum	97-1	4.45	4.51	4.56	4.51	1.25	ppb
Molybdenum	98-1	4.65	4.62	4.51	4.59	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.76	0.70	0.81	17.69	ppb
Phosphorus	31-2	0.41	8.26	-6.65	0.67	1105.86	ppb
Potassium	39-2	478.01	449.25	448.13	458.46	3.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	2.87	1.67	6.17	3.57	65.25	ppb
Selenium	78-2	6.67	6.06	5.91	6.21	6.44	ppb
Selenium	82-1	5.18	5.56	5.69	5.48	4.89	ppb
Silicon	28-1	8.80	8.98	10.14	9.30	7.80	ppb
Silver	109-1	1.32	1.27	1.22	1.27	4.15	ppb
Silver	107-1	1.32	1.32	1.28	1.31	2.03	ppb
Sodium	23-2	494.29	488.79	486.90	489.99	0.78	ppb
Strontium	86-1	0.78	0.94	1.07	0.93	15.38	ppb
Strontium	88-1	0.95	0.93	0.93	0.94	1.51	ppb
Sulfur	34-1	-1142.51	-902.09	-832.96	-959.19		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.92	0.94	0.92	0.93	1.14	ppb
Thallium	205-1	0.94	0.96	0.93	0.94	1.96	ppb
Tin	118-1	4.65	4.76	4.75	4.72	1.29	ppb
Titanium	47-1	4.02	4.54	4.32	4.29	6.11	ppb
Uranium	238-1	0.87	0.83	0.85	0.85	2.53	ppb
Vanadium	51-2	4.49	4.57	4.51	4.52	0.95	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	2.14	2.41	2.01	2.19	9.33	ppb
Zirconium	90-1	1.16	1.13	1.11	1.14	2.08	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.11	1.13	1.08	1.11	2.22	ppb

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : PB100624BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 13:23:25 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	1.05	0.20	0.65	65.46	ppb
Antimony	121-1	0.16	0.15	0.14	0.15	4.02	ppb
Arsenic	75-2	0.02	0.01	0.05	0.03	68.34	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.22	0.24	0.20	0.22	8.72	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	9.14	8.14	8.16	8.48	6.72	ppb
Boron	11-1	8.43	8.43	8.07	8.31	2.51	ppb
Cadmium	111-1	-0.10	0.00	-0.10	-0.07		ppb
Cadmium	106-1	-1.36	0.07	-1.27	-0.85		ppb
Cadmium	108-1	0.03	0.06	0.00	0.03	96.82	ppb
Calcium	43-1	-0.60	-0.64	3.97	0.91	291.93	ppb
Calcium	44-1	-0.83	-0.05	0.19	-0.23		ppb
Chromium	52-2	0.01	0.00	0.01	0.00	111.07	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	1466.50	ppb
Copper	63-2	0.09	0.11	0.10	0.10	9.79	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				99		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	3.85	3.50	3.72	3.69	4.78	ppb
Iron	57-2	4.61	2.79	3.98	3.79	24.31	ppb
Lead	206-1	0.07	0.06	0.07	0.07	11.49	ppb
Lead	207-1	0.07	0.05	0.07	0.06	21.73	ppb
Lead	208-1	0.08	0.06	0.07	0.07	11.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	-11.73	-9.37	-10.35	-10.48		ppb
Manganese	55-2	-0.10	-0.12	-0.07	-0.10		ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:23:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.04	0.05	23.69	ppb
Molybdenum	95-1	0.10	0.07	0.08	0.08	17.61	ppb
Molybdenum	96-1	0.07	0.05	0.07	0.06	17.10	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.07	6.18	ppb
Molybdenum	98-1	0.06	0.06	0.09	0.07	28.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.09	-0.10	-0.10		ppb
Phosphorus	31-2	-8.71	2.38	-9.11	-5.15		ppb
Potassium	39-2	22.13	14.43	21.18	19.25	21.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.60	0.00	0.59	0.40	86.61	ppb
Selenium	78-2	1.00	0.70	0.17	0.63	66.93	ppb
Selenium	82-1	-0.57	-0.57	-0.66	-0.60		ppb
Silicon	28-1	0.77	-0.48	0.35	0.21	299.51	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.60	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.59	ppb
Sodium	23-2	31.46	28.19	30.20	29.95	5.51	ppb
Strontium	86-1	0.12	0.10	-0.04	0.06	144.81	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.68	ppb
Sulfur	34-1	-461.11	-580.40	-421.56	-487.69		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	19.37	ppb
Tin	118-1	0.04	0.05	0.02	0.04	48.30	ppb
Titanium	47-1	0.05	0.02	0.07	0.05	59.04	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.14	0.17	-0.01	0.10	92.71	ppb
Zirconium	90-1	0.05	0.03	0.02	0.03	34.60	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:23:25	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.00	0.03	96.58	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.26	39.47	35.30	38.01	6.18	ppb
Antimony	121-1	3.97	4.07	3.99	4.01	1.32	ppb
Arsenic	75-2	2.39	1.98	2.13	2.17	9.71	ppb
Barium	135-1	18.62	18.68	18.73	18.68	0.30	ppb
Barium	137-1	19.10	19.04	18.74	18.96	1.00	ppb
Beryllium	9-1	2.20	2.16	2.27	2.21	2.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	52.90	49.55	50.29	50.91	3.46	ppb
Boron	11-1	50.35	50.47	50.44	50.42	0.13	ppb
Cadmium	111-1	1.76	1.96	1.80	1.84	5.70	ppb
Cadmium	106-1	0.82	1.70	0.18	0.90	85.12	ppb
Cadmium	108-1	2.13	1.97	2.36	2.15	9.19	ppb
Calcium	43-1	903.39	895.08	866.16	888.21	2.20	ppb
Calcium	44-1	912.13	876.43	878.04	888.87	2.27	ppb
Chromium	52-2	4.12	4.01	3.67	3.94	5.97	ppb
Cobalt	59-2	2.06	2.04	1.86	1.99	5.57	ppb
Copper	63-2	4.52	4.34	4.09	4.32	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	409.57	402.94	372.95	395.15	4.94	ppb
Iron	57-2	417.49	393.29	371.22	394.00	5.87	ppb
Lead	206-1	2.19	2.26	2.25	2.23	1.75	ppb
Lead	207-1	2.23	2.09	2.07	2.13	3.94	ppb
Lead	208-1	2.23	2.19	2.17	2.20	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	948.39	943.45	866.51	919.45	4.99	ppb
Manganese	55-2	2.17	2.15	1.83	2.05	9.14	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.20	4.18	4.25	4.21	0.80	ppb
Molybdenum	95-1	9.16	9.22	9.12	9.17	0.57	ppb
Molybdenum	96-1	7.93	7.82	7.97	7.91	0.95	ppb
Molybdenum	97-1	9.39	9.23	8.99	9.20	2.19	ppb
Molybdenum	98-1	9.13	9.39	9.21	9.24	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.25	1.79	2.04	11.45	ppb
Phosphorus	31-2	-18.58	-12.36	-4.07	-11.67		ppb
Potassium	39-2	979.71	981.52	891.75	950.99	5.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	77-2	8.01	13.26	10.30	10.52	25.02	ppb
Selenium	78-2	9.29	11.76	12.32	11.12	14.51	ppb
Selenium	82-1	10.10	8.75	10.11	9.65	8.09	ppb
Silicon	28-1	21.00	16.73	16.87	18.20	13.32	ppb
Silver	109-1	2.07	2.12	2.06	2.08	1.47	ppb
Silver	107-1	1.97	2.05	2.00	2.01	1.93	ppb
Sodium	23-2	1011.36	992.01	919.21	974.20	4.99	ppb
Strontium	86-1	2.04	2.07	1.81	1.98	7.25	ppb
Strontium	88-1	1.96	2.03	1.94	1.98	2.33	ppb
Sulfur	34-1	-1047.32	-1335.50	-1366.97	-1249.93		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1.95	1.83	1.88	1.89	3.14	ppb
Thallium	205-1	1.89	1.83	1.82	1.85	2.00	ppb
Tin	118-1	9.68	9.55	9.69	9.64	0.84	ppb
Titanium	47-1	9.23	8.81	8.45	8.83	4.39	ppb
Uranium	238-1	1.84	1.83	1.79	1.82	1.31	ppb
Vanadium	51-2	9.92	9.59	9.11	9.54	4.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	4.12	4.42	3.73	4.09	8.39	ppb
Zirconium	90-1	2.01	2.04	2.02	2.02	0.80	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.92	2.09	2.12	2.05	5.26	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.39	36.56	35.62	37.52	6.74	ppb
Antimony	121-1	0.35	0.39	0.37	0.37	5.84	ppb
Arsenic	75-2	4.02	4.76	4.37	4.39	8.36	ppb
Barium	135-1	118.73	116.58	118.12	117.81	0.94	ppb
Barium	137-1	118.63	118.22	119.01	118.62	0.34	ppb
Beryllium	9-1	0.13	0.10	0.08	0.11	23.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	132.97	132.01	131.83	132.27	0.46	ppb
Boron	11-1	131.13	133.15	136.79	133.69	2.15	ppb
Cadmium	111-1	-0.15	-0.06	-0.05	-0.09		ppb
Cadmium	106-1	-2.00	-1.01	-0.95	-1.32		ppb
Cadmium	108-1	0.00	0.05	0.10	0.05	107.45	ppb
Calcium	43-1	91685.74	90623.03	90042.78	90783.85	0.92	ppb
Calcium	44-1	91200.58	90543.10	89761.02	90501.57	0.80	ppb
Chromium	52-2	0.15	0.15	0.14	0.15	3.52	ppb
Cobalt	59-2	0.60	0.68	0.66	0.65	6.68	ppb
Copper	63-2	0.87	0.89	0.86	0.87	1.56	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				113		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	5289.79	5244.00	5220.32	5251.37	0.67	ppb
Iron	57-2	5338.48	5318.21	5264.47	5307.05	0.72	ppb
Lead	206-1	0.11	0.10	0.08	0.10	18.47	ppb
Lead	207-1	0.06	0.09	0.08	0.08	15.95	ppb
Lead	208-1	0.10	0.09	0.08	0.09	10.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	24438.40	24312.21	24166.82	24305.81	0.56	ppb
Manganese	55-2	2264.93	2257.47	2250.21	2257.54	0.33	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.19	0.20	0.19	3.78	ppb
Molybdenum	95-1	0.38	0.35	0.35	0.36	6.21	ppb
Molybdenum	96-1	0.31	0.28	0.33	0.31	8.53	ppb
Molybdenum	97-1	0.30	0.28	0.32	0.30	6.99	ppb
Molybdenum	98-1	0.30	0.30	0.34	0.32	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.67	0.58	0.63	7.16	ppb
Phosphorus	31-2	5.13	0.77	10.91	5.60	90.86	ppb
Potassium	39-2	1263.32	1242.26	1225.39	1243.66	1.53	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	77-2	0.54	0.00	0.54	0.36	86.60	ppb
Selenium	78-2	0.34	-0.73	0.69	0.10	737.83	ppb
Selenium	82-1	0.28	0.72	0.15	0.38	77.93	ppb
Silicon	28-1	6807.81	6689.83	6657.19	6718.28	1.18	ppb
Silver	109-1	0.12	0.16	0.17	0.15	18.33	ppb
Silver	107-1	0.11	0.16	0.17	0.15	19.80	ppb
Sodium	23-2	29237.72	29081.15	28817.86	29045.58	0.73	ppb
Strontium	86-1	142.42	139.95	140.20	140.86	0.97	ppb
Strontium	88-1	142.52	141.60	142.51	142.21	0.37	ppb
Sulfur	34-1	6670.67	6499.69	6351.33	6507.23	2.46	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00	73.81	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	41.07	ppb
Tin	118-1	-0.01	-0.04	-0.04	-0.03		ppb
Titanium	47-1	0.78	0.82	0.84	0.81	3.50	ppb
Uranium	238-1	0.38	0.37	0.39	0.38	1.89	ppb
Vanadium	51-2	0.09	0.10	0.16	0.12	31.91	ppb
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	4.30	3.79	3.89	3.99	6.74	ppb
Zirconium	90-1	0.15	0.16	0.17	0.16	7.15	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.16	0.14	0.15	7.50	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.63	34.48	29.39	34.17	13.55	ppb
Antimony	121-1	0.28	0.28	0.28	0.28	1.26	ppb
Arsenic	75-2	4.42	4.42	4.23	4.36	2.49	ppb
Barium	135-1	117.19	115.60	115.33	116.04	0.87	ppb
Barium	137-1	119.75	117.52	116.93	118.07	1.26	ppb
Beryllium	9-1	0.04	0.10	0.11	0.08	46.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	136.48	142.33	135.07	137.96	2.79	ppb
Boron	11-1	138.13	138.03	140.76	138.97	1.11	ppb
Cadmium	111-1	-0.12	-0.07	-0.11	-0.10		ppb
Cadmium	106-1	-1.79	-1.15	-1.58	-1.51		ppb
Cadmium	108-1	0.07	0.10	0.07	0.08	17.75	ppb
Calcium	43-1	91833.16	91278.84	90892.78	91334.93	0.52	ppb
Calcium	44-1	91039.65	91501.51	91019.14	91186.77	0.30	ppb
Chromium	52-2	0.13	0.17	0.17	0.16	17.58	ppb
Cobalt	59-2	0.65	0.64	0.65	0.65	0.61	ppb
Copper	63-2	1.14	1.23	1.28	1.22	5.79	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				112		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	5265.04	5302.91	5260.64	5276.20	0.44	ppb
Iron	57-2	5337.04	5354.81	5300.34	5330.73	0.52	ppb
Lead	206-1	0.08	0.05	0.06	0.07	23.37	ppb
Lead	207-1	0.05	0.08	0.06	0.06	25.99	ppb
Lead	208-1	0.08	0.07	0.07	0.07	5.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	24253.88	24491.30	24480.37	24408.52	0.55	ppb
Manganese	55-2	2266.32	2288.40	2275.26	2276.66	0.49	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.19	0.20	0.20	4.48	ppb
Molybdenum	95-1	0.36	0.31	0.29	0.32	11.89	ppb
Molybdenum	96-1	0.29	0.29	0.35	0.31	11.72	ppb
Molybdenum	97-1	0.30	0.32	0.24	0.29	13.62	ppb
Molybdenum	98-1	0.27	0.29	0.28	0.28	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.47	0.58	0.51	12.39	ppb
Phosphorus	31-2	-4.82	36.36	18.82	16.79	123.09	ppb
Potassium	39-2	1227.99	1243.69	1233.82	1235.17	0.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	0.55	0.55	0.00	0.37	86.60	ppb
Selenium	78-2	0.22	1.48	-0.15	0.52	165.95	ppb
Selenium	82-1	-0.36	0.64	-0.12	0.05	969.85	ppb
Silicon	28-1	6755.88	6728.68	6775.52	6753.36	0.35	ppb
Silver	109-1	0.21	0.23	0.23	0.22	6.23	ppb
Silver	107-1	0.18	0.24	0.22	0.21	15.43	ppb
Sodium	23-2	28939.46	29137.66	28888.40	28988.51	0.45	ppb
Strontium	86-1	141.43	141.01	140.28	140.91	0.41	ppb
Strontium	88-1	141.99	143.03	143.58	142.87	0.56	ppb
Sulfur	34-1	6867.41	6743.44	6740.00	6783.62	1.07	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.05	-0.05	-0.04		ppb
Titanium	47-1	0.80	0.75	0.86	0.81	6.71	ppb
Uranium	238-1	0.38	0.38	0.40	0.39	3.12	ppb
Vanadium	51-2	0.08	0.08	0.09	0.08	8.53	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	5.17	5.51	5.34	5.34	3.22	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	6.45	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.19	0.12	0.15	25.50	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.01	9.23	7.02	7.42	22.19	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	9.95	ppb
Arsenic	75-2	0.72	0.87	0.84	0.81	9.52	ppb
Barium	135-1	22.79	22.81	22.52	22.71	0.72	ppb
Barium	137-1	22.56	23.35	23.24	23.05	1.84	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	2.62	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	39.39	36.54	38.15	38.03	3.75	ppb
Boron	11-1	38.08	37.73	37.28	37.70	1.07	ppb
Cadmium	111-1	-0.01	-0.07	-0.09	-0.05		ppb
Cadmium	106-1	-0.20	-0.91	-1.20	-0.77		ppb
Cadmium	108-1	0.03	0.06	0.08	0.06	50.45	ppb
Calcium	43-1	17689.15	17841.69	17914.94	17815.26	0.65	ppb
Calcium	44-1	17721.61	18011.85	17933.99	17889.15	0.84	ppb
Chromium	52-2	0.01	0.04	0.04	0.03	46.69	ppb
Cobalt	59-2	0.10	0.11	0.10	0.11	4.30	ppb
Copper	63-2	0.58	0.58	0.49	0.55	9.39	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				96		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	1034.14	1031.66	1013.71	1026.50	1.09	ppb
Iron	57-2	1054.72	1044.23	1034.79	1044.58	0.95	ppb
Lead	206-1	-0.01	0.02	0.04	0.02	145.99	ppb
Lead	207-1	0.00	0.01	0.00	0.00	202.03	ppb
Lead	208-1	0.01	0.01	0.01	0.01	40.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	4807.56	4747.52	4622.94	4726.01	1.99	ppb
Manganese	55-2	447.26	442.94	432.95	441.05	1.66	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.07	0.06	21.64	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.08	15.35	ppb
Molybdenum	96-1	0.06	0.08	0.07	0.07	10.16	ppb
Molybdenum	97-1	0.10	0.06	0.07	0.08	29.48	ppb
Molybdenum	98-1	0.06	0.07	0.10	0.08	22.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.09	-0.08	-0.09		ppb
Phosphorus	31-2	-3.82	-8.80	1.95	-3.55		ppb
Potassium	39-2	256.67	261.80	246.46	254.97	3.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	1.19	0.00	0.00	0.40	173.21	ppb
Selenium	78-2	0.58	-0.14	1.59	0.67	129.10	ppb
Selenium	82-1	-1.00	0.10	-1.08	-0.66		ppb
Silicon	28-1	1324.79	1321.53	1311.32	1319.22	0.53	ppb
Silver	109-1	0.10	0.13	0.11	0.11	12.90	ppb
Silver	107-1	0.10	0.11	0.10	0.10	9.25	ppb
Sodium	23-2	5761.69	5700.95	5622.39	5695.01	1.23	ppb
Strontium	86-1	26.91	27.64	26.87	27.14	1.59	ppb
Strontium	88-1	27.29	27.61	27.28	27.39	0.69	ppb
Sulfur	34-1	758.18	927.64	796.46	827.43	10.74	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.02	-0.04	-0.05	-0.03		ppb
Titanium	47-1	0.15	0.22	0.18	0.18	16.86	ppb
Uranium	238-1	0.08	0.06	0.07	0.07	17.00	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	27.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.72	0.78	0.75	0.75	4.26	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.00	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.08	0.05	0.05	43.16	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2088.91	2070.01	2059.27	2072.73	0.72	ppb
Antimony	121-1	108.09	106.90	105.97	106.99	1.00	ppb
Arsenic	75-2	46.43	46.92	47.51	46.95	1.15	ppb
Barium	135-1	2284.62	2259.29	2242.07	2261.99	0.95	ppb
Barium	137-1	2293.13	2273.08	2272.75	2279.65	0.51	ppb
Beryllium	9-1	53.65	52.61	53.21	53.16	0.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	134.25	134.76	134.29	134.44	0.21	ppb
Boron	11-1	135.24	138.79	138.88	137.64	1.51	ppb
Cadmium	111-1	53.69	53.51	52.78	53.33	0.90	ppb
Cadmium	106-1	44.20	43.60	44.17	43.99	0.78	ppb
Cadmium	108-1	50.97	48.45	48.45	49.29	2.95	ppb
Calcium	43-1	95034.65	93711.58	93771.18	94172.47	0.79	ppb
Calcium	44-1	95283.06	92979.30	93181.87	93814.74	1.36	ppb
Chromium	52-2	215.07	216.65	213.63	215.12	0.70	ppb
Cobalt	59-2	544.32	550.39	546.81	547.17	0.56	ppb
Copper	63-2	275.92	277.53	276.43	276.63	0.30	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				101		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	6453.47	6451.96	6423.38	6442.94	0.26	ppb
Iron	57-2	6474.28	6543.27	6472.09	6496.55	0.62	ppb
Lead	206-1	22.00	21.53	21.88	21.80	1.11	ppb
Lead	207-1	21.16	21.11	20.61	20.96	1.46	ppb
Lead	208-1	21.67	21.42	21.34	21.48	0.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	24449.63	24563.71	24399.98	24471.11	0.34	ppb
Manganese	55-2	2840.59	2865.28	2839.80	2848.56	0.51	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.23	0.28	0.28	14.58	ppb
Molybdenum	95-1	0.30	0.33	0.35	0.33	7.14	ppb
Molybdenum	96-1	0.37	0.29	0.32	0.33	12.93	ppb
Molybdenum	97-1	0.35	0.29	0.31	0.32	9.71	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.34	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.11	552.24	545.57	548.64	0.61	ppb
Phosphorus	31-2	-7.75	5.90	-3.33	-1.73		ppb
Potassium	39-2	1240.02	1246.24	1246.53	1244.26	0.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	111.75	107.09	105.35	108.06	3.07	ppb
Selenium	78-2	112.09	114.09	122.45	116.21	4.73	ppb
Selenium	82-1	117.21	114.45	111.72	114.46	2.40	ppb
Silicon	28-1	7063.51	6752.78	6837.64	6884.64	2.33	ppb
Silver	109-1	49.78	49.35	48.33	49.15	1.51	ppb
Silver	107-1	50.11	48.61	48.63	49.11	1.75	ppb
Sodium	23-2	28977.00	29143.07	29331.18	29150.42	0.61	ppb
Strontium	86-1	145.33	141.19	140.93	142.48	1.73	ppb
Strontium	88-1	148.97	143.17	143.35	145.16	2.27	ppb
Sulfur	34-1	7472.61	7122.07	7061.94	7218.87	3.07	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	54.70	53.59	53.36	53.89	1.33	ppb
Thallium	205-1	55.34	54.36	54.48	54.73	0.98	ppb
Tin	118-1	-0.01	-0.04	-0.02	-0.02		ppb
Titanium	47-1	1.97	1.48	1.77	1.74	14.01	ppb
Uranium	238-1	0.40	0.39	0.38	0.39	3.05	ppb
Vanadium	51-2	537.05	542.16	537.66	538.96	0.52	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	574.18	578.05	575.18	575.80	0.35	ppb
Zirconium	90-1	0.25	0.24	0.25	0.25	3.34	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.25	0.24	0.25	6.46	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.93	6.19	6.97	6.03	17.04	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	1.82	ppb
Arsenic	75-2	0.33	0.32	0.32	0.32	1.66	ppb
Barium	135-1	6.17	5.68	6.24	6.03	5.10	ppb
Barium	137-1	6.10	6.11	6.04	6.08	0.59	ppb
Beryllium	9-1	0.13	0.10	0.11	0.11	12.85	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	18.90	20.37	19.25	19.51	3.93	ppb
Boron	11-1	20.21	18.19	17.99	18.80	6.54	ppb
Cadmium	111-1	-0.04	-0.12	-0.10	-0.09		ppb
Cadmium	106-1	-0.53	-1.62	-1.34	-1.17		ppb
Cadmium	108-1	0.00	0.08	0.11	0.06	89.56	ppb
Calcium	43-1	4582.17	4597.43	4631.39	4603.67	0.55	ppb
Calcium	44-1	4633.36	4590.93	4632.59	4618.96	0.53	ppb
Chromium	52-2	0.01	0.02	0.03	0.02	34.51	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	15.25	ppb
Copper	63-2	0.52	0.47	0.52	0.50	6.59	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				96		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	271.80	270.96	271.35	271.37	0.15	ppb
Iron	57-2	284.61	285.66	276.81	282.36	1.71	ppb
Lead	206-1	0.00	0.01	0.01	0.01	57.35	ppb
Lead	207-1	0.02	0.01	0.00	0.01	80.07	ppb
Lead	208-1	0.01	0.01	0.02	0.01	41.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	1248.69	1223.02	1217.58	1229.76	1.35	ppb
Manganese	55-2	116.45	114.55	115.21	115.40	0.84	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.04	0.04	6.77	ppb
Molybdenum	95-1	0.10	0.08	0.15	0.11	34.63	ppb
Molybdenum	96-1	0.10	0.12	0.11	0.11	7.32	ppb
Molybdenum	97-1	0.10	0.07	0.08	0.09	18.94	ppb
Molybdenum	98-1	0.14	0.10	0.11	0.11	15.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.07	-0.20	-0.14		ppb
Phosphorus	31-2	-15.30	-6.43	-8.57	-10.10		ppb
Potassium	39-2	73.35	75.86	78.08	75.77	3.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	0.60	0.00	1.19	0.60	99.75	ppb
Selenium	78-2	0.99	0.19	0.46	0.55	74.49	ppb
Selenium	82-1	-0.09	0.39	-0.62	-0.11		ppb
Silicon	28-1	387.58	382.30	385.45	385.11	0.69	ppb
Silver	109-1	0.09	0.11	0.10	0.10	9.01	ppb
Silver	107-1	0.10	0.11	0.09	0.10	7.44	ppb
Sodium	23-2	1528.80	1496.14	1511.11	1512.02	1.08	ppb
Strontium	86-1	7.05	7.06	7.05	7.05	0.07	ppb
Strontium	88-1	7.09	7.14	7.16	7.13	0.54	ppb
Sulfur	34-1	-437.30	-447.19	-616.04	-500.18		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	-0.01	0.04	0.02	108.34	ppb
Titanium	47-1	0.03	0.06	0.10	0.06	52.49	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	30.42	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	40.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	1.73	1.76	1.53	1.67	7.40	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	40.19	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.02	63.99	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.82	2.45	2.52	2.26	16.91	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	10.40	ppb
Arsenic	75-2	0.24	0.21	0.22	0.22	5.75	ppb
Barium	135-1	5.85	5.73	5.85	5.81	1.20	ppb
Barium	137-1	5.79	6.03	6.00	5.94	2.23	ppb
Beryllium	9-1	0.07	0.14	0.12	0.11	36.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	11.28	13.65	13.38	12.77	10.17	ppb
Boron	11-1	13.63	13.08	13.74	13.48	2.63	ppb
Cadmium	111-1	-0.10	-0.11	-0.10	-0.10		ppb
Cadmium	106-1	-1.38	-1.35	-1.30	-1.34		ppb
Cadmium	108-1	0.00	0.03	0.05	0.03	106.02	ppb
Calcium	43-1	4611.25	4434.13	4769.26	4604.88	3.64	ppb
Calcium	44-1	4613.76	4513.59	4712.79	4613.38	2.16	ppb
Chromium	52-2	0.02	0.02	0.07	0.04	79.57	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	7.97	ppb
Copper	63-2	0.34	0.28	0.32	0.32	9.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	291.47	276.04	280.71	282.74	2.80	ppb
Iron	57-2	292.84	281.38	276.26	283.50	3.00	ppb
Lead	206-1	0.03	0.00	0.02	0.02	72.21	ppb
Lead	207-1	0.01	0.01	0.00	0.01	64.55	ppb
Lead	208-1	0.03	0.02	0.02	0.02	33.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	1324.46	1240.24	1286.72	1283.81	3.29	ppb
Manganese	55-2	124.36	118.00	120.63	121.00	2.64	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	51.19	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	36.36	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	31.00	ppb
Molybdenum	97-1	0.03	0.03	0.00	0.02	72.65	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.02	19.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.03	-0.11	-0.10		ppb
Phosphorus	31-2	-1.81	-15.29	4.30	-4.27		ppb
Potassium	39-2	91.77	72.71	81.80	82.09	11.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	1.21	0.25	0.38	207.33	ppb
Selenium	82-1	0.06	0.83	-0.60	0.10	735.73	ppb
Silicon	28-1	382.05	371.97	392.21	382.08	2.65	ppb
Silver	109-1	0.05	0.06	0.05	0.06	10.46	ppb
Silver	107-1	0.05	0.05	0.06	0.05	17.66	ppb
Sodium	23-2	1625.50	1540.73	1577.69	1581.31	2.69	ppb
Strontium	86-1	7.04	7.28	7.18	7.16	1.69	ppb
Strontium	88-1	7.08	7.12	7.18	7.13	0.68	ppb
Sulfur	34-1	-475.74	-761.50	-403.81	-547.02		ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.07	-0.06	-0.04	-0.06		ppb
Titanium	47-1	0.04	0.06	0.00	0.04	85.94	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.23	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	69.82	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	0.72	0.49	0.46	0.56	25.00	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	16.97	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

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

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.35	1.44	3.81	2.53	47.24	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	8.70	ppb
Arsenic	75-2	0.10	0.09	0.09	0.09	4.14	ppb
Barium	135-1	1.07	1.09	1.15	1.10	3.58	ppb
Barium	137-1	1.21	1.07	1.13	1.14	6.39	ppb
Beryllium	9-1	0.06	0.06	0.08	0.06	16.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	5.52	5.82	6.76	6.04	10.74	ppb
Boron	11-1	6.58	6.69	6.43	6.57	2.00	ppb
Cadmium	111-1	-0.03	-0.04	-0.14	-0.07		ppb
Cadmium	106-1	-0.39	-0.62	-1.74	-0.92		ppb
Cadmium	108-1	0.03	0.00	0.11	0.04	127.03	ppb
Calcium	43-1	868.76	899.55	916.78	895.03	2.72	ppb
Calcium	44-1	888.78	881.71	874.49	881.66	0.81	ppb
Chromium	52-2	0.04	0.04	0.01	0.03	72.71	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.25	0.25	0.24	0.25	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	53.26	52.56	52.23	52.68	1.00	ppb
Iron	57-2	47.39	49.71	49.97	49.03	2.90	ppb
Lead	206-1	0.02	0.02	0.01	0.02	26.97	ppb
Lead	207-1	0.00	0.02	0.01	0.01	97.53	ppb
Lead	208-1	0.02	0.03	0.02	0.02	23.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	236.13	230.73	225.91	230.92	2.21	ppb
Manganese	55-2	22.63	21.86	22.11	22.20	1.77	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	19.18	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	29.85	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.03	53.55	ppb
Molybdenum	97-1	0.02	0.02	0.00	0.01	79.19	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	49.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.21	-0.12	-0.17		ppb
Phosphorus	31-2	-0.97	9.77	-6.01	0.93	866.43	ppb
Potassium	39-2	22.89	24.59	26.56	24.68	7.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.70	0.81	-0.02		ppb
Selenium	82-1	0.60	-0.23	-0.05	0.11	396.89	ppb
Silicon	28-1	69.10	66.92	67.42	67.81	1.69	ppb
Silver	109-1	0.04	0.04	0.02	0.04	28.90	ppb
Silver	107-1	0.03	0.04	0.04	0.04	17.55	ppb
Sodium	23-2	309.78	303.84	304.45	306.03	1.07	ppb
Strontium	86-1	1.28	1.39	1.33	1.33	4.44	ppb
Strontium	88-1	1.36	1.37	1.39	1.37	1.18	ppb
Sulfur	34-1	-543.28	-675.30	-527.89	-582.16		ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.05	-0.04	-0.03		ppb
Titanium	47-1	0.00	0.09	0.07	0.05	85.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	0.64	0.60	0.58	0.61	5.55	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	22.05	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.00	0.00	486.71	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.81	119.23	117.39	115.48	4.33	ppb
Antimony	121-1	5.55	5.73	5.76	5.68	1.98	ppb
Arsenic	75-2	2.69	2.31	2.55	2.52	7.50	ppb
Barium	135-1	117.82	115.72	119.32	117.62	1.54	ppb
Barium	137-1	120.12	118.81	120.68	119.87	0.80	ppb
Beryllium	9-1	2.66	2.92	2.93	2.84	5.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	12.96	10.53	10.44	11.31	12.66	ppb
Boron	11-1	10.90	10.34	11.51	10.92	5.35	ppb
Cadmium	111-1	2.70	2.84	2.58	2.71	4.70	ppb
Cadmium	106-1	0.29	1.37	0.09	0.58	117.63	ppb
Cadmium	108-1	2.90	2.40	2.45	2.58	10.56	ppb
Calcium	43-1	4923.01	4931.41	5052.41	4968.95	1.46	ppb
Calcium	44-1	4950.19	4912.50	5087.08	4983.26	1.84	ppb
Chromium	52-2	11.54	11.44	11.82	11.60	1.66	ppb
Cobalt	59-2	29.67	29.13	29.78	29.53	1.17	ppb
Copper	63-2	15.22	15.17	15.41	15.27	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	351.25	345.63	351.18	349.36	0.92	ppb
Iron	57-2	360.37	360.86	354.23	358.49	1.03	ppb
Lead	206-1	1.14	1.15	1.20	1.16	3.03	ppb
Lead	207-1	1.11	1.16	1.14	1.14	1.95	ppb
Lead	208-1	1.15	1.15	1.18	1.16	1.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	1312.62	1320.08	1332.54	1321.74	0.76	ppb
Manganese	55-2	152.43	151.99	153.94	152.79	0.67	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	38.57	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	50.06	ppb
Molybdenum	96-1	0.03	0.01	0.01	0.02	64.92	ppb
Molybdenum	97-1	0.01	0.02	0.04	0.02	47.72	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	62.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.65	30.21	29.47	29.78	1.30	ppb
Phosphorus	31-2	-12.63	-17.55	-5.37	-11.85		ppb
Potassium	39-2	74.13	77.79	74.22	75.38	2.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	8.06	6.67	4.87	6.53	24.50	ppb
Selenium	78-2	6.22	4.92	6.05	5.73	12.34	ppb
Selenium	82-1	5.90	5.29	7.13	6.11	15.37	ppb
Silicon	28-1	413.62	408.70	429.39	417.24	2.59	ppb
Silver	109-1	2.61	2.60	2.66	2.63	1.23	ppb
Silver	107-1	2.67	2.69	2.73	2.70	1.19	ppb
Sodium	23-2	1616.91	1593.72	1606.56	1605.73	0.72	ppb
Strontium	86-1	7.59	7.04	7.60	7.41	4.38	ppb
Strontium	88-1	7.53	7.46	7.69	7.56	1.56	ppb
Sulfur	34-1	-42.98	-5.00	175.18	42.40	274.88	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	2.73	2.75	2.86	2.78	2.50	ppb
Thallium	205-1	2.75	2.84	2.86	2.82	2.18	ppb
Tin	118-1	-0.08	-0.04	-0.05	-0.06		ppb
Titanium	47-1	0.04	0.22	0.03	0.10	112.04	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.86	ppb
Vanadium	51-2	28.88	28.60	28.81	28.76	0.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	31.88	31.79	31.90	31.86	0.18	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.20	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	32.96	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48992.09	49109.32	50037.24	49379.55	1.16	ppb
Antimony	121-1	495.75	490.63	491.12	492.50	0.57	ppb
Arsenic	75-2	494.78	484.59	494.19	491.19	1.16	ppb
Barium	135-1	2509.37	2477.77	2500.06	2495.73	0.65	ppb
Barium	137-1	2518.80	2496.22	2485.37	2500.13	0.68	ppb
Beryllium	9-1	503.87	495.94	509.49	503.10	1.35	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	493.07	495.55	495.72	494.78	0.30	ppb
Boron	11-1	486.29	481.48	505.53	491.10	2.59	ppb
Cadmium	111-1	486.64	480.88	481.46	482.99	0.66	ppb
Cadmium	106-1	490.25	485.53	488.79	488.19	0.49	ppb
Cadmium	108-1	498.13	474.44	486.81	486.46	2.44	ppb
Calcium	43-1	240803.71	242573.24	245855.46	243077.47	1.05	ppb
Calcium	44-1	240590.58	242143.80	242626.08	241786.82	0.44	ppb
Chromium	52-2	499.31	501.66	513.03	504.67	1.45	ppb
Cobalt	59-2	479.56	479.73	489.65	482.98	1.20	ppb
Copper	63-2	935.03	936.07	957.24	942.78	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	121442.60	122652.96	123726.95	122607.50	0.93	ppb
Iron	57-2	122512.26	121111.08	123605.02	122409.45	1.02	ppb
Lead	206-1	517.03	510.42	518.69	515.38	0.85	ppb
Lead	207-1	509.65	503.06	508.16	506.96	0.68	ppb
Lead	208-1	517.81	510.86	518.61	515.76	0.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	241556.81	241032.97	245511.32	242700.36	1.01	ppb
Manganese	55-2	975.16	980.80	1001.74	985.90	1.42	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.45	484.88	496.36	491.23	1.19	ppb
Molybdenum	95-1	500.08	491.47	503.25	498.27	1.22	ppb
Molybdenum	96-1	494.76	488.02	497.30	493.36	0.97	ppb
Molybdenum	97-1	502.03	495.27	507.98	501.76	1.27	ppb
Molybdenum	98-1	507.06	501.01	511.14	506.40	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.38	481.63	490.88	484.96	1.06	ppb
Phosphorus	31-2	9557.98	9629.22	10099.60	9762.27	3.01	ppb
Potassium	39-2	121108.30	120934.56	123596.92	121879.93	1.22	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	487.11	473.87	487.64	482.87	1.62	ppb
Selenium	78-2	496.55	481.09	500.34	492.66	2.07	ppb
Selenium	82-1	485.59	476.53	486.28	482.80	1.13	ppb
Silicon	28-1	582.72	585.43	591.00	586.38	0.72	ppb
Silver	109-1	487.64	479.06	481.68	482.79	0.91	ppb
Silver	107-1	485.16	479.69	482.12	482.32	0.57	ppb
Sodium	23-2	245891.05	243667.28	247717.85	245758.73	0.83	ppb
Strontium	86-1	515.64	505.60	516.44	512.56	1.18	ppb
Strontium	88-1	516.16	509.41	521.65	515.74	1.19	ppb
Sulfur	34-1	10571.51	10314.82	10562.10	10482.81	1.39	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	512.93	509.98	516.40	513.10	0.63	ppb
Thallium	205-1	510.37	509.74	515.85	511.99	0.66	ppb
Tin	118-1	500.54	497.98	494.00	497.51	0.66	ppb
Titanium	47-1	495.35	498.29	505.03	499.56	0.99	ppb
Uranium	238-1	532.81	528.91	532.47	531.40	0.41	ppb
Vanadium	51-2	495.11	493.64	506.21	498.32	1.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	946.26	942.76	959.98	949.66	0.96	ppb
Zirconium	90-1	482.44	479.96	489.77	484.06	1.05	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.33	471.32	481.76	477.80	1.18	ppb

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : CCB010 Instrumnet Name : P7
 Client Sample ID : CCB010 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 14:10:18 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	1.01	-0.15	0.40	143.73	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	5.77	ppb
Arsenic	75-2	0.01	-0.01	0.05	0.02	153.25	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.07	0.14	0.12	0.11	32.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	5.23	5.20	5.15	5.19	0.83	ppb
Boron	11-1	5.09	4.59	5.22	4.97	6.66	ppb
Cadmium	111-1	-0.14	-0.13	-0.17	-0.15		ppb
Cadmium	106-1	-1.77	-1.68	-2.16	-1.87		ppb
Cadmium	108-1	0.00	0.03	0.08	0.04	116.97	ppb
Calcium	43-1	-2.24	-0.99	-1.25	-1.50		ppb
Calcium	44-1	-1.44	-1.94	-2.23	-1.87		ppb
Chromium	52-2	-0.01	0.00	0.03	0.01	293.35	ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	0.06	0.05	0.07	0.06	16.05	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				102		%
Holmium	165-2				93		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1.71	1.73	1.45	1.63	9.52	ppb
Iron	57-2	1.85	1.71	0.35	1.30	63.44	ppb
Lead	206-1	0.01	0.02	0.02	0.02	24.60	ppb
Lead	207-1	0.03	0.01	0.03	0.02	33.29	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	-13.37	-11.17	-11.70	-12.08		ppb
Manganese	55-2	-0.17	-0.12	-0.15	-0.15		ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 14:10:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.07	0.05	0.05	23.23	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	20.82	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	12.06	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	17.28	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	21.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.26	-0.28	-0.26		ppb
Phosphorus	31-2	15.69	16.50	0.83	11.01	80.19	ppb
Potassium	39-2	9.72	9.13	6.92	8.59	17.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.61	0.20	173.21	ppb
Selenium	78-2	-0.03	1.59	0.24	0.60	145.48	ppb
Selenium	82-1	-0.23	-0.50	-0.59	-0.44		ppb
Silicon	28-1	-4.25	-5.53	-4.44	-4.74		ppb
Silver	109-1	0.02	0.01	0.02	0.02	20.63	ppb
Silver	107-1	0.02	0.01	0.02	0.01	26.22	ppb
Sodium	23-2	18.99	19.69	18.93	19.20	2.19	ppb
Strontium	86-1	-0.02	-0.03	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.00	ppb
Sulfur	34-1	-510.55	-805.45	-548.49	-621.50		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.00	74.22	ppb
Tin	118-1	0.04	0.05	0.05	0.04	13.84	ppb
Titanium	47-1	0.02	-0.02	0.06	0.02	206.48	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	0.07	0.04	-0.03	0.03	178.10	ppb
Zirconium	90-1	0.08	0.07	0.05	0.07	19.11	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 14:10:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.04	0.05	18.54	ppb

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	33	36	13.33	cps
Antimony	121-1	75	50	100	75	33.34	cps
Arsenic	75-2	11	9	9	10	10.81	cps
Barium	135-1	75	67	58	67	12.49	cps
Barium	137-1	50	108	58	72	43.68	cps
Beryllium	9-1	122	56	50	76	52.93	cps
Bismuth	209-1	6835771	7125804	6969912	6977162	2.08	cps
Bismuth	209-2	4462269	4365313	4285371	4370984	2.03	cps
Boron	10-1	150	150	142	147	3.27	cps
Boron	11-1	675	608	767	683	11.63	cps
Cadmium	111-1	1921	2242	2116	2093	7.74	cps
Cadmium	106-1	2742	3184	3009	2978	7.47	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	167	217	208	197	13.58	cps
Calcium	44-1	6068	6085	6393	6182	2.96	cps
Chromium	52-2	397	450	457	434	7.57	cps
Cobalt	59-2	167	123	70	120	40.35	cps
Copper	63-2	763	580	667	670	13.69	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	23	30	13	22	37.76	cps
Gadolinium	160-1	58	42	83	61	34.32	cps
Gadolinium	160-2	83	97	100	93	9.45	cps
Holmium	165-1	9693807	10099965	9890380	9894717	2.05	cps
Holmium	165-2	5519171	5481774	5381885	5460943	1.30	cps
Indium	115-1	7668281	8007063	7870304	7848549	2.17	cps
Indium	115-2	1648049	1643373	1610101	1633841	1.27	cps
Iron	56-2	4718	4873	4501	4697	3.98	cps
Iron	57-2	239	294	289	274	11.16	cps
Lead	206-1	850	878	889	872	2.30	cps
Lead	207-1	767	794	822	794	3.50	cps
Lead	208-1	3245	3578	3434	3419	4.89	cps
Lithium	6-1	1635503	1685922	1663589	1661671	1.52	cps
Magnesium	24-2	3684	3692	3467	3615	3.53	cps
Manganese	55-2	447	477	403	442	8.34	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	225	250	231	7.52	cps
Molybdenum	95-1	58	133	108	100	38.19	cps
Molybdenum	96-1	175	150	167	164	7.77	cps
Molybdenum	97-1	117	100	108	108	7.69	cps
Molybdenum	98-1	158	192	225	192	17.39	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1033	990	953	992	4.04	cps
Phosphorus	31-2	200	150	108	153	30.04	cps
Potassium	39-2	27560	27910	27209	27560	1.27	cps
Rhodium	103-1	6743914	7071173	6922861	6912649	2.37	cps
Rhodium	103-2	3396109	3390319	3323393	3369940	1.20	cps
Scandium	45-1	4328889	4548541	4472576	4450002	2.51	cps
Scandium	45-2	192751	193851	189707	192103	1.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	59	54	55	7.02	cps
Selenium	82-1	14	-38	89	22	296.26	cps
Silicon	28-1	271315	270152	268415	269961	0.54	cps
Silver	109-1	25	67	33	42	52.92	cps
Silver	107-1	75	50	108	78	37.63	cps
Sodium	23-2	8486	8544	8970	8667	3.05	cps
Strontium	86-1	1592	1350	1375	1439	9.24	cps
Strontium	88-1	192	158	225	192	17.39	cps
Sulfur	34-1	287518	289512	295266	290765	1.38	cps
Terbium	159-1	10252959	10567855	10453723	10424846	1.53	cps
Terbium	159-2	5475714	5455181	5375786	5435560	0.97	cps
Thallium	203-1	300	292	308	300	2.78	cps
Thallium	205-1	667	592	675	644	7.12	cps
Tin	118-1	1417	1417	1517	1450	3.98	cps
Titanium	47-1	83	125	133	114	23.52	cps
Uranium	238-1	283	283	375	314	16.86	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Yttrium	89-1	7515857	7944857	7756298	7739004	2.78	cps
Yttrium	89-2	1189127	1184487	1159698	1177771	1.34	cps
Zinc	66-2	137	97	133	122	18.16	cps
Zirconium	90-1	533	458	592	528	12.67	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:21:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	117	136	12.75	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1208	1358	1158	1242	8.38	cps
Antimony	121-1	16310	16685	16443	16480	1.15	cps
Arsenic	75-2	272	224	296	264	13.92	cps
Barium	135-1	19832	20958	19965	20252	3.04	cps
Barium	137-1	34953	35989	35989	35644	1.68	cps
Beryllium	9-1	1367	1400	1489	1419	4.45	cps
Bismuth	209-1	6854956	7031146	7005685	6963929	1.37	cps
Bismuth	209-2	4178933	4188369	4229928	4199077	0.65	cps
Boron	10-1	3267	3075	3726	3356	9.95	cps
Boron	11-1	15667	16985	16818	16490	4.35	cps
Cadmium	111-1	3989	3860	3989	3946	1.89	cps
Cadmium	106-1	3217	3134	3217	3189	1.51	cps
Cadmium	108-1	192	192	192	192	0.00	cps
Calcium	43-1	10729	11413	10846	10996	3.33	cps
Calcium	44-1	178371	182876	183930	181726	1.62	cps
Chromium	52-2	4681	4831	4838	4783	1.85	cps
Cobalt	59-2	3330	3380	3380	3364	0.86	cps
Copper	63-2	6111	5855	5991	5986	2.15	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	67	39	75.26	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	90	90	103	94	8.15	cps
Holmium	165-1	10103456	10277291	10297212	10225986	1.04	cps
Holmium	165-2	5291445	5335093	5345413	5323983	0.54	cps
Indium	115-1	7912072	8060048	8011124	7994415	0.94	cps
Indium	115-2	1591519	1602372	1609896	1601263	0.58	cps
Iron	56-2	89298	89181	89074	89184	0.13	cps
Iron	57-2	2445	2334	2334	2371	2.71	cps
Lead	206-1	9326	8964	8464	8918	4.85	cps
Lead	207-1	7669	7714	7630	7671	0.54	cps
Lead	208-1	35709	34896	34613	35073	1.62	cps
Lithium	6-1	1672707	1700266	1692636	1688536	0.84	cps
Magnesium	24-2	73589	73297	72324	73070	0.91	cps
Manganese	55-2	1557	1610	1617	1595	2.06	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15684	15309	15275	15423	1.47	cps
Molybdenum	95-1	18404	18805	19339	18849	2.49	cps
Molybdenum	96-1	20240	20833	20315	20463	1.58	cps
Molybdenum	97-1	10963	11722	12239	11641	5.51	cps
Molybdenum	98-1	30408	29415	30350	30058	1.86	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1790	1860	1917	1856	3.42	cps
Phosphorus	31-2	133	142	108	128	13.58	cps
Potassium	39-2	99340	99877	100523	99913	0.59	cps
Rhodium	103-1	6929762	7142137	7071203	7047701	1.53	cps
Rhodium	103-2	3268049	3298744	3293255	3286683	0.50	cps
Scandium	45-1	4432616	4495493	4470781	4466297	0.71	cps
Scandium	45-2	185410	186349	187851	186537	0.66	cps
Selenium	77-2	23	13	10	16	44.60	cps
Selenium	78-2	163	131	150	148	10.68	cps
Selenium	82-1	541	480	688	569	18.80	cps
Silicon	28-1	308190	306881	307473	307515	0.21	cps
Silver	109-1	11997	12222	11722	11981	2.09	cps
Silver	107-1	12131	12389	12731	12417	2.43	cps
Sodium	23-2	143169	140299	143431	142300	1.22	cps
Strontium	86-1	4051	4092	4209	4117	1.99	cps
Strontium	88-1	22160	22468	23078	22569	2.07	cps
Sulfur	34-1	281031	285054	285123	283736	0.83	cps
Terbium	159-1	10486968	10818076	10750090	10685045	1.64	cps
Terbium	159-2	5306955	5300585	5322680	5310073	0.21	cps
Thallium	203-1	8378	8495	8311	8395	1.11	cps
Thallium	205-1	19799	20658	20850	20436	2.74	cps
Tin	118-1	33332	32146	33641	33040	2.39	cps
Titanium	47-1	4893	4643	4926	4820	3.21	cps
Uranium	238-1	27780	28457	29443	28560	2.93	cps
Vanadium	51-2	8312	8419	8076	8269	2.13	cps
Yttrium	89-1	7840149	7972437	8009632	7940739	1.12	cps
Yttrium	89-2	1147760	1147993	1153940	1149898	0.30	cps
Zinc	66-2	927	943	947	939	1.14	cps
Zirconium	90-1	12873	12514	12364	12584	2.08	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:29:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2859	2942	2767	2856	3.07	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:33:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66891	68206	67670	67589	0.98	cps
Antimony	121-1	446934	448905	452091	449310	0.58	cps
Arsenic	75-2	13467	13464	13788	13573	1.37	cps
Barium	135-1	569426	570621	562858	567635	0.74	cps
Barium	137-1	994236	999470	995988	996565	0.27	cps
Beryllium	9-1	71457	71440	71300	71399	0.12	cps
Bismuth	209-1	6805075	7011011	7071351	6962479	2.01	cps
Bismuth	209-2	4391429	4313032	4252866	4319109	1.61	cps
Boron	10-1	7777	7986	7944	7902	1.40	cps
Boron	11-1	38383	37924	37213	37840	1.56	cps
Cadmium	111-1	107992	108779	108963	108578	0.47	cps
Cadmium	106-1	13932	14675	14500	14369	2.70	cps
Cadmium	108-1	7815	7494	7769	7693	2.26	cps
Calcium	43-1	119950	118278	119387	119205	0.71	cps
Calcium	44-1	1937730	1946896	1944816	1943147	0.25	cps
Chromium	52-2	113573	113566	113358	113499	0.11	cps
Cobalt	59-2	184169	185631	188359	186053	1.14	cps
Copper	63-2	266297	268557	266435	267096	0.47	cps
Dysprosium	156-1	25	25	33	28	17.33	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	67	67	25	53	45.58	cps
Gadolinium	160-2	67	97	73	79	19.97	cps
Holmium	165-1	10330045	10267545	10324850	10307480	0.34	cps
Holmium	165-2	5536705	5438022	5405401	5460042	1.25	cps
Indium	115-1	8021257	8072624	8095379	8063087	0.47	cps
Indium	115-2	1646253	1610066	1604395	1620238	1.40	cps
Iron	56-2	4799521	4821684	4825440	4815548	0.29	cps
Iron	57-2	118497	119582	117813	118631	0.75	cps
Lead	206-1	372570	374798	377103	374824	0.60	cps
Lead	207-1	336546	341599	345714	341286	1.35	cps
Lead	208-1	1521155	1527417	1544338	1530970	0.78	cps
Lithium	6-1	1693065	1694296	1696272	1694544	0.10	cps
Magnesium	24-2	791502	807213	799585	799433	0.98	cps
Manganese	55-2	132335	132691	132574	132533	0.14	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:33:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	379704	376231	373852	376596	0.78	cps
Molybdenum	95-1	208291	207580	210335	208735	0.69	cps
Molybdenum	96-1	266850	264440	266064	265785	0.46	cps
Molybdenum	97-1	129786	133697	129978	131154	1.68	cps
Molybdenum	98-1	335621	340215	339259	338365	0.72	cps
Neodymium	150-1	127	53	33	71	69.10	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	49687	49590	49841	49706	0.25	cps
Phosphorus	31-2	3667	3726	3734	3709	0.98	cps
Potassium	39-2	435217	434714	439702	436544	0.63	cps
Rhodium	103-1	7009156	7040012	7089947	7046372	0.58	cps
Rhodium	103-2	3369109	3288494	3291857	3316487	1.38	cps
Scandium	45-1	4466376	4487247	4497569	4483731	0.35	cps
Scandium	45-2	194109	191585	186467	190720	2.04	cps
Selenium	77-2	367	300	260	309	17.45	cps
Selenium	78-2	1067	1015	1011	1031	3.01	cps
Selenium	82-1	6175	6479	6404	6353	2.49	cps
Silicon	28-1	507582	512124	507645	509117	0.51	cps
Silver	109-1	512904	518031	518037	516324	0.57	cps
Silver	107-1	537360	534115	534689	535388	0.32	cps
Sodium	23-2	1486031	1490632	1486233	1487632	0.17	cps
Strontium	86-1	139186	140161	138008	139119	0.77	cps
Strontium	88-1	1228375	1214351	1226217	1222981	0.62	cps
Sulfur	34-1	316583	315877	311563	314674	0.86	cps
Terbium	159-1	10724996	10890385	10860115	10825165	0.81	cps
Terbium	159-2	5496242	5380521	5381987	5419583	1.23	cps
Thallium	203-1	452088	460189	453689	455322	0.94	cps
Thallium	205-1	1091568	1101811	1098890	1097423	0.48	cps
Tin	118-1	374596	370961	369757	371771	0.68	cps
Titanium	47-1	55664	55112	55597	55458	0.54	cps
Uranium	238-1	1583893	1573127	1578086	1578369	0.34	cps
Vanadium	51-2	92142	93299	93433	92958	0.76	cps
Yttrium	89-1	8062772	7955381	7938576	7985576	0.84	cps
Yttrium	89-2	1187298	1160436	1156468	1168068	1.44	cps
Zinc	66-2	38026	37806	38461	38098	0.87	cps
Zirconium	90-1	708621	709661	711640	709974	0.22	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:33:23	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	154797	158392	156354	156514	1.15	cps

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 12:37:11 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170546	170873	171355	170925	0.24	cps
Antimony	121-1	1134741	1147985	1139957	1140894	0.58	cps
Arsenic	75-2	34383	34365	33832	34193	0.92	cps
Barium	135-1	1444724	1449677	1446032	1446811	0.18	cps
Barium	137-1	2526736	2522580	2507810	2519042	0.39	cps
Beryllium	9-1	176962	174546	173950	175153	0.91	cps
Bismuth	209-1	6850784	7040101	7015180	6968689	1.48	cps
Bismuth	209-2	4140655	4145537	4088445	4124879	0.77	cps
Boron	10-1	19221	19405	19288	19305	0.48	cps
Boron	11-1	90914	92516	92113	91848	0.91	cps
Cadmium	111-1	270833	269224	269820	269959	0.30	cps
Cadmium	106-1	30793	32062	31461	31439	2.02	cps
Cadmium	108-1	19802	19288	18963	19351	2.18	cps
Calcium	43-1	300902	297672	300080	299551	0.56	cps
Calcium	44-1	4945737	4910875	4912306	4922973	0.40	cps
Chromium	52-2	281576	280462	285088	282375	0.85	cps
Cobalt	59-2	462734	463081	464867	463561	0.25	cps
Copper	63-2	664229	669851	671492	668524	0.57	cps
Dysprosium	156-1	58	75	25	53	48.24	cps
Dysprosium	156-2	27	17	13	19	36.75	cps
Erbium	164-1	42	25	67	44	47.19	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	92	67	17	58	65.46	cps
Gadolinium	160-2	117	70	87	91	25.96	cps
Holmium	165-1	10524453	10325298	10389649	10413133	0.98	cps
Holmium	165-2	5313010	5323090	5255365	5297155	0.69	cps
Indium	115-1	8105805	8106282	8011857	8074648	0.67	cps
Indium	115-2	1570053	1571197	1551358	1564203	0.71	cps
Iron	56-2	11876708	11846087	11876971	11866589	0.15	cps
Iron	57-2	294902	295716	297414	296011	0.43	cps
Lead	206-1	939230	935270	934851	936450	0.26	cps
Lead	207-1	846135	845808	851390	847778	0.37	cps
Lead	208-1	3826255	3831187	3821903	3826448	0.12	cps
Lithium	6-1	1699715	1698194	1696099	1698003	0.11	cps
Magnesium	24-2	1998251	1995012	2002323	1998528	0.18	cps
Manganese	55-2	329712	329818	332263	330598	0.44	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:37:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958827	960107	952809	957248	0.41	cps
Molybdenum	95-1	529327	525386	525394	526702	0.43	cps
Molybdenum	96-1	677135	676086	676116	676446	0.09	cps
Molybdenum	97-1	329365	329914	327015	328764	0.47	cps
Molybdenum	98-1	858311	856394	845973	853559	0.78	cps
Neodymium	150-1	120	87	87	98	19.68	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	121703	122234	124281	122739	1.11	cps
Phosphorus	31-2	8995	9337	9095	9142	1.92	cps
Potassium	39-2	1052862	1057158	1068070	1059363	0.74	cps
Rhodium	103-1	7008773	7046464	7031287	7028841	0.27	cps
Rhodium	103-2	3215292	3216560	3169402	3200418	0.84	cps
Scandium	45-1	4474672	4522387	4552153	4516404	0.87	cps
Scandium	45-2	185171	183480	181982	183544	0.87	cps
Selenium	77-2	687	740	687	704	4.37	cps
Selenium	78-2	2426	2417	2584	2476	3.78	cps
Selenium	82-1	16198	15977	16080	16085	0.69	cps
Silicon	28-1	873582	878097	873909	875196	0.29	cps
Silver	109-1	1289755	1282551	1281096	1284467	0.36	cps
Silver	107-1	1336346	1332456	1332737	1333846	0.16	cps
Sodium	23-2	3715881	3722249	3765808	3734646	0.73	cps
Strontium	86-1	349292	350102	351959	350451	0.39	cps
Strontium	88-1	3074131	3079870	3085780	3079927	0.19	cps
Sulfur	34-1	351749	349913	346350	349338	0.79	cps
Terbium	159-1	10877707	11028103	10902790	10936200	0.74	cps
Terbium	159-2	5276841	5280262	5238062	5265055	0.45	cps
Thallium	203-1	1143174	1134603	1136088	1137955	0.40	cps
Thallium	205-1	2746517	2732932	2756812	2745421	0.44	cps
Tin	118-1	931953	933813	927322	931030	0.36	cps
Titanium	47-1	139909	139764	138790	139487	0.44	cps
Uranium	238-1	4022567	4014322	4030494	4022461	0.20	cps
Vanadium	51-2	233250	231543	235062	233285	0.75	cps
Yttrium	89-1	8016087	8090185	7988396	8031556	0.66	cps
Yttrium	89-2	1133185	1139607	1128761	1133851	0.48	cps
Zinc	66-2	94422	94805	94040	94422	0.40	cps
Zirconium	90-1	1816825	1819183	1801476	1812494	0.53	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:37:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	403143	400504	401391	401679	0.33	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336694	337499	339959	338051	0.50	cps
Antimony	121-1	2300957	2303086	2272538	2292194	0.74	cps
Arsenic	75-2	68635	68495	68229	68453	0.30	cps
Barium	135-1	2882553	2895723	2893306	2890527	0.24	cps
Barium	137-1	5114983	5117300	5090202	5107495	0.29	cps
Beryllium	9-1	347604	348115	347442	347720	0.10	cps
Bismuth	209-1	6897947	6842549	7244741	6995079	3.12	cps
Bismuth	209-2	4151750	4474302	4252908	4292987	3.84	cps
Boron	10-1	37648	38642	38475	38255	1.39	cps
Boron	11-1	182588	185348	187694	185210	1.38	cps
Cadmium	111-1	534930	537414	533070	535138	0.41	cps
Cadmium	106-1	59794	60797	60330	60307	0.83	cps
Cadmium	108-1	39046	37922	38340	38436	1.48	cps
Calcium	43-1	601195	602875	598073	600714	0.41	cps
Calcium	44-1	9677682	9699983	9543520	9640395	0.88	cps
Chromium	52-2	560793	563126	565528	563149	0.42	cps
Cobalt	59-2	920402	918950	925232	921528	0.36	cps
Copper	63-2	1324735	1320110	1325904	1323583	0.23	cps
Dysprosium	156-1	67	75	125	89	35.50	cps
Dysprosium	156-2	50	30	27	36	35.49	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	7	27	20	18	57.27	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	80	93	117	97	19.20	cps
Holmium	165-1	10359881	10362466	10891328	10537892	2.90	cps
Holmium	165-2	5387663	5759091	5491951	5546235	3.45	cps
Indium	115-1	7987462	7933667	8566737	8162622	4.30	cps
Indium	115-2	1588244	1685739	1614297	1629427	3.10	cps
Iron	56-2	23735864	23541119	23779261	23685414	0.54	cps
Iron	57-2	591182	592575	592841	592199	0.15	cps
Lead	206-1	1874213	1856012	1859654	1863293	0.52	cps
Lead	207-1	1701687	1696761	1682429	1693626	0.59	cps
Lead	208-1	7677255	7633957	7652211	7654474	0.28	cps
Lithium	6-1	1668307	1665152	1757782	1697080	3.10	cps
Magnesium	24-2	3991486	3983032	3994571	3989696	0.15	cps
Manganese	55-2	659062	659351	666667	661693	0.65	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1950097	1936677	1921551	1936108	0.74	cps
Molybdenum	95-1	1059898	1061676	1055012	1058862	0.33	cps
Molybdenum	96-1	1376155	1359290	1350329	1361925	0.96	cps
Molybdenum	97-1	667851	660987	655103	661314	0.96	cps
Molybdenum	98-1	1729844	1714756	1692662	1712421	1.09	cps
Neodymium	150-1	240	267	267	258	5.97	cps
Neodymium	150-2	13	23	23	20	28.87	cps
Nickel	60-2	242373	244030	241355	242586	0.56	cps
Phosphorus	31-2	18562	18228	18320	18370	0.94	cps
Potassium	39-2	2110297	2090307	2108764	2103122	0.53	cps
Rhodium	103-1	6915380	6933095	7325954	7058143	3.29	cps
Rhodium	103-2	3224390	3410664	3272279	3302444	2.93	cps
Scandium	45-1	4481020	4486670	4897355	4621681	5.17	cps
Scandium	45-2	184799	201553	193229	193194	4.34	cps
Selenium	77-2	1407	1457	1483	1449	2.69	cps
Selenium	78-2	4966	4912	4916	4931	0.61	cps
Selenium	82-1	32580	31749	32114	32148	1.30	cps
Silicon	28-1	1490173	1502088	1496953	1496404	0.40	cps
Silver	109-1	2566364	2559070	2569319	2564918	0.21	cps
Silver	107-1	2646159	2677284	2642778	2655407	0.72	cps
Sodium	23-2	7287301	7252896	7292569	7277588	0.30	cps
Strontium	86-1	698471	699931	697020	698474	0.21	cps
Strontium	88-1	6088445	6108483	6111265	6102731	0.20	cps
Sulfur	34-1	426030	428137	428391	427520	0.30	cps
Terbium	159-1	10910133	10774696	11587239	11090690	3.93	cps
Terbium	159-2	5356250	5684765	5465781	5502265	3.04	cps
Thallium	203-1	2297647	2276895	2262915	2279152	0.77	cps
Thallium	205-1	5579458	5514103	5509660	5534407	0.71	cps
Tin	118-1	1877519	1865837	1854136	1865831	0.63	cps
Titanium	47-1	281122	277182	277312	278539	0.80	cps
Uranium	238-1	7904991	7773555	7911942	7863496	0.99	cps
Vanadium	51-2	468455	466042	469056	467851	0.34	cps
Yttrium	89-1	8072612	8021597	8572222	8222144	3.70	cps
Yttrium	89-2	1157635	1228799	1187077	1191170	3.00	cps
Zinc	66-2	186953	185781	186855	186530	0.35	cps
Zirconium	90-1	3683514	3675441	3653064	3670673	0.43	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:40:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	811387	807657	807411	808818	0.28	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692857	698289	699566	696904	0.51	cps
Antimony	121-1	4679283	4681228	4717627	4692713	0.46	cps
Arsenic	75-2	141007	142291	142392	141897	0.54	cps
Barium	135-1	5918485	5936210	5959880	5938192	0.35	cps
Barium	137-1	9925581	10084863	10105081	10038508	0.98	cps
Beryllium	9-1	696075	695817	701321	697737	0.45	cps
Bismuth	209-1	6908813	6928533	6677718	6838355	2.04	cps
Bismuth	209-2	4153735	4226709	4217190	4199212	0.94	cps
Boron	10-1	75413	77641	79258	77437	2.49	cps
Boron	11-1	372915	380972	391411	381766	2.43	cps
Cadmium	111-1	1078273	1065587	1078780	1074213	0.70	cps
Cadmium	106-1	119401	118979	119030	119137	0.19	cps
Cadmium	108-1	76740	77766	79069	77858	1.50	cps
Calcium	43-1	1237762	1225915	1241991	1235223	0.67	cps
Calcium	44-1	19847675	19672704	19903970	19808116	0.61	cps
Chromium	52-2	1162597	1171834	1175875	1170102	0.58	cps
Cobalt	59-2	1900133	1908772	1912873	1907259	0.34	cps
Copper	63-2	2718786	2717202	2728603	2721531	0.23	cps
Dysprosium	156-1	192	133	158	161	18.17	cps
Dysprosium	156-2	73	60	77	70	12.60	cps
Erbium	164-1	25	83	100	69	56.71	cps
Erbium	164-2	27	17	27	23	24.74	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	73	93	73	80	14.44	cps
Holmium	165-1	10569851	10423083	10186759	10393231	1.86	cps
Holmium	165-2	5490191	5551458	5559570	5533740	0.69	cps
Indium	115-1	7994617	8130376	7880559	8001851	1.56	cps
Indium	115-2	1610664	1636799	1627383	1624949	0.81	cps
Iron	56-2	49071152	48872555	48913559	48952422	0.21	cps
Iron	57-2	1220467	1225230	1230268	1225322	0.40	cps
Lead	206-1	3710228	3675232	3721504	3702321	0.65	cps
Lead	207-1	3373732	3361975	3390270	3375325	0.42	cps
Lead	208-1	15081628	14989407	15097292	15056109	0.39	cps
Lithium	6-1	1668697	1678829	1636762	1661429	1.32	cps
Magnesium	24-2	8056240	8023282	8098064	8059195	0.47	cps
Manganese	55-2	1374445	1375430	1376074	1375316	0.06	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3932347	3989924	4020096	3980789	1.12	cps
Molybdenum	95-1	2152619	2160206	2181141	2164655	0.68	cps
Molybdenum	96-1	2769861	2768000	2808932	2782264	0.83	cps
Molybdenum	97-1	1338695	1332206	1354156	1341686	0.84	cps
Molybdenum	98-1	3478442	3469902	3495163	3481169	0.37	cps
Neodymium	150-1	527	593	580	567	6.23	cps
Neodymium	150-2	33	60	67	53	33.08	cps
Nickel	60-2	499181	498996	500092	499423	0.12	cps
Phosphorus	31-2	38334	38417	39387	38713	1.51	cps
Potassium	39-2	4388792	4402086	4408736	4399871	0.23	cps
Rhodium	103-1	6949935	6985284	6805915	6913711	1.37	cps
Rhodium	103-2	3291118	3337008	3310069	3312732	0.70	cps
Scandium	45-1	4677126	4760257	4513361	4650248	2.70	cps
Scandium	45-2	198086	200564	199512	199387	0.62	cps
Selenium	77-2	2974	2760	3270	3001	8.54	cps
Selenium	78-2	9928	10150	10333	10137	2.00	cps
Selenium	82-1	65205	65237	65601	65348	0.34	cps
Silicon	28-1	2841937	2838198	2864802	2848312	0.51	cps
Silver	109-1	5171912	5127555	5202854	5167440	0.73	cps
Silver	107-1	5371031	5298866	5373915	5347937	0.80	cps
Sodium	23-2	14999583	14955483	15035838	14996968	0.27	cps
Strontium	86-1	1424949	1440744	1434582	1433425	0.56	cps
Strontium	88-1	12452464	12439138	12471022	12454208	0.13	cps
Sulfur	34-1	614663	616691	619372	616909	0.38	cps
Terbium	159-1	10924219	10983181	10640372	10849257	1.69	cps
Terbium	159-2	5444038	5524466	5518521	5495675	0.82	cps
Thallium	203-1	4542750	4500594	4575565	4539637	0.83	cps
Thallium	205-1	10528471	10518543	10595341	10547452	0.40	cps
Tin	118-1	3786347	3787797	3808056	3794067	0.32	cps
Titanium	47-1	579718	572391	580833	577647	0.79	cps
Uranium	238-1	15803513	15619389	15595333	15672745	0.73	cps
Vanadium	51-2	973991	974638	982506	977045	0.49	cps
Yttrium	89-1	8269374	8288712	8062376	8206820	1.53	cps
Yttrium	89-2	1202953	1220959	1216448	1213453	0.77	cps
Zinc	66-2	379118	378324	383478	380307	0.73	cps
Zirconium	90-1	7471632	7500368	7537465	7503155	0.44	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:44:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1648594	1658216	1666369	1657727	0.54	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1384607	1393813	1394125	1390848	0.39	cps
Antimony	121-1	9170033	9191160	9129666	9163620	0.34	cps
Arsenic	75-2	283738	287082	286786	285869	0.65	cps
Barium	135-1	11606735	11702546	11645909	11651730	0.41	cps
Barium	137-1	19856741	20003397	20204648	20021595	0.87	cps
Beryllium	9-1	1352033	1359371	1365526	1358977	0.50	cps
Bismuth	209-1	6643740	6631783	6704678	6660067	0.59	cps
Bismuth	209-2	4066117	4081175	4127130	4091474	0.78	cps
Boron	10-1	153598	155341	157697	155545	1.32	cps
Boron	11-1	741183	757342	763191	753905	1.51	cps
Cadmium	111-1	2082012	2089115	2100464	2090531	0.45	cps
Cadmium	106-1	230292	231892	228038	230074	0.84	cps
Cadmium	108-1	152068	151153	153588	152270	0.81	cps
Calcium	43-1	2468997	2486497	2501763	2485753	0.66	cps
Calcium	44-1	39377546	39562750	39999357	39646551	0.81	cps
Chromium	52-2	2323489	2345230	2348241	2338987	0.58	cps
Cobalt	59-2	3776045	3821940	3807146	3801710	0.62	cps
Copper	63-2	5355615	5395075	5400078	5383590	0.45	cps
Dysprosium	156-1	292	350	183	275	30.76	cps
Dysprosium	156-2	83	103	103	97	11.94	cps
Erbium	164-1	67	58	25	50	44.10	cps
Erbium	164-2	40	13	23	26	52.73	cps
Gadolinium	160-1	125	75	75	92	31.49	cps
Gadolinium	160-2	100	137	143	127	18.42	cps
Holmium	165-1	10331149	10414095	10344216	10363153	0.43	cps
Holmium	165-2	5455206	5512655	5574624	5514162	1.08	cps
Indium	115-1	7848710	7925437	7938033	7904060	0.61	cps
Indium	115-2	1578980	1594383	1610255	1594540	0.98	cps
Iron	56-2	97155477	97922174	97773552	97617068	0.42	cps
Iron	57-2	2428635	2450139	2463217	2447330	0.71	cps
Lead	206-1	7129088	7161335	7119898	7136773	0.30	cps
Lead	207-1	6686534	6701992	6719605	6702710	0.25	cps
Lead	208-1	29559523	29421739	29424891	29468718	0.27	cps
Lithium	6-1	1617843	1623892	1631293	1624342	0.41	cps
Magnesium	24-2	15880758	16002755	16049672	15977728	0.55	cps
Manganese	55-2	2729528	2756674	2778020	2754741	0.88	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7980487	7961755	7968178	7970140	0.12	cps
Molybdenum	95-1	4350799	4350456	4390044	4363766	0.52	cps
Molybdenum	96-1	5624039	5660095	5685429	5656521	0.55	cps
Molybdenum	97-1	2684674	2708872	2710349	2701299	0.53	cps
Molybdenum	98-1	6833519	6994729	6940103	6922783	1.18	cps
Neodymium	150-1	1000	960	947	969	2.86	cps
Neodymium	150-2	100	107	117	108	7.78	cps
Nickel	60-2	974590	985346	984664	981534	0.61	cps
Phosphorus	31-2	76756	76891	77133	76927	0.25	cps
Potassium	39-2	8581208	8605076	8673233	8619839	0.55	cps
Rhodium	103-1	6791431	6870219	6921286	6860978	0.95	cps
Rhodium	103-2	3208294	3243203	3284287	3245261	1.17	cps
Scandium	45-1	4648385	4635978	4710330	4664898	0.85	cps
Scandium	45-2	199330	200360	203985	201225	1.22	cps
Selenium	77-2	5795	5671	6038	5835	3.20	cps
Selenium	78-2	19506	20066	19700	19757	1.44	cps
Selenium	82-1	126416	127557	127473	127149	0.50	cps
Silicon	28-1	4487892	4485094	4558458	4510481	0.92	cps
Silver	109-1	10095833	10060659	9986232	10047574	0.56	cps
Silver	107-1	10391223	10433555	10438921	10421233	0.25	cps
Sodium	23-2	29818919	29896652	29948362	29887978	0.22	cps
Strontium	86-1	2829641	2845344	2857685	2844223	0.49	cps
Strontium	88-1	24712182	24753629	24868206	24778006	0.33	cps
Sulfur	34-1	963821	971151	976461	970478	0.65	cps
Terbium	159-1	10967972	10873031	10962411	10934471	0.49	cps
Terbium	159-2	5430711	5500236	5530812	5487253	0.93	cps
Thallium	203-1	8912401	8831533	8824161	8856032	0.55	cps
Thallium	205-1	21038852	21059530	21035547	21044643	0.06	cps
Tin	118-1	7357428	7492791	7420698	7423639	0.91	cps
Titanium	47-1	1151961	1153099	1157344	1154135	0.25	cps
Uranium	238-1	30695087	30893807	31122025	30903640	0.69	cps
Vanadium	51-2	1957799	1984913	1978007	1973573	0.71	cps
Yttrium	89-1	8210025	8244610	8326602	8260412	0.72	cps
Yttrium	89-2	1206465	1216740	1229262	1217489	0.94	cps
Zinc	66-2	740678	745324	744949	743651	0.35	cps
Zirconium	90-1	15196090	15389227	15336366	15307228	0.65	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:48:10	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3384342	3407633	3417874	3403283	0.50	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7219330	7321245	7316748	7285775	0.79	cps
Antimony	121-1	32263	31260	31578	31700	1.62	cps
Arsenic	75-2	220	235	239	231	4.23	cps
Barium	135-1	5126	5460	5376	5321	3.26	cps
Barium	137-1	9629	9695	8761	9362	5.57	cps
Beryllium	9-1	1295	1222	1078	1198	9.21	cps
Bismuth	209-1	5826012	5735512	5788377	5783300	0.79	cps
Bismuth	209-2	3450594	3537131	3592421	3526715	2.03	cps
Boron	10-1	9637	9528	8353	9173	7.76	cps
Boron	11-1	48102	45929	41826	45286	7.04	cps
Cadmium	111-1	2484	2673	2743	2633	5.09	cps
Cadmium	106-1	2859	2984	2967	2937	2.31	cps
Cadmium	108-1	67	88	67	74	16.34	cps
Calcium	43-1	12355515	12426534	12436713	12406254	0.36	cps
Calcium	44-1	199314254	200738754	201930009	200661006	0.65	cps
Chromium	52-2	59851	59834	59825	59837	0.02	cps
Cobalt	59-2	6678	6788	6628	6698	1.22	cps
Copper	63-2	12035	12255	12028	12106	1.07	cps
Dysprosium	156-1	225	200	242	222	9.44	cps
Dysprosium	156-2	83	100	93	92	9.09	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	47	33	37	39	17.85	cps
Gadolinium	160-1	175	175	208	186	10.34	cps
Gadolinium	160-2	110	100	150	120	22.05	cps
Holmium	165-1	9734684	9693631	9722111	9716809	0.22	cps
Holmium	165-2	4960491	5075656	5136435	5057527	1.77	cps
Indium	115-1	7498023	7436769	7413573	7449455	0.59	cps
Indium	115-2	1483695	1525387	1541445	1516842	1.97	cps
Iron	56-2	481716222	481538600	485174166	482809663	0.42	cps
Iron	57-2	12007505	11993672	12033858	12011678	0.17	cps
Lead	206-1	15287	14914	14725	14975	1.91	cps
Lead	207-1	13112	13085	12306	12834	3.57	cps
Lead	208-1	59247	58284	59098	58876	0.88	cps
Lithium	6-1	1532933	1520362	1537955	1530416	0.59	cps
Magnesium	24-2	82645756	83492754	83737783	83292098	0.69	cps
Manganese	55-2	12706	12539	12516	12587	0.82	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13957	13774	13382	13704	2.15	cps
Molybdenum	95-1	20132	20265	19673	20023	1.55	cps
Molybdenum	96-1	28304	28204	29381	28630	2.28	cps
Molybdenum	97-1	13098	13182	12281	12854	3.87	cps
Molybdenum	98-1	31477	32772	31185	31811	2.65	cps
Neodymium	150-1	113	113	160	129	20.90	cps
Neodymium	150-2	43	23	67	44	48.81	cps
Nickel	60-2	15855	15655	15925	15812	0.89	cps
Phosphorus	31-2	150	200	175	175	14.28	cps
Potassium	39-2	44349086	44371617	44931368	44550690	0.74	cps
Rhodium	103-1	6174143	6127761	6126895	6142933	0.44	cps
Rhodium	103-2	2843743	2919175	2952395	2905104	1.92	cps
Scandium	45-1	4590007	4525670	4570870	4562182	0.72	cps
Scandium	45-2	195761	203896	204902	201520	2.49	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	85	85	94	88	6.06	cps
Selenium	82-1	62	378	327	256	66.24	cps
Silicon	28-1	347359	352985	350160	350168	0.80	cps
Silver	109-1	1842	2687	1817	2115	23.42	cps
Silver	107-1	2117	1959	1817	1964	7.64	cps
Sodium	23-2	154387774	155928741	157073945	155796820	0.87	cps
Strontium	86-1	93814	96666	94965	95148	1.51	cps
Strontium	88-1	814200	823504	819684	819129	0.57	cps
Sulfur	34-1	270579	271490	272788	271619	0.41	cps
Terbium	159-1	10089782	10021717	10087603	10066367	0.38	cps
Terbium	159-2	4911796	5045343	5146212	5034450	2.34	cps
Thallium	203-1	5360	5426	5210	5332	2.08	cps
Thallium	205-1	13758	13057	12398	13071	5.20	cps
Tin	118-1	11956	11547	10529	11344	6.47	cps
Titanium	47-1	2659	1992	1900	2184	18.97	cps
Uranium	238-1	7069	7761	7186	7339	5.05	cps
Vanadium	51-2	1110	1050	1017	1059	4.47	cps
Yttrium	89-1	7814157	7777999	7848546	7813567	0.45	cps
Yttrium	89-2	1150570	1174958	1189859	1171795	1.69	cps
Zinc	66-2	5471	5668	5695	5611	2.17	cps
Zirconium	90-1	5776	5184	5526	5496	5.41	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:51:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1183	1183	1142	1170	2.06	cps

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 12:55:43 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36955	36596	36161	36571	1.09	cps
Antimony	121-1	1802873	1813478	1821980	1812777	0.53	cps
Arsenic	75-2	57466	58361	58162	57996	0.81	cps
Barium	135-1	233455	233174	232055	232895	0.32	cps
Barium	137-1	400291	403440	404952	402894	0.59	cps
Beryllium	9-1	141582	143202	141284	142023	0.73	cps
Bismuth	209-1	7044010	7037958	6868065	6983344	1.43	cps
Bismuth	209-2	4307241	4335023	4345139	4329134	0.45	cps
Boron	10-1	87403	88148	88659	88070	0.72	cps
Boron	11-1	427202	428719	431217	429046	0.47	cps
Cadmium	111-1	224053	225034	223637	224241	0.32	cps
Cadmium	106-1	43660	43267	42807	43245	0.99	cps
Cadmium	108-1	22627	21959	22643	22410	1.74	cps
Calcium	43-1	55589	55806	54360	55252	1.41	cps
Calcium	44-1	867711	865131	864928	865923	0.18	cps
Chromium	52-2	237575	237600	237508	237561	0.02	cps
Cobalt	59-2	394467	399932	398745	397715	0.72	cps
Copper	63-2	287611	288399	289372	288461	0.31	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	90	83	73	82	10.21	cps
Holmium	165-1	10302588	10245889	10179220	10242566	0.60	cps
Holmium	165-2	5474873	5515509	5512029	5500804	0.41	cps
Indium	115-1	8228603	8258044	8112643	8199763	0.94	cps
Indium	115-2	1675043	1684507	1687107	1682219	0.38	cps
Iron	56-2	2065290	2066019	2056841	2062717	0.25	cps
Iron	57-2	51864	49947	51480	51097	1.99	cps
Lead	206-1	1487996	1494221	1490617	1490945	0.21	cps
Lead	207-1	1300067	1303408	1298542	1300672	0.19	cps
Lead	208-1	6000719	6011999	5981487	5998068	0.26	cps
Lithium	6-1	1684682	1695584	1668933	1683066	0.80	cps
Magnesium	24-2	204147	203850	202772	203590	0.36	cps
Manganese	55-2	140448	143145	142148	141914	0.96	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:55:43	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3894185	3901852	3879164	3891734	0.30	cps
Molybdenum	95-1	2107563	2107896	2102326	2105928	0.15	cps
Molybdenum	96-1	2708791	2696960	2706651	2704134	0.23	cps
Molybdenum	97-1	1307403	1307012	1307691	1307369	0.03	cps
Molybdenum	98-1	3383592	3385712	3381277	3383527	0.07	cps
Neodymium	150-1	33	13	27	24	41.66	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	105483	106453	106070	106002	0.46	cps
Phosphorus	31-2	150	150	100	133	21.65	cps
Potassium	39-2	394389	390333	392077	392266	0.52	cps
Rhodium	103-1	7448597	7358039	7248486	7351707	1.36	cps
Rhodium	103-2	3496184	3503370	3480824	3493459	0.33	cps
Scandium	45-1	4904020	4923957	4804275	4877417	1.31	cps
Scandium	45-2	213214	212774	208437	211475	1.25	cps
Selenium	77-2	1177	1280	1247	1235	4.27	cps
Selenium	78-2	4340	4264	4178	4261	1.89	cps
Selenium	82-1	26757	27104	26891	26917	0.65	cps
Silicon	28-1	2810450	2796872	2807256	2804860	0.25	cps
Silver	109-1	1038339	1039321	1050918	1042859	0.67	cps
Silver	107-1	1087553	1091110	1083176	1087280	0.37	cps
Sodium	23-2	645696	650910	651616	649407	0.50	cps
Strontium	86-1	1382542	1383873	1387581	1384666	0.19	cps
Strontium	88-1	12074772	12127111	12202369	12134751	0.53	cps
Sulfur	34-1	276820	279171	278381	278124	0.43	cps
Terbium	159-1	10898069	10824182	10766184	10829478	0.61	cps
Terbium	159-2	5495586	5524385	5521762	5513911	0.29	cps
Thallium	203-1	1841888	1836501	1816708	1831699	0.72	cps
Thallium	205-1	4444515	4457329	4439828	4447224	0.20	cps
Tin	118-1	3648918	3666730	3636767	3650805	0.41	cps
Titanium	47-1	569770	572558	569461	570596	0.30	cps
Uranium	238-1	14752980	14773457	14753075	14759837	0.08	cps
Vanadium	51-2	198695	199387	199127	199069	0.18	cps
Yttrium	89-1	8391959	8363888	8328440	8361429	0.38	cps
Yttrium	89-2	1249644	1260511	1255975	1255377	0.43	cps
Zinc	66-2	80604	80437	80672	80571	0.15	cps
Zirconium	90-1	7342692	7361059	7413909	7372553	0.50	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 12:55:43	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1621569	1620159	1634629	1625452	0.49	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:01:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	42	50	44.10	cps
Antimony	121-1	3767	3659	3609	3678	2.20	cps
Arsenic	75-2	33	43	39	38	12.18	cps
Barium	135-1	42	33	75	50	44.10	cps
Barium	137-1	50	42	25	39	32.73	cps
Beryllium	9-1	500	517	444	487	7.76	cps
Bismuth	209-1	7026685	6836101	6899817	6920868	1.40	cps
Bismuth	209-2	4115497	4117456	4160945	4131299	0.62	cps
Boron	10-1	3042	2684	2775	2834	6.57	cps
Boron	11-1	14249	13949	13740	13979	1.83	cps
Cadmium	111-1	2052	2221	1980	2084	5.94	cps
Cadmium	106-1	2900	3134	2817	2950	5.56	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	200	183	250	211	16.44	cps
Calcium	44-1	6485	6952	6377	6605	4.63	cps
Chromium	52-2	457	503	443	468	6.74	cps
Cobalt	59-2	137	100	147	128	19.23	cps
Copper	63-2	983	890	880	918	6.21	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	13	20	3	12	68.66	cps
Gadolinium	160-1	58	17	58	44	54.12	cps
Gadolinium	160-2	53	80	100	78	30.10	cps
Holmium	165-1	10482411	10251167	10238318	10323965	1.33	cps
Holmium	165-2	5212120	5216973	5248593	5225895	0.38	cps
Indium	115-1	8440900	8146749	8200972	8262874	1.89	cps
Indium	115-2	1594856	1599852	1610419	1601709	0.50	cps
Iron	56-2	10243	10226	10532	10334	1.66	cps
Iron	57-2	328	350	411	363	11.89	cps
Lead	206-1	1450	1272	1211	1311	9.47	cps
Lead	207-1	1200	1278	1228	1235	3.19	cps
Lead	208-1	5462	5445	5151	5352	3.27	cps
Lithium	6-1	1711265	1667125	1673485	1683958	1.42	cps
Magnesium	24-2	1192	1283	1475	1317	10.98	cps
Manganese	55-2	303	333	300	312	5.88	cps

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 13:01:36 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	992	917	975	961	4.10	cps
Molybdenum	95-1	758	667	717	714	6.43	cps
Molybdenum	96-1	967	817	875	886	8.53	cps
Molybdenum	97-1	450	483	450	461	4.17	cps
Molybdenum	98-1	1125	1100	1292	1172	8.89	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	783	787	787	786	0.24	cps
Phosphorus	31-2	150	133	183	156	16.37	cps
Potassium	39-2	31125	30382	29889	30465	2.04	cps
Rhodium	103-1	7419897	7193296	7218804	7277332	1.71	cps
Rhodium	103-2	3292894	3292904	3319456	3301751	0.46	cps
Scandium	45-1	4861794	4651188	4671353	4728112	2.46	cps
Scandium	45-2	193279	194367	196754	194800	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	56	74	69	16.44	cps
Selenium	82-1	35	-133	49	-17	-614.70	cps
Silicon	28-1	285773	284067	281963	283934	0.67	cps
Silver	109-1	100	192	142	144	31.77	cps
Silver	107-1	225	183	200	203	10.34	cps
Sodium	23-2	15367	14749	15191	15103	2.11	cps
Strontium	86-1	1634	1367	1542	1514	8.95	cps
Strontium	88-1	175	242	300	239	26.18	cps
Sulfur	34-1	280351	279508	280182	280013	0.16	cps
Terbium	159-1	11039192	10643005	10840945	10841047	1.83	cps
Terbium	159-2	5201008	5213484	5257604	5224032	0.57	cps
Thallium	203-1	642	633	425	567	21.66	cps
Thallium	205-1	1175	1142	1350	1222	9.16	cps
Tin	118-1	3609	3817	3734	3720	2.82	cps
Titanium	47-1	158	150	192	167	13.23	cps
Uranium	238-1	258	267	208	244	12.91	cps
Vanadium	51-2	13	30	17	20	44.10	cps
Yttrium	89-1	8438071	8278040	8220157	8312089	1.36	cps
Yttrium	89-2	1183590	1170284	1183665	1179180	0.65	cps
Zinc	66-2	193	187	187	189	2.04	cps
Zirconium	90-1	1175	1492	1350	1339	11.85	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:01:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	333	275	314	10.73	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:05:06	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6431907	6379044	6384874	6398608	0.45	cps
Antimony	121-1	14066	12890	13207	13387	4.55	cps
Arsenic	75-2	109	137	102	116	15.99	cps
Barium	135-1	3334	3284	3442	3353	2.41	cps
Barium	137-1	5710	5818	5701	5743	1.13	cps
Beryllium	9-1	556	700	811	689	18.60	cps
Bismuth	209-1	6579654	6407003	6541743	6509467	1.39	cps
Bismuth	209-2	4014449	4033948	4075624	4041340	0.77	cps
Boron	10-1	2117	2075	2059	2084	1.44	cps
Boron	11-1	10771	10454	10287	10504	2.34	cps
Cadmium	111-1	2803	2674	2712	2730	2.42	cps
Cadmium	106-1	2867	2692	2767	2775	3.16	cps
Cadmium	108-1	1625	1563	1625	1604	2.25	cps
Calcium	43-1	2377797	2370654	2372663	2373705	0.16	cps
Calcium	44-1	37948624	38120659	38089156	38052813	0.24	cps
Chromium	52-2	44998	43925	45119	44681	1.47	cps
Cobalt	59-2	4327	4564	4504	4465	2.76	cps
Copper	63-2	21466	21286	21680	21477	0.92	cps
Dysprosium	156-1	67	17	42	42	60.00	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	42	100	8	50	92.80	cps
Erbium	164-2	37	40	20	32	33.25	cps
Gadolinium	160-1	108	33	67	69	54.12	cps
Gadolinium	160-2	113	143	87	114	24.77	cps
Holmium	165-1	10400062	10209309	10457160	10355510	1.25	cps
Holmium	165-2	5491966	5465699	5516381	5491349	0.46	cps
Indium	115-1	8020599	7898474	8085310	8001461	1.19	cps
Indium	115-2	1620400	1619876	1644474	1628250	0.86	cps
Iron	56-2	186877815	187741888	187308532	187309412	0.23	cps
Iron	57-2	4714273	4676317	4711100	4700563	0.45	cps
Lead	206-1	33309	32852	32668	32943	1.00	cps
Lead	207-1	26889	26271	26137	26432	1.52	cps
Lead	208-1	126139	124517	123256	124637	1.16	cps
Lithium	6-1	1632470	1592074	1607938	1610828	1.26	cps
Magnesium	24-2	15287643	15183223	15128231	15199699	0.53	cps
Manganese	55-2	10941	10497	10981	10806	2.48	cps

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 13:05:06 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4680187	4687143	4682355	4683228	0.08	cps
Molybdenum	95-1	8249187	8323798	8275120	8282701	0.46	cps
Molybdenum	96-1	8799814	8746750	8751220	8765928	0.34	cps
Molybdenum	97-1	5112180	5124842	5097072	5111365	0.27	cps
Molybdenum	98-1	13097518	13250345	12998450	13115437	0.97	cps
Neodymium	150-1	60	40	27	42	39.73	cps
Neodymium	150-2	23	13	0	12	95.78	cps
Nickel	60-2	5625	5811	5941	5792	2.75	cps
Phosphorus	31-2	366428	361563	364966	364319	0.69	cps
Potassium	39-2	16658690	16411993	16572963	16547882	0.76	cps
Rhodium	103-1	6857132	6706038	6738801	6767324	1.17	cps
Rhodium	103-2	3226831	3206440	3248338	3227203	0.65	cps
Scandium	45-1	4706186	4555714	4634358	4632086	1.62	cps
Scandium	45-2	201045	197305	200848	199733	1.05	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	63	67	52	60	12.75	cps
Selenium	82-1	-27	55	-13	5	829.21	cps
Silicon	28-1	397202	394473	394634	395436	0.39	cps
Silver	109-1	1117	983	1342	1147	15.79	cps
Silver	107-1	958	1033	1192	1061	11.23	cps
Sodium	23-2	28981754	28487629	28777104	28748829	0.86	cps
Strontium	86-1	95928	93554	95030	94837	1.26	cps
Strontium	88-1	816850	817713	816255	816939	0.09	cps
Sulfur	34-1	3720196	3711776	3715800	3715924	0.11	cps
Terbium	159-1	10810675	10621781	10826338	10752931	1.06	cps
Terbium	159-2	5431557	5438664	5478126	5449449	0.46	cps
Thallium	203-1	1050	967	933	983	6.11	cps
Thallium	205-1	2067	2317	2317	2234	6.46	cps
Tin	118-1	4259	4518	4593	4456	3.92	cps
Titanium	47-1	2209130	2217069	2203950	2210050	0.30	cps
Uranium	238-1	767	767	658	731	8.56	cps
Vanadium	51-2	283	323	330	312	8.08	cps
Yttrium	89-1	8298475	8065267	8252058	8205267	1.50	cps
Yttrium	89-2	1222380	1215588	1230081	1222683	0.59	cps
Zinc	66-2	4251	4274	4207	4244	0.80	cps
Zirconium	90-1	8161	7352	6026	7180	15.01	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:05:06	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1925	1609	1475	1670	13.85	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6456396	6427397	6385997	6423263	0.55	cps
Antimony	121-1	183838	183695	182538	183357	0.39	cps
Arsenic	75-2	5510	5544	5525	5526	0.30	cps
Barium	135-1	48427	48728	49130	48762	0.72	cps
Barium	137-1	85689	85387	85479	85518	0.18	cps
Beryllium	9-1	26991	27331	26551	26958	1.45	cps
Bismuth	209-1	6517459	6482699	6482796	6494318	0.31	cps
Bismuth	209-2	3980878	4018545	3988064	3995829	0.50	cps
Boron	10-1	9212	9420	9687	9439	2.52	cps
Boron	11-1	44868	45812	46983	45888	2.31	cps
Cadmium	111-1	43510	43364	42897	43257	0.74	cps
Cadmium	106-1	8420	8228	8053	8233	2.23	cps
Cadmium	108-1	4859	5151	5105	5038	3.11	cps
Calcium	43-1	2372559	2381134	2374646	2376113	0.19	cps
Calcium	44-1	38377996	38451991	38230718	38353568	0.29	cps
Chromium	52-2	89157	88970	89060	89062	0.11	cps
Cobalt	59-2	77299	77882	78951	78044	1.07	cps
Copper	63-2	73631	74673	73202	73835	1.02	cps
Dysprosium	156-1	50	50	17	39	49.48	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	83	83	58	75	19.24	cps
Erbium	164-2	37	30	20	29	29.04	cps
Gadolinium	160-1	42	117	75	78	48.31	cps
Gadolinium	160-2	120	110	100	110	9.09	cps
Holmium	165-1	10269686	10309369	10346101	10308385	0.37	cps
Holmium	165-2	5428645	5434849	5408033	5423842	0.26	cps
Indium	115-1	7978574	8121131	8028425	8042710	0.90	cps
Indium	115-2	1616715	1618514	1620722	1618650	0.12	cps
Iron	56-2	186160926	185844043	186997188	186334052	0.32	cps
Iron	57-2	4660704	4709040	4698762	4689502	0.54	cps
Lead	206-1	173782	171925	175211	173639	0.95	cps
Lead	207-1	146385	145267	146166	145939	0.41	cps
Lead	208-1	677215	673938	675462	675539	0.24	cps
Lithium	6-1	1593741	1604043	1595784	1597856	0.34	cps
Magnesium	24-2	15136918	15171468	15073601	15127329	0.33	cps
Manganese	55-2	37622	38313	37856	37930	0.93	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5070826	5077284	5074663	5074258	0.06	cps
Molybdenum	95-1	8348418	8417260	8418432	8394703	0.48	cps
Molybdenum	96-1	8959406	9021276	8951306	8977329	0.43	cps
Molybdenum	97-1	5214925	5254584	5221642	5230384	0.41	cps
Molybdenum	98-1	13527286	13441697	13385302	13451428	0.53	cps
Neodymium	150-1	53	47	67	56	18.33	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	24861	24417	24708	24662	0.91	cps
Phosphorus	31-2	362755	361944	363159	362620	0.17	cps
Potassium	39-2	16571101	16509131	16413632	16497955	0.48	cps
Rhodium	103-1	6806224	6929614	6840013	6858617	0.93	cps
Rhodium	103-2	3207764	3211728	3221169	3213554	0.21	cps
Scandium	45-1	4642954	4685703	4668720	4665792	0.46	cps
Scandium	45-2	199419	198597	197997	198671	0.36	cps
Selenium	77-2	120	73	113	102	24.69	cps
Selenium	78-2	506	454	469	476	5.61	cps
Selenium	82-1	2487	2500	2447	2478	1.11	cps
Silicon	28-1	653531	655164	657362	655352	0.29	cps
Silver	109-1	186693	186067	186589	186450	0.18	cps
Silver	107-1	196030	193157	196512	195233	0.93	cps
Sodium	23-2	28708095	28788495	28593630	28696740	0.34	cps
Strontium	86-1	235187	235399	234647	235078	0.16	cps
Strontium	88-1	2044857	2055040	2064005	2054634	0.47	cps
Sulfur	34-1	3693564	3725248	3717884	3712232	0.45	cps
Terbium	159-1	10856222	10936352	10935353	10909309	0.42	cps
Terbium	159-2	5375875	5388497	5414102	5392825	0.36	cps
Thallium	203-1	172444	172133	170117	171565	0.74	cps
Thallium	205-1	414934	412484	412905	413441	0.32	cps
Tin	118-1	366940	367447	364825	366404	0.38	cps
Titanium	47-1	2282476	2270903	2280638	2278006	0.27	cps
Uranium	238-1	1538946	1522571	1513374	1524964	0.85	cps
Vanadium	51-2	38353	38340	38056	38250	0.44	cps
Yttrium	89-1	8246432	8308006	8291745	8282061	0.39	cps
Yttrium	89-2	1213969	1221296	1213320	1216195	0.36	cps
Zinc	66-2	11698	11875	11805	11793	0.76	cps
Zirconium	90-1	750425	761265	758085	756592	0.74	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:08:33	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	166498	168008	167706	167404	0.48	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3646605	3683104	3671843	3667184	0.51	cps
Antimony	121-1	4367660	4392757	4376970	4379129	0.29	cps
Arsenic	75-2	140992	142561	140967	141507	0.65	cps
Barium	135-1	5680273	5708430	5632710	5673805	0.67	cps
Barium	137-1	9614970	9730745	9563550	9636422	0.89	cps
Beryllium	9-1	679350	677927	684488	680588	0.51	cps
Bismuth	209-1	6177798	6145018	6184378	6169065	0.34	cps
Bismuth	209-2	3832178	3854811	3851553	3846181	0.32	cps
Boron	10-1	74601	76343	78562	76502	2.60	cps
Boron	11-1	365956	373550	382879	374129	2.27	cps
Cadmium	111-1	974778	977523	984768	979023	0.53	cps
Cadmium	106-1	110277	109848	108161	109429	1.02	cps
Cadmium	108-1	71433	71924	71504	71620	0.37	cps
Calcium	43-1	6212901	6193056	6193660	6199873	0.18	cps
Calcium	44-1	99913698	99803275	100173148	99963374	0.19	cps
Chromium	52-2	1206542	1212061	1217162	1211922	0.44	cps
Cobalt	59-2	1870863	1895227	1880265	1882118	0.65	cps
Copper	63-2	2599225	2607839	2611203	2606089	0.24	cps
Dysprosium	156-1	142	225	175	181	23.23	cps
Dysprosium	156-2	97	73	93	88	14.38	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	33	33	20	29	26.64	cps
Gadolinium	160-1	108	83	125	106	19.87	cps
Gadolinium	160-2	123	127	127	126	1.53	cps
Holmium	165-1	10035899	10070137	10001086	10035707	0.34	cps
Holmium	165-2	5336969	5360972	5321241	5339728	0.37	cps
Indium	115-1	7741027	7726462	7734994	7734161	0.09	cps
Indium	115-2	1581839	1588137	1586952	1585643	0.21	cps
Iron	56-2	239768778	240116672	240703944	240196465	0.20	cps
Iron	57-2	5970587	5998579	6028736	5999301	0.48	cps
Lead	206-1	3411085	3395289	3411164	3405846	0.27	cps
Lead	207-1	3106740	3088439	3102379	3099186	0.31	cps
Lead	208-1	13927803	13872847	13933500	13911384	0.24	cps
Lithium	6-1	1556699	1550352	1575281	1560777	0.83	cps
Magnesium	24-2	40806633	40845735	40997166	40883178	0.25	cps
Manganese	55-2	1385840	1390016	1401124	1392327	0.57	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3857681	3847328	3831925	3845644	0.34	cps
Molybdenum	95-1	2143475	2138914	2132267	2138219	0.26	cps
Molybdenum	96-1	2747097	2733443	2740184	2740241	0.25	cps
Molybdenum	97-1	1331609	1332060	1327941	1330537	0.17	cps
Molybdenum	98-1	3443769	3458345	3443030	3448381	0.25	cps
Neodymium	150-1	427	620	587	544	18.98	cps
Neodymium	150-2	40	77	63	60	30.93	cps
Nickel	60-2	487241	491950	491974	490388	0.56	cps
Phosphorus	31-2	38593	39838	39579	39336	1.67	cps
Potassium	39-2	22208656	22439584	22383311	22343850	0.54	cps
Rhodium	103-1	6570263	6603207	6578061	6583844	0.26	cps
Rhodium	103-2	3129714	3134944	3134612	3133090	0.09	cps
Scandium	45-1	4729669	4747667	4708617	4728651	0.41	cps
Scandium	45-2	206977	206534	208083	207198	0.39	cps
Selenium	77-2	2834	3014	3097	2981	4.52	cps
Selenium	78-2	9724	9892	10050	9889	1.65	cps
Selenium	82-1	61289	61314	60791	61132	0.48	cps
Silicon	28-1	2923694	2958154	2971285	2951044	0.83	cps
Silver	109-1	4738574	4684118	4743561	4722084	0.70	cps
Silver	107-1	4897826	4955409	4896998	4916744	0.68	cps
Sodium	23-2	76751316	77428185	77595862	77258455	0.58	cps
Strontium	86-1	1448869	1442290	1431778	1440979	0.60	cps
Strontium	88-1	12569738	12532600	12480231	12527523	0.36	cps
Sulfur	34-1	617597	624085	620866	620849	0.52	cps
Terbium	159-1	10456698	10549210	10522675	10509528	0.45	cps
Terbium	159-2	5282791	5334157	5314738	5310562	0.49	cps
Thallium	203-1	4179542	4197605	4200634	4192594	0.27	cps
Thallium	205-1	9870024	9834259	9881368	9861884	0.25	cps
Tin	118-1	3580618	3583456	3584604	3582893	0.06	cps
Titanium	47-1	585078	581595	579197	581957	0.51	cps
Uranium	238-1	14821097	14705695	14826705	14784499	0.46	cps
Vanadium	51-2	1009583	1008887	1013142	1010538	0.23	cps
Yttrium	89-1	8158742	8147189	8098708	8134879	0.39	cps
Yttrium	89-2	1218579	1230324	1224009	1224304	0.48	cps
Zinc	66-2	357378	362715	364133	361409	0.99	cps
Zirconium	90-1	7249290	7235444	7217463	7234066	0.22	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:12:00	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1591562	1587862	1595024	1591483	0.23	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	50	67	25.00	cps
Antimony	121-1	11514	10846	10054	10805	6.76	cps
Arsenic	75-2	74	57	67	66	12.64	cps
Barium	135-1	117	108	42	89	46.24	cps
Barium	137-1	158	133	83	125	30.55	cps
Beryllium	9-1	656	744	628	676	9.02	cps
Bismuth	209-1	6781326	6806179	6796574	6794693	0.18	cps
Bismuth	209-2	4205545	4226800	4210508	4214284	0.26	cps
Boron	10-1	3709	3734	3034	3492	11.37	cps
Boron	11-1	18320	17102	16727	17383	4.79	cps
Cadmium	111-1	2121	1957	2094	2057	4.29	cps
Cadmium	106-1	2975	2742	2875	2864	4.09	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	233	292	192	239	21.03	cps
Calcium	44-1	7919	7327	7135	7461	5.48	cps
Chromium	52-2	473	473	517	488	5.13	cps
Cobalt	59-2	117	160	173	150	19.75	cps
Copper	63-2	1510	1553	1460	1508	3.10	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	17	20	37	24	43.83	cps
Gadolinium	160-1	33	33	67	44	43.31	cps
Gadolinium	160-2	87	90	67	81	15.56	cps
Holmium	165-1	10209768	10066585	10183150	10153168	0.75	cps
Holmium	165-2	5324230	5376056	5340605	5346964	0.50	cps
Indium	115-1	8207947	8222490	8185711	8205383	0.23	cps
Indium	115-2	1655852	1662127	1656558	1658179	0.21	cps
Iron	56-2	19636	20031	19892	19853	1.01	cps
Iron	57-2	589	600	594	594	0.93	cps
Lead	206-1	1461	1345	1361	1389	4.54	cps
Lead	207-1	1250	1189	1117	1185	5.63	cps
Lead	208-1	5817	5517	5617	5651	2.70	cps
Lithium	6-1	1649062	1649435	1646592	1648363	0.09	cps
Magnesium	24-2	1625	1650	1367	1547	10.14	cps
Manganese	55-2	307	363	297	322	11.16	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2700	2059	1967	2242	17.83	cps
Molybdenum	95-1	2000	2134	2025	2053	3.45	cps
Molybdenum	96-1	2517	2242	2200	2320	7.42	cps
Molybdenum	97-1	1408	1308	1350	1356	3.71	cps
Molybdenum	98-1	3209	3217	3034	3153	3.28	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	867	780	827	824	5.26	cps
Phosphorus	31-2	108	175	133	139	24.25	cps
Potassium	39-2	32403	33130	32219	32584	1.48	cps
Rhodium	103-1	7194375	7358516	7220138	7257677	1.22	cps
Rhodium	103-2	3398050	3417528	3411043	3408874	0.29	cps
Scandium	45-1	4788574	4833046	4837456	4819692	0.56	cps
Scandium	45-2	202739	203006	204019	203255	0.33	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	69	69	63	67	4.82	cps
Selenium	82-1	-93	129	-89	-18	-716.39	cps
Silicon	28-1	298645	293293	293649	295196	1.01	cps
Silver	109-1	642	508	408	519	22.54	cps
Silver	107-1	567	583	993	714	33.79	cps
Sodium	23-2	23102	22668	22434	22735	1.49	cps
Strontium	86-1	1550	1742	1558	1617	6.70	cps
Strontium	88-1	283	383	375	347	15.98	cps
Sulfur	34-1	269974	267166	270584	269241	0.68	cps
Terbium	159-1	10754142	10790893	10655070	10733368	0.65	cps
Terbium	159-2	5310295	5328752	5312316	5317121	0.19	cps
Thallium	203-1	1242	1067	992	1100	11.66	cps
Thallium	205-1	2667	2567	2184	2473	10.32	cps
Tin	118-1	4884	5218	4459	4854	7.83	cps
Titanium	47-1	225	125	300	217	40.52	cps
Uranium	238-1	567	450	442	486	14.38	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	8236479	8225517	8354417	8272138	0.86	cps
Yttrium	89-2	1219835	1223622	1228700	1224052	0.36	cps
Zinc	66-2	207	277	217	233	16.23	cps
Zirconium	90-1	2975	2900	2725	2867	4.48	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:15:26	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	642	650	628	5.03	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383	1400	1408	1397	0.91	cps
Antimony	121-1	20090	19489	19155	19578	2.42	cps
Arsenic	75-2	331	250	311	298	14.25	cps
Barium	135-1	19706	19965	20574	20082	2.22	cps
Barium	137-1	34928	35279	35421	35210	0.72	cps
Beryllium	9-1	1695	1761	1645	1700	3.44	cps
Bismuth	209-1	6781081	6720595	6785570	6762415	0.54	cps
Bismuth	209-2	4110947	4239022	4255216	4201728	1.88	cps
Boron	10-1	5451	5126	5118	5232	3.63	cps
Boron	11-1	24821	25689	25088	25200	1.76	cps
Cadmium	111-1	4254	3826	3850	3977	6.03	cps
Cadmium	106-1	3459	2992	2942	3131	9.10	cps
Cadmium	108-1	163	175	150	163	7.70	cps
Calcium	43-1	11021	11271	11463	11252	1.97	cps
Calcium	44-1	185256	183231	187321	185269	1.10	cps
Chromium	52-2	5191	4904	5048	5048	2.84	cps
Cobalt	59-2	3621	3894	3684	3733	3.83	cps
Copper	63-2	6785	6995	7055	6945	2.04	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	83	25	67	58	51.51	cps
Erbium	164-2	33	20	23	26	27.15	cps
Gadolinium	160-1	83	8	83	58	74.24	cps
Gadolinium	160-2	70	97	133	100	31.80	cps
Holmium	165-1	10190078	10289267	10123799	10201048	0.82	cps
Holmium	165-2	5296777	5431596	5451909	5393427	1.56	cps
Indium	115-1	8228802	8271080	8313162	8271015	0.51	cps
Indium	115-2	1632873	1680661	1691540	1668358	1.87	cps
Iron	56-2	106232	107289	106965	106829	0.51	cps
Iron	57-2	2967	2778	2817	2854	3.50	cps
Lead	206-1	8408	8269	8581	8420	1.85	cps
Lead	207-1	7452	7819	7436	7569	2.86	cps
Lead	208-1	34585	34040	34163	34263	0.84	cps
Lithium	6-1	1653437	1655481	1660453	1656457	0.22	cps
Magnesium	24-2	76487	76956	77215	76886	0.48	cps
Manganese	55-2	1440	1477	1597	1505	5.45	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17945	17820	17795	17853	0.45	cps
Molybdenum	95-1	19456	20098	19506	19686	1.82	cps
Molybdenum	96-1	22260	21951	22034	22082	0.72	cps
Molybdenum	97-1	12147	12264	12523	12311	1.56	cps
Molybdenum	98-1	32530	32154	31711	32132	1.28	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1990	1817	1750	1852	6.69	cps
Phosphorus	31-2	150	183	125	153	19.15	cps
Potassium	39-2	113439	110291	109997	111242	1.72	cps
Rhodium	103-1	7325974	7300295	7307490	7311253	0.18	cps
Rhodium	103-2	3341045	3441304	3446593	3409647	1.74	cps
Scandium	45-1	4748275	4714426	4748660	4737120	0.41	cps
Scandium	45-2	200623	204226	204055	202968	1.00	cps
Selenium	77-2	17	10	37	21	65.74	cps
Selenium	78-2	187	180	176	181	3.13	cps
Selenium	82-1	688	734	758	727	4.93	cps
Silicon	28-1	327983	326460	334059	329501	1.22	cps
Silver	109-1	13140	12581	12197	12639	3.75	cps
Silver	107-1	13632	13624	13290	13515	1.44	cps
Sodium	23-2	162143	163321	162587	162684	0.37	cps
Strontium	86-1	3776	4201	4618	4198	10.03	cps
Strontium	88-1	23887	23153	23453	23498	1.57	cps
Sulfur	34-1	267944	273985	278278	273402	1.90	cps
Terbium	159-1	10700968	10666260	10791335	10719521	0.60	cps
Terbium	159-2	5341810	5424600	5434004	5400138	0.94	cps
Thallium	203-1	8620	8678	8578	8625	0.58	cps
Thallium	205-1	20617	20984	20425	20675	1.38	cps
Tin	118-1	35437	36106	36490	36011	1.48	cps
Titanium	47-1	4843	5418	5193	5151	5.63	cps
Uranium	238-1	27697	26111	27054	26954	2.96	cps
Vanadium	51-2	8856	9176	9036	9023	1.78	cps
Yttrium	89-1	8273359	8241485	8321270	8278705	0.49	cps
Yttrium	89-2	1205180	1236714	1230831	1224242	1.37	cps
Zinc	66-2	930	1050	897	959	8.41	cps
Zirconium	90-1	18271	17803	17653	17909	1.80	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:18:54	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3917	3951	3826	3898	1.66	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:23:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	50	81	36.33	cps
Antimony	121-1	1433	1433	1300	1389	5.54	cps
Arsenic	75-2	15	13	22	17	29.41	cps
Barium	135-1	42	33	17	31	41.65	cps
Barium	137-1	58	75	50	61	20.83	cps
Beryllium	9-1	361	394	339	365	7.66	cps
Bismuth	209-1	6547841	6534811	6402317	6494990	1.24	cps
Bismuth	209-2	4026521	4012880	4071731	4037044	0.76	cps
Boron	10-1	1525	1375	1358	1420	6.47	cps
Boron	11-1	6860	6868	6502	6743	3.11	cps
Cadmium	111-1	1878	2106	1842	1942	7.38	cps
Cadmium	106-1	2667	3009	2617	2764	7.71	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	183	183	292	219	28.50	cps
Calcium	44-1	5893	6235	6235	6121	3.22	cps
Chromium	52-2	440	430	453	441	2.65	cps
Cobalt	59-2	137	123	100	120	15.47	cps
Copper	63-2	890	950	927	922	3.28	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	42	58	61	34.32	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	75	92	33	67	45.07	cps
Gadolinium	160-2	103	63	63	77	30.13	cps
Holmium	165-1	9796011	9776462	9736089	9769521	0.31	cps
Holmium	165-2	5083003	5053739	5157929	5098224	1.05	cps
Indium	115-1	7791751	7965477	7665581	7807603	1.93	cps
Indium	115-2	1571025	1564401	1581659	1572361	0.55	cps
Iron	56-2	11605	11088	11521	11405	2.43	cps
Iron	57-2	478	400	456	444	9.01	cps
Lead	206-1	1328	1222	1272	1274	4.14	cps
Lead	207-1	1178	1050	1195	1141	6.93	cps
Lead	208-1	5445	4989	5084	5173	4.65	cps
Lithium	6-1	1596955	1598694	1574403	1590018	0.85	cps
Magnesium	24-2	1725	2117	1967	1936	10.21	cps
Manganese	55-2	310	277	343	310	10.75	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:23:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	742	542	644	15.54	cps
Molybdenum	95-1	500	383	442	442	13.21	cps
Molybdenum	96-1	533	442	542	506	10.98	cps
Molybdenum	97-1	283	308	292	294	4.32	cps
Molybdenum	98-1	567	567	783	639	19.58	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	907	897	891	2.13	cps
Phosphorus	31-2	108	150	108	122	19.68	cps
Potassium	39-2	30808	29839	31067	30571	2.12	cps
Rhodium	103-1	6937884	6993582	6941973	6957813	0.45	cps
Rhodium	103-2	3226854	3221807	3250798	3233153	0.48	cps
Scandium	45-1	4473933	4499619	4433976	4469176	0.74	cps
Scandium	45-2	189012	191027	191588	190542	0.71	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	72	67	57	65	11.43	cps
Selenium	82-1	-47	-48	-58	-51	-12.86	cps
Silicon	28-1	274843	271034	270583	272153	0.86	cps
Silver	109-1	308	325	342	325	5.13	cps
Silver	107-1	400	358	367	375	5.88	cps
Sodium	23-2	17711	16935	17578	17408	2.38	cps
Strontium	86-1	1800	1759	1350	1636	15.20	cps
Strontium	88-1	392	383	342	372	7.20	cps
Sulfur	34-1	273849	271656	272634	272713	0.40	cps
Terbium	159-1	10373640	10483881	10103799	10320440	1.89	cps
Terbium	159-2	5096399	5088735	5096177	5093770	0.09	cps
Thallium	203-1	275	275	283	278	1.73	cps
Thallium	205-1	667	650	658	658	1.27	cps
Tin	118-1	1750	1834	1525	1703	9.37	cps
Titanium	47-1	175	133	192	167	18.03	cps
Uranium	238-1	108	92	125	108	15.39	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	7855066	7918560	7842723	7872116	0.52	cps
Yttrium	89-2	1147344	1147328	1160416	1151696	0.66	cps
Zinc	66-2	170	183	120	158	21.16	cps
Zirconium	90-1	1225	1033	875	1045	16.78	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:23:25	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	225	150	239	40.43	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2800	2867	2767	2811	1.81	cps
Antimony	121-1	36507	37401	36866	36925	1.22	cps
Arsenic	75-2	687	565	646	633	9.84	cps
Barium	135-1	43411	43561	43971	43647	0.66	cps
Barium	137-1	76335	76125	75440	75967	0.62	cps
Beryllium	9-1	3145	3089	3267	3167	2.87	cps
Bismuth	209-1	6856629	6937620	6951038	6915096	0.74	cps
Bismuth	209-2	4134718	4148975	4419312	4234335	3.79	cps
Boron	10-1	8519	7977	8144	8214	3.38	cps
Boron	11-1	39419	39452	39678	39516	0.36	cps
Cadmium	111-1	5866	6282	5990	6046	3.53	cps
Cadmium	106-1	3292	3492	3167	3317	4.94	cps
Cadmium	108-1	329	304	367	333	9.44	cps
Calcium	43-1	23603	24020	23378	23667	1.38	cps
Calcium	44-1	388394	383552	386332	386093	0.63	cps
Chromium	52-2	9813	9733	9643	9730	0.87	cps
Cobalt	59-2	7729	7816	7675	7740	0.91	cps
Copper	63-2	12559	12285	12516	12453	1.18	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	83	117	83	94	20.37	cps
Erbium	164-2	27	30	37	31	16.37	cps
Gadolinium	160-1	50	58	100	69	38.58	cps
Gadolinium	160-2	87	97	103	96	8.78	cps
Holmium	165-1	10345274	10544291	10477159	10455574	0.97	cps
Holmium	165-2	5300476	5291601	5621459	5404512	3.48	cps
Indium	115-1	8208667	8376900	8441746	8342438	1.44	cps
Indium	115-2	1626901	1642257	1749906	1673021	4.01	cps
Iron	56-2	771306	772873	771182	771787	0.12	cps
Iron	57-2	19725	18940	19280	19315	2.04	cps
Lead	206-1	16961	17679	17684	17441	2.38	cps
Lead	207-1	16066	15320	15215	15534	2.99	cps
Lead	208-1	70809	70609	69946	70454	0.64	cps
Lithium	6-1	1668858	1666268	1676767	1670631	0.33	cps
Magnesium	24-2	156375	158446	157131	157317	0.67	cps
Manganese	55-2	3347	3384	3184	3305	3.22	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	34652	34192	35127	34657	1.35	cps
Molybdenum	95-1	41144	41010	41027	41060	0.18	cps
Molybdenum	96-1	46109	45072	46443	45875	1.56	cps
Molybdenum	97-1	26158	25482	25106	25582	2.08	cps
Molybdenum	98-1	65333	66556	66045	65978	0.93	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2994	3224	2987	3068	4.39	cps
Phosphorus	31-2	75	100	142	106	31.91	cps
Potassium	39-2	196686	200628	199214	198842	1.00	cps
Rhodium	103-1	7238442	7398888	7494416	7377249	1.75	cps
Rhodium	103-2	3372876	3357059	3576652	3435529	3.56	cps
Scandium	45-1	4766135	4895024	4921615	4860925	1.71	cps
Scandium	45-2	195064	198658	214054	202592	4.98	cps
Selenium	77-2	47	77	63	62	24.16	cps
Selenium	78-2	239	285	315	280	13.69	cps
Selenium	82-1	1354	1166	1359	1293	8.52	cps
Silicon	28-1	384596	375103	377793	379164	1.29	cps
Silver	109-1	20941	21376	20916	21078	1.23	cps
Silver	107-1	20649	21459	21133	21080	1.93	cps
Sodium	23-2	313358	313198	313413	313323	0.04	cps
Strontium	86-1	7569	7577	6902	7349	5.27	cps
Strontium	88-1	50322	51511	49846	50560	1.70	cps
Sulfur	34-1	272134	269597	269975	270569	0.51	cps
Terbium	159-1	10877435	10879455	10952400	10903097	0.39	cps
Terbium	159-2	5306545	5295058	5609205	5403602	3.30	cps
Thallium	203-1	18005	17128	17688	17607	2.52	cps
Thallium	205-1	41390	40496	40546	40811	1.23	cps
Tin	118-1	73400	72395	73945	73247	1.07	cps
Titanium	47-1	10996	10796	10412	10735	2.76	cps
Uranium	238-1	58649	58942	57971	58521	0.85	cps
Vanadium	51-2	18999	18699	19133	18944	1.17	cps
Yttrium	89-1	8490518	8411090	8510020	8470543	0.62	cps
Yttrium	89-2	1207226	1197763	1273136	1226042	3.35	cps
Zinc	66-2	1623	1763	1627	1671	4.78	cps
Zirconium	90-1	31987	32187	32346	32173	0.56	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	PB100624BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:26:54	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6835	7344	7552	7244	5.09	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3084	2809	2750	2881	6.19	cps
Antimony	121-1	3567	3992	3684	3748	5.86	cps
Arsenic	75-2	1217	1437	1322	1325	8.32	cps
Barium	135-1	298941	293328	292708	294992	1.16	cps
Barium	137-1	512372	510216	505910	509499	0.65	cps
Beryllium	9-1	283	239	206	243	16.08	cps
Bismuth	209-1	7133667	7092143	7105679	7110496	0.30	cps
Bismuth	209-2	4357052	4334981	4328084	4340039	0.35	cps
Boron	10-1	22843	22710	22434	22662	0.92	cps
Boron	11-1	109486	111307	113096	111296	1.62	cps
Cadmium	111-1	2029	2226	2201	2152	4.98	cps
Cadmium	106-1	2867	3109	3075	3017	4.34	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	2541795	2512775	2507437	2520669	0.73	cps
Calcium	44-1	40871802	40584284	40407021	40621036	0.58	cps
Chromium	52-2	840	837	823	833	1.06	cps
Cobalt	59-2	2507	2850	2780	2713	6.69	cps
Copper	63-2	3177	3244	3184	3202	1.15	cps
Dysprosium	156-1	242	192	267	233	16.37	cps
Dysprosium	156-2	113	103	97	104	8.03	cps
Erbium	164-1	200	225	158	194	17.32	cps
Erbium	164-2	107	100	110	106	4.82	cps
Gadolinium	160-1	350	258	217	275	24.80	cps
Gadolinium	160-2	190	207	153	183	14.88	cps
Holmium	165-1	11206553	11129871	11075220	11137215	0.59	cps
Holmium	165-2	5724805	5702203	5721375	5716128	0.21	cps
Indium	115-1	8856380	8739476	8768596	8788150	0.69	cps
Indium	115-2	1734762	1742098	1731271	1736044	0.32	cps
Iron	56-2	10606753	10565000	10568046	10579933	0.22	cps
Iron	57-2	266582	266834	265415	266277	0.28	cps
Lead	206-1	1761	1628	1483	1624	8.56	cps
Lead	207-1	1272	1439	1378	1363	6.19	cps
Lead	208-1	6712	6440	6101	6417	4.77	cps
Lithium	6-1	1799001	1801368	1781939	1794103	0.59	cps
Magnesium	24-2	4217708	4215906	4210936	4214850	0.08	cps
Manganese	55-2	3245301	3250000	3255178	3250160	0.15	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1934	1867	1984	1928	3.04	cps
Molybdenum	95-1	1925	1742	1734	1800	6.02	cps
Molybdenum	96-1	2050	1909	2217	2059	7.50	cps
Molybdenum	97-1	1000	933	1050	995	5.89	cps
Molybdenum	98-1	2509	2492	2759	2586	5.78	cps
Neodymium	150-1	213	307	320	280	20.76	cps
Neodymium	150-2	97	93	87	92	5.52	cps
Nickel	60-2	1727	1770	1687	1728	2.41	cps
Phosphorus	31-2	175	158	200	178	11.80	cps
Potassium	39-2	262920	260269	258383	260524	0.87	cps
Rhodium	103-1	7589847	7592214	7565362	7582475	0.20	cps
Rhodium	103-2	3473889	3485355	3494375	3484540	0.29	cps
Scandium	45-1	5102351	5103242	5125214	5110269	0.25	cps
Scandium	45-2	208886	209880	210892	209886	0.48	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	44	74	62	24.99	cps
Selenium	82-1	65	125	46	79	52.85	cps
Silicon	28-1	33396649	32828976	32811006	33012210	1.01	cps
Silver	109-1	1358	1759	1917	1678	17.15	cps
Silver	107-1	1367	1842	1959	1722	18.20	cps
Sodium	23-2	9437766	9431923	9391706	9420465	0.27	cps
Strontium	86-1	440374	432267	431060	434567	1.17	cps
Strontium	88-1	3826702	3797870	3804824	3809799	0.39	cps
Sulfur	34-1	567596	561574	558657	562609	0.81	cps
Terbium	159-1	11762764	11754592	11577149	11698168	0.90	cps
Terbium	159-2	5709447	5697720	5673923	5693697	0.32	cps
Thallium	203-1	317	350	325	331	5.25	cps
Thallium	205-1	750	858	875	828	8.20	cps
Tin	118-1	1558	1317	1275	1383	11.06	cps
Titanium	47-1	1117	1167	1192	1158	3.30	cps
Uranium	238-1	12715	12598	13050	12788	1.83	cps
Vanadium	51-2	203	223	347	258	30.13	cps
Yttrium	89-1	8931917	8922038	8881022	8911659	0.30	cps
Yttrium	89-2	1278094	1278647	1278914	1278552	0.03	cps
Zinc	66-2	1807	1617	1663	1696	5.84	cps
Zirconium	90-1	3000	3292	3326	3206	5.58	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:30:22	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	758	675	711	6.01	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2909	2567	2209	2562	13.67	cps
Antimony	121-1	2850	2800	2850	2834	1.02	cps
Arsenic	75-2	1311	1313	1257	1294	2.44	cps
Barium	135-1	291505	289399	289163	290022	0.44	cps
Barium	137-1	510954	504643	502902	506167	0.84	cps
Beryllium	9-1	139	233	239	204	27.59	cps
Bismuth	209-1	7037580	7093881	7083181	7071547	0.42	cps
Bismuth	209-2	4273395	4285829	4281979	4280401	0.15	cps
Boron	10-1	23202	23911	22693	23269	2.63	cps
Boron	11-1	114112	112717	114893	113907	0.97	cps
Cadmium	111-1	2057	2189	2101	2116	3.18	cps
Cadmium	106-1	2884	3059	2959	2967	2.96	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	2504948	2473289	2462821	2480353	0.88	cps
Calcium	44-1	40143709	40079285	39867918	40030304	0.36	cps
Chromium	52-2	767	870	877	838	7.36	cps
Cobalt	59-2	2664	2600	2640	2635	1.22	cps
Copper	63-2	3877	4084	4234	4065	4.41	cps
Dysprosium	156-1	208	192	208	203	4.74	cps
Dysprosium	156-2	107	87	150	114	28.29	cps
Erbium	164-1	292	233	200	242	19.20	cps
Erbium	164-2	93	107	90	97	9.12	cps
Gadolinium	160-1	267	292	275	278	4.58	cps
Gadolinium	160-2	193	197	187	192	2.65	cps
Holmium	165-1	11220828	11088449	11057130	11122136	0.78	cps
Holmium	165-2	5616815	5648345	5675946	5647035	0.52	cps
Indium	115-1	8705314	8757655	8624425	8695798	0.77	cps
Indium	115-2	1701369	1713177	1705039	1706528	0.35	cps
Iron	56-2	10404614	10345307	10332647	10360856	0.37	cps
Iron	57-2	262659	260160	259268	260696	0.67	cps
Lead	206-1	1500	1289	1345	1378	7.94	cps
Lead	207-1	1128	1356	1211	1232	9.36	cps
Lead	208-1	5867	5662	5795	5775	1.81	cps
Lithium	6-1	1780644	1760156	1759598	1766799	0.68	cps
Magnesium	24-2	4125408	4112446	4138559	4125471	0.32	cps
Manganese	55-2	3200361	3190190	3193443	3194665	0.16	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2017	1859	1950	1942	4.09	cps
Molybdenum	95-1	1809	1567	1433	1603	11.86	cps
Molybdenum	96-1	1909	1917	2259	2028	9.85	cps
Molybdenum	97-1	992	1042	817	950	12.44	cps
Molybdenum	98-1	2217	2317	2225	2253	2.46	cps
Neodymium	150-1	701	233	267	400	65.17	cps
Neodymium	150-2	63	70	107	80	29.17	cps
Nickel	60-2	1540	1520	1640	1567	4.10	cps
Phosphorus	31-2	133	292	225	217	36.69	cps
Potassium	39-2	252700	252283	252215	252400	0.10	cps
Rhodium	103-1	7508808	7520582	7471252	7500214	0.34	cps
Rhodium	103-2	3425666	3428652	3436173	3430164	0.16	cps
Scandium	45-1	5020315	4986963	4986948	4998075	0.39	cps
Scandium	45-2	205868	203233	204615	204572	0.64	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	63	89	56	69	25.32	cps
Selenium	82-1	-24	112	9	32	220.94	cps
Silicon	28-1	32611397	32265506	32487898	32454933	0.54	cps
Silver	109-1	2259	2525	2542	2442	6.51	cps
Silver	107-1	2067	2800	2600	2489	15.23	cps
Sodium	23-2	9206603	9150972	9134455	9164010	0.41	cps
Strontium	86-1	432355	428037	421833	427409	1.24	cps
Strontium	88-1	3769329	3770088	3748847	3762755	0.32	cps
Sulfur	34-1	565399	557306	557183	559963	0.84	cps
Terbium	159-1	11620665	11695414	11713051	11676377	0.42	cps
Terbium	159-2	5618572	5636994	5654134	5636566	0.32	cps
Thallium	203-1	175	192	292	219	28.75	cps
Thallium	205-1	550	608	675	611	10.24	cps
Tin	118-1	1559	1208	1208	1325	15.26	cps
Titanium	47-1	1125	1058	1192	1125	5.93	cps
Uranium	238-1	12740	12632	13374	12915	3.10	cps
Vanadium	51-2	180	177	203	187	7.79	cps
Yttrium	89-1	8830386	8767984	8685748	8761373	0.83	cps
Yttrium	89-2	1255392	1256632	1256644	1256223	0.06	cps
Zinc	66-2	2117	2220	2167	2168	2.38	cps
Zirconium	90-1	3226	2975	2875	3025	5.96	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:33:49	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	833	575	681	19.91	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	667	525	545	20.90	cps
Antimony	121-1	725	708	617	683	8.54	cps
Arsenic	75-2	206	248	241	231	9.83	cps
Barium	135-1	52358	51688	51731	51926	0.72	cps
Barium	137-1	88884	90695	91542	90374	1.50	cps
Beryllium	9-1	200	194	200	198	1.62	cps
Bismuth	209-1	6697613	6655990	6685893	6679832	0.32	cps
Bismuth	209-2	4032867	4093761	4065541	4064056	0.75	cps
Boron	10-1	6227	5801	6068	6032	3.56	cps
Boron	11-1	29254	29062	28803	29040	0.78	cps
Cadmium	111-1	2131	1988	1968	2029	4.39	cps
Cadmium	106-1	3017	2817	2792	2875	4.29	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	440321	440491	440983	440598	0.08	cps
Calcium	44-1	7133520	7191061	7138714	7154432	0.44	cps
Chromium	52-2	457	507	533	499	7.80	cps
Cobalt	59-2	490	517	493	500	2.91	cps
Copper	63-2	2117	2147	1950	2071	5.12	cps
Dysprosium	156-1	75	125	42	81	52.07	cps
Dysprosium	156-2	33	40	13	29	48.05	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	43	23	30	32	31.61	cps
Gadolinium	160-1	67	67	125	86	39.11	cps
Gadolinium	160-2	120	117	133	123	7.15	cps
Holmium	165-1	10181139	10172749	10140671	10164853	0.21	cps
Holmium	165-2	5183763	5264990	5245063	5231272	0.81	cps
Indium	115-1	8048719	8131373	7966824	8048972	1.02	cps
Indium	115-2	1575122	1603377	1607757	1595418	1.11	cps
Iron	56-2	1864668	1881006	1882153	1875942	0.52	cps
Iron	57-2	47483	47539	47973	47665	0.56	cps
Lead	206-1	778	961	1095	945	16.83	cps
Lead	207-1	794	800	739	778	4.35	cps
Lead	208-1	3461	3695	3645	3600	3.41	cps
Lithium	6-1	1628303	1632364	1637117	1632595	0.27	cps
Magnesium	24-2	747475	746435	740232	744714	0.53	cps
Manganese	55-2	575491	576309	573624	575141	0.24	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	608	817	720	14.58	cps
Molybdenum	95-1	467	517	408	464	11.69	cps
Molybdenum	96-1	525	600	550	558	6.84	cps
Molybdenum	97-1	383	267	300	317	18.98	cps
Molybdenum	98-1	642	692	875	736	16.69	cps
Neodymium	150-1	60	47	33	47	28.58	cps
Neodymium	150-2	30	13	13	19	50.96	cps
Nickel	60-2	867	897	920	894	2.99	cps
Phosphorus	31-2	125	108	150	128	16.41	cps
Potassium	39-2	69371	71004	69689	70021	1.24	cps
Rhodium	103-1	7003531	7046346	7082497	7044125	0.56	cps
Rhodium	103-2	3222563	3249900	3278675	3250379	0.86	cps
Scandium	45-1	4579652	4542269	4528763	4550228	0.58	cps
Scandium	45-2	187469	189564	193030	190021	1.48	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	65	52	85	67	24.98	cps
Selenium	82-1	-102	35	-113	-60	-137.61	cps
Silicon	28-1	6057039	5993510	5931646	5994065	1.05	cps
Silver	109-1	1000	1267	1158	1142	11.75	cps
Silver	107-1	1100	1233	1067	1133	7.78	cps
Sodium	23-2	1675940	1676898	1684145	1678994	0.27	cps
Strontium	86-1	76847	78657	76856	77454	1.35	cps
Strontium	88-1	666229	672013	666765	668336	0.48	cps
Sulfur	34-1	319494	322286	317160	319646	0.80	cps
Terbium	159-1	10721670	10573306	10720740	10671905	0.80	cps
Terbium	159-2	5199229	5231797	5232965	5221330	0.37	cps
Thallium	203-1	133	142	100	125	17.64	cps
Thallium	205-1	350	292	350	331	10.19	cps
Tin	118-1	1627	1150	1092	1289	22.75	cps
Titanium	47-1	292	358	317	322	10.45	cps
Uranium	238-1	2784	2050	2550	2461	15.23	cps
Vanadium	51-2	40	50	60	50	20.00	cps
Yttrium	89-1	8118271	8094340	8129494	8114035	0.22	cps
Yttrium	89-2	1156505	1170406	1175465	1167459	0.84	cps
Zinc	66-2	370	397	393	387	3.76	cps
Zirconium	90-1	1050	1208	1200	1153	7.73	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-13 13:37:16	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	400	308	319	23.67	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148716	146081	146621	147139	0.95	cps
Antimony	121-1	1027865	1022940	1025443	1025416	0.24	cps
Arsenic	75-2	13193	13277	13517	13329	1.26	cps
Barium	135-1	5516920	5490065	5509744	5505576	0.25	cps
Barium	137-1	9499716	9475884	9581525	9519042	0.58	cps
Beryllium	9-1	76297	75358	75929	75861	0.62	cps
Bismuth	209-1	6864486	6961993	6979069	6935183	0.89	cps
Bismuth	209-2	4163331	4166515	4195466	4175104	0.42	cps
Boron	10-1	21775	22017	21858	21883	0.56	cps
Boron	11-1	106590	110175	109822	108862	1.82	cps
Cadmium	111-1	118820	119163	118912	118965	0.15	cps
Cadmium	106-1	13632	13574	13866	13691	1.13	cps
Cadmium	108-1	8061	7711	7798	7857	2.32	cps
Calcium	43-1	2423616	2415919	2407545	2415693	0.33	cps
Calcium	44-1	39281052	38749158	38674364	38901525	0.85	cps
Chromium	52-2	494728	493988	491459	493392	0.35	cps
Cobalt	59-2	2035919	2040628	2045458	2040668	0.23	cps
Copper	63-2	733019	730837	734430	732762	0.25	cps
Dysprosium	156-1	242	292	225	253	13.72	cps
Dysprosium	156-2	163	170	147	160	7.51	cps
Erbium	164-1	292	267	217	258	14.78	cps
Erbium	164-2	100	67	120	96	28.19	cps
Gadolinium	160-1	250	217	250	239	8.05	cps
Gadolinium	160-2	183	190	200	191	4.39	cps
Holmium	165-1	10672187	10885490	10798187	10785288	0.99	cps
Holmium	165-2	5508372	5512879	5554787	5525346	0.46	cps
Indium	115-1	8416319	8479704	8473900	8456641	0.41	cps
Indium	115-2	1659485	1657543	1658134	1658387	0.06	cps
Iron	56-2	12216125	12106415	12160447	12160996	0.45	cps
Iron	57-2	305178	305728	305106	305338	0.11	cps
Lead	206-1	162926	161761	164809	163165	0.94	cps
Lead	207-1	146104	147847	144689	146213	1.08	cps
Lead	208-1	660403	662353	661295	661351	0.15	cps
Lithium	6-1	1698617	1711075	1704576	1704756	0.37	cps
Magnesium	24-2	3983909	3967465	3976240	3975871	0.21	cps
Manganese	55-2	3842633	3842115	3841957	3842235	0.01	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2800	2200	2609	2536	12.08	cps
Molybdenum	95-1	1442	1617	1692	1584	8.10	cps
Molybdenum	96-1	2309	1875	2059	2081	10.46	cps
Molybdenum	97-1	1083	942	992	1006	7.14	cps
Molybdenum	98-1	2592	2617	2709	2639	2.33	cps
Neodymium	150-1	667	667	687	673	1.71	cps
Neodymium	150-2	110	103	143	119	18.03	cps
Nickel	60-2	531620	530930	529214	530588	0.23	cps
Phosphorus	31-2	117	167	133	139	18.33	cps
Potassium	39-2	244176	243112	245335	244207	0.46	cps
Rhodium	103-1	7189004	7323576	7331115	7281232	1.10	cps
Rhodium	103-2	3318598	3333246	3335138	3328994	0.27	cps
Scandium	45-1	4693695	4744840	4725389	4721308	0.55	cps
Scandium	45-2	197216	195491	197237	196648	0.51	cps
Selenium	77-2	653	623	617	631	3.09	cps
Selenium	78-2	2267	2297	2474	2346	4.78	cps
Selenium	82-1	15287	15281	14996	15188	1.09	cps
Silicon	28-1	31865051	30807892	31063573	31245505	1.77	cps
Silver	109-1	520140	518941	513938	517673	0.64	cps
Silver	107-1	542805	529909	536090	536268	1.20	cps
Sodium	23-2	8831137	8803996	8939900	8858344	0.81	cps
Strontium	86-1	422375	420091	421522	421329	0.27	cps
Strontium	88-1	3760061	3698941	3723163	3727389	0.83	cps
Sulfur	34-1	548542	542851	538632	543342	0.92	cps
Terbium	159-1	11284348	11355318	11483570	11374412	0.89	cps
Terbium	159-2	5462822	5495759	5532996	5497192	0.64	cps
Thallium	203-1	498942	495768	494813	496507	0.44	cps
Thallium	205-1	1195798	1191265	1196844	1194636	0.25	cps
Tin	118-1	1483	1275	1450	1403	7.98	cps
Titanium	47-1	2403	1860	2186	2150	12.70	cps
Uranium	238-1	13157	12915	12607	12893	2.14	cps
Vanadium	51-2	1038602	1039314	1039902	1039273	0.06	cps
Yttrium	89-1	8396324	8594513	8639926	8543588	1.52	cps
Yttrium	89-2	1211019	1205783	1212541	1209781	0.29	cps
Zinc	66-2	211364	210926	211754	211348	0.20	cps
Zirconium	90-1	4476	4343	4576	4465	2.62	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:40:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	1017	1008	1036	3.97	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	458	508	444	16.17	cps
Antimony	121-1	617	617	642	625	2.31	cps
Arsenic	75-2	98	96	96	97	1.10	cps
Barium	135-1	14066	12906	14383	13785	5.64	cps
Barium	137-1	23813	23763	23838	23805	0.16	cps
Beryllium	9-1	250	217	217	228	8.45	cps
Bismuth	209-1	6783640	6705821	6738249	6742570	0.58	cps
Bismuth	209-2	4052191	4120305	4147301	4106599	1.19	cps
Boron	10-1	3042	3284	3100	3142	4.01	cps
Boron	11-1	15734	14299	14099	14710	6.06	cps
Cadmium	111-1	2042	1874	1942	1953	4.31	cps
Cadmium	106-1	2909	2659	2759	2775	4.53	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	112534	113231	114381	113382	0.82	cps
Calcium	44-1	1842333	1830738	1852405	1841825	0.59	cps
Chromium	52-2	453	473	490	472	3.89	cps
Cobalt	59-2	253	293	250	266	9.08	cps
Copper	63-2	1964	1847	1984	1931	3.82	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	33	50	42	42	19.99	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	83	58	42	61	34.32	cps
Gadolinium	160-2	100	60	97	86	25.94	cps
Holmium	165-1	10188161	10289764	10171005	10216310	0.63	cps
Holmium	165-2	5174491	5257441	5255637	5229190	0.91	cps
Indium	115-1	8197510	8046961	8013038	8085837	1.21	cps
Indium	115-2	1575968	1603622	1601007	1593532	0.96	cps
Iron	56-2	490629	496382	494468	493826	0.59	cps
Iron	57-2	12934	13173	12706	12938	1.81	cps
Lead	206-1	867	895	917	893	2.81	cps
Lead	207-1	933	822	800	852	8.39	cps
Lead	208-1	3556	3584	3806	3648	3.76	cps
Lithium	6-1	1617147	1625508	1619715	1620790	0.26	cps
Magnesium	24-2	195626	194520	192646	194264	0.78	cps
Manganese	55-2	149298	149049	149102	149150	0.09	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	575	617	575	589	4.09	cps
Molybdenum	95-1	533	425	742	567	28.40	cps
Molybdenum	96-1	733	825	792	783	5.92	cps
Molybdenum	97-1	383	300	333	339	12.38	cps
Molybdenum	98-1	1117	900	925	981	12.09	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	833	913	790	846	7.40	cps
Phosphorus	31-2	83	117	108	103	16.88	cps
Potassium	39-2	38810	39804	39963	39526	1.58	cps
Rhodium	103-1	7129043	7024250	7059402	7070898	0.75	cps
Rhodium	103-2	3228631	3254962	3265231	3249608	0.58	cps
Scandium	45-1	4512438	4525330	4537851	4525206	0.28	cps
Scandium	45-2	186392	189157	188158	187902	0.75	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	72	57	63	64	11.65	cps
Selenium	82-1	11	72	-55	9	693.49	cps
Silicon	28-1	1939772	1922558	1941490	1934607	0.54	cps
Silver	109-1	967	1142	1042	1050	8.36	cps
Silver	107-1	1075	1167	1033	1092	6.25	cps
Sodium	23-2	448318	445434	447426	447059	0.33	cps
Strontium	86-1	21108	21216	21225	21183	0.31	cps
Strontium	88-1	172002	173960	174641	173534	0.79	cps
Sulfur	34-1	276960	277437	272830	275742	0.92	cps
Terbium	159-1	10600182	10564906	10713260	10626116	0.73	cps
Terbium	159-2	5174600	5251380	5244008	5223329	0.81	cps
Thallium	203-1	208	158	175	181	14.10	cps
Thallium	205-1	333	317	317	322	2.98	cps
Tin	118-1	1700	1433	1792	1642	11.34	cps
Titanium	47-1	150	183	225	186	20.19	cps
Uranium	238-1	650	850	633	711	16.96	cps
Vanadium	51-2	53	57	33	48	26.42	cps
Yttrium	89-1	8066668	8097971	8104502	8089714	0.25	cps
Yttrium	89-2	1151096	1155414	1161506	1156005	0.45	cps
Zinc	66-2	720	740	657	706	6.17	cps
Zirconium	90-1	900	825	700	808	12.50	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:44:12	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	175	183	200	18.16	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	200	200	183	15.75	cps
Antimony	121-1	483	408	442	444	8.46	cps
Arsenic	75-2	72	67	69	69	4.09	cps
Barium	135-1	13724	13482	13465	13557	1.07	cps
Barium	137-1	23254	24314	23671	23746	2.25	cps
Beryllium	9-1	167	272	244	228	24.02	cps
Bismuth	209-1	6856333	6917392	6792567	6855431	0.91	cps
Bismuth	209-2	3973058	4100787	4028100	4033982	1.59	cps
Boron	10-1	1917	2275	2225	2139	9.07	cps
Boron	11-1	11080	10596	11055	10910	2.50	cps
Cadmium	111-1	1970	1970	1949	1963	0.62	cps
Cadmium	106-1	2800	2817	2767	2795	0.91	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	115498	113794	116607	115300	1.23	cps
Calcium	44-1	1871040	1875454	1865595	1870696	0.26	cps
Chromium	52-2	433	473	560	489	13.24	cps
Cobalt	59-2	217	247	230	231	6.50	cps
Copper	63-2	1430	1360	1427	1406	2.81	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	75	67	33	58	37.80	cps
Gadolinium	160-2	93	90	100	94	5.39	cps
Holmium	165-1	10401795	10331758	10352319	10361957	0.35	cps
Holmium	165-2	5086281	5206635	5137658	5143525	1.17	cps
Indium	115-1	8297752	8252204	8158215	8236057	0.86	cps
Indium	115-2	1542624	1578470	1555324	1558806	1.17	cps
Iron	56-2	500113	497972	496001	498029	0.41	cps
Iron	57-2	12650	12784	12300	12578	1.99	cps
Lead	206-1	1056	895	972	974	8.27	cps
Lead	207-1	883	839	800	841	4.96	cps
Lead	208-1	4245	3895	3856	3999	5.36	cps
Lithium	6-1	1654836	1645055	1638795	1646229	0.49	cps
Magnesium	24-2	197155	194234	197272	196220	0.88	cps
Manganese	55-2	151618	151203	151407	151409	0.14	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	408	350	353	15.37	cps
Molybdenum	95-1	150	192	158	167	13.23	cps
Molybdenum	96-1	225	242	208	225	7.41	cps
Molybdenum	97-1	208	183	125	172	24.83	cps
Molybdenum	98-1	308	342	300	317	6.96	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	790	933	843	856	8.47	cps
Phosphorus	31-2	125	83	150	119	28.20	cps
Potassium	39-2	39796	38685	39361	39281	1.43	cps
Rhodium	103-1	7125816	7240605	7058331	7141584	1.29	cps
Rhodium	103-2	3166139	3238320	3179205	3194555	1.20	cps
Scandium	45-1	4602145	4715021	4492656	4603274	2.42	cps
Scandium	45-2	177284	186303	182502	182030	2.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	76	57	60	25.00	cps
Selenium	82-1	32	129	-53	36	252.91	cps
Silicon	28-1	1954102	1956776	1951095	1953991	0.15	cps
Silver	109-1	583	667	542	597	10.66	cps
Silver	107-1	575	558	717	617	14.11	cps
Sodium	23-2	452879	451533	452736	452383	0.16	cps
Strontium	86-1	21642	22134	21634	21803	1.31	cps
Strontium	88-1	176548	175891	175657	176032	0.26	cps
Sulfur	34-1	281225	278670	276801	278899	0.80	cps
Terbium	159-1	10905571	10942617	10709572	10852587	1.15	cps
Terbium	159-2	5095158	5186660	5106290	5129369	0.97	cps
Thallium	203-1	117	83	133	111	22.91	cps
Thallium	205-1	258	292	300	283	7.78	cps
Tin	118-1	975	1050	1192	1072	10.26	cps
Titanium	47-1	167	192	117	158	24.12	cps
Uranium	238-1	750	733	692	725	4.14	cps
Vanadium	51-2	37	23	23	28	27.73	cps
Yttrium	89-1	8282999	8209420	8130550	8207656	0.93	cps
Yttrium	89-2	1124270	1145099	1130280	1133216	0.95	cps
Zinc	66-2	350	290	273	304	13.24	cps
Zirconium	90-1	858	767	800	808	5.74	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79D	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:47:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	100	133	114	15.23	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	292	206	38.95	cps
Antimony	121-1	325	367	325	339	7.10	cps
Arsenic	75-2	35	35	33	35	3.11	cps
Barium	135-1	2517	2600	2734	2617	4.18	cps
Barium	137-1	4834	4334	4568	4579	5.47	cps
Beryllium	9-1	156	150	178	161	9.12	cps
Bismuth	209-1	6765586	6892708	6908205	6855499	1.14	cps
Bismuth	209-2	4102254	4114543	4114402	4110400	0.17	cps
Boron	10-1	992	1042	1192	1075	9.68	cps
Boron	11-1	5576	5685	5510	5590	1.58	cps
Cadmium	111-1	2084	2085	1886	2018	5.68	cps
Cadmium	106-1	2967	2959	2709	2878	5.10	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Calcium	43-1	21366	22276	22693	22112	3.07	cps
Calcium	44-1	356273	356039	353095	355136	0.50	cps
Chromium	52-2	513	507	433	484	9.16	cps
Cobalt	59-2	143	90	93	109	27.44	cps
Copper	63-2	1257	1293	1257	1269	1.67	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	67	100	75	81	21.53	cps
Gadolinium	160-2	57	130	67	84	47.09	cps
Holmium	165-1	10188977	10315633	10279556	10261389	0.64	cps
Holmium	165-2	5201314	5227989	5178298	5202534	0.48	cps
Indium	115-1	8104036	8171912	8126471	8134140	0.43	cps
Indium	115-2	1575870	1588198	1580856	1581641	0.39	cps
Iron	56-2	98987	99860	98137	98995	0.87	cps
Iron	57-2	2356	2511	2495	2454	3.48	cps
Lead	206-1	1011	1017	961	996	3.07	cps
Lead	207-1	772	911	850	844	8.24	cps
Lead	208-1	3811	4145	3917	3958	4.30	cps
Lithium	6-1	1619896	1626034	1632488	1626139	0.39	cps
Magnesium	24-2	39511	39520	38334	39121	1.74	cps
Manganese	55-2	29119	28748	28748	28872	0.74	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	417	475	408	433	8.38	cps
Molybdenum	95-1	233	250	183	222	15.61	cps
Molybdenum	96-1	300	242	392	311	24.30	cps
Molybdenum	97-1	158	158	117	144	16.66	cps
Molybdenum	98-1	317	267	392	325	19.36	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	797	783	853	811	4.58	cps
Phosphorus	31-2	133	175	117	142	21.21	cps
Potassium	39-2	30257	31192	31167	30872	1.73	cps
Rhodium	103-1	7099144	7163609	7196841	7153198	0.69	cps
Rhodium	103-2	3233657	3253549	3243215	3243474	0.31	cps
Scandium	45-1	4484825	4517140	4516120	4506028	0.41	cps
Scandium	45-2	184870	188850	186730	186817	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	41	69	53	26.64	cps
Selenium	82-1	99	-5	17	37	148.53	cps
Silicon	28-1	567399	562097	564124	564540	0.47	cps
Silver	109-1	450	492	292	411	25.67	cps
Silver	107-1	392	533	475	467	15.26	cps
Sodium	23-2	96754	97105	96191	96683	0.48	cps
Strontium	86-1	5051	5393	5243	5229	3.28	cps
Strontium	88-1	33098	33565	34142	33601	1.56	cps
Sulfur	34-1	271931	269706	274316	271984	0.85	cps
Terbium	159-1	10694090	10859117	10865779	10806328	0.90	cps
Terbium	159-2	5164393	5188313	5188810	5180505	0.27	cps
Thallium	203-1	158	225	142	175	25.20	cps
Thallium	205-1	367	408	392	389	5.39	cps
Tin	118-1	1392	1158	1183	1245	10.30	cps
Titanium	47-1	117	217	192	175	29.74	cps
Uranium	238-1	250	208	175	211	17.80	cps
Vanadium	51-2	17	10	20	16	32.73	cps
Yttrium	89-1	8066848	8086409	8127887	8093715	0.39	cps
Yttrium	89-2	1143697	1154694	1145928	1148106	0.51	cps
Zinc	66-2	340	333	320	331	3.08	cps
Zirconium	90-1	808	717	783	770	6.16	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDC79L	Dilution Factor :	100
Date & Time Acquired ::	2017-07-13 13:51:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	192	133	150	24.22	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7327	8019	7794	7713	4.58	cps
Antimony	121-1	50483	51495	51278	51086	1.04	cps
Arsenic	75-2	711	628	689	676	6.38	cps
Barium	135-1	271749	263646	269585	268327	1.56	cps
Barium	137-1	475260	464330	467730	469107	1.19	cps
Beryllium	9-1	3706	4040	4012	3919	4.72	cps
Bismuth	209-1	6856899	6737567	6583220	6725895	2.04	cps
Bismuth	209-2	3912410	4032849	4053932	3999730	1.91	cps
Boron	10-1	2150	1767	1734	1884	12.29	cps
Boron	11-1	8870	8419	9187	8825	4.37	cps
Cadmium	111-1	7758	7945	7364	7689	3.86	cps
Cadmium	106-1	3142	3342	3034	3173	4.93	cps
Cadmium	108-1	442	363	367	390	11.42	cps
Calcium	43-1	120764	121025	119589	120459	0.63	cps
Calcium	44-1	1965843	1951803	1949227	1955625	0.46	cps
Chromium	52-2	25168	25162	25633	25321	1.07	cps
Cobalt	59-2	103656	102636	103539	103277	0.54	cps
Copper	63-2	38334	38528	38614	38492	0.37	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	123	93	40	86	49.34	cps
Holmium	165-1	10302223	10144464	9889291	10111993	2.06	cps
Holmium	165-2	4981890	5103309	5123545	5069581	1.51	cps
Indium	115-1	8118839	8012710	7923565	8018371	1.22	cps
Indium	115-2	1541909	1571632	1581765	1565102	1.32	cps
Iron	56-2	624663	619858	621593	622038	0.39	cps
Iron	57-2	16098	16254	15753	16035	1.60	cps
Lead	206-1	9265	9126	9337	9242	1.16	cps
Lead	207-1	8420	8570	8258	8416	1.85	cps
Lead	208-1	38061	37471	37433	37655	0.94	cps
Lithium	6-1	1631440	1625612	1606634	1621229	0.80	cps
Magnesium	24-2	202845	205676	204899	204473	0.72	cps
Manganese	55-2	192807	193851	193784	193481	0.30	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	383	450	392	13.95	cps
Molybdenum	95-1	150	175	225	183	20.83	cps
Molybdenum	96-1	325	217	233	258	22.58	cps
Molybdenum	97-1	150	175	208	178	16.46	cps
Molybdenum	98-1	267	250	350	289	18.55	cps
Neodymium	150-1	40	27	67	44	45.82	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	27736	28475	27436	27882	1.92	cps
Phosphorus	31-2	92	75	117	94	22.21	cps
Potassium	39-2	38442	39361	38276	38693	1.51	cps
Rhodium	103-1	7074726	7085706	6980885	7047106	0.82	cps
Rhodium	103-2	3148616	3206700	3220578	3191965	1.20	cps
Scandium	45-1	4507751	4509794	4349751	4455765	2.06	cps
Scandium	45-2	184018	185550	183150	184239	0.66	cps
Selenium	77-2	43	37	27	36	23.58	cps
Selenium	78-2	165	144	165	158	7.44	cps
Selenium	82-1	763	685	899	783	13.83	cps
Silicon	28-1	2049589	2029387	2043066	2040681	0.51	cps
Silver	109-1	26117	25674	26058	25950	0.93	cps
Silver	107-1	27686	27578	27762	27675	0.33	cps
Sodium	23-2	467640	464889	462504	465011	0.55	cps
Strontium	86-1	22660	21108	22268	22012	3.67	cps
Strontium	88-1	183121	181341	183399	182621	0.61	cps
Sulfur	34-1	289142	290475	285665	288427	0.86	cps
Terbium	159-1	10775616	10643901	10555759	10658425	1.04	cps
Terbium	159-2	5033416	5134562	5127116	5098365	1.11	cps
Thallium	203-1	25133	24874	25258	25088	0.78	cps
Thallium	205-1	59903	60915	59877	60232	0.98	cps
Tin	118-1	900	1192	1100	1064	14.02	cps
Titanium	47-1	158	358	142	219	54.96	cps
Uranium	238-1	783	683	650	706	9.83	cps
Vanadium	51-2	52125	52048	51757	51977	0.37	cps
Yttrium	89-1	8081870	8079616	7927411	8029632	1.10	cps
Yttrium	89-2	1113874	1139385	1135250	1129503	1.21	cps
Zinc	66-2	11061	11121	11014	11065	0.48	cps
Zirconium	90-1	975	1050	950	992	5.25	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	I3943-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDC79S	Dilution Factor :	20
Date & Time Acquired ::	2017-07-13 13:54:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	183	200	186	6.84	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3396652	3426104	3426967	3416574	0.51	cps
Antimony	121-1	4226156	4232999	4235203	4231453	0.11	cps
Arsenic	75-2	130919	131144	132424	131496	0.62	cps
Barium	135-1	5432595	5428973	5475237	5445602	0.47	cps
Barium	137-1	9354861	9382953	9337805	9358539	0.24	cps
Beryllium	9-1	660676	657727	665683	661362	0.61	cps
Bismuth	209-1	5892662	5971034	5945462	5936386	0.67	cps
Bismuth	209-2	3618576	3708147	3639339	3655354	1.28	cps
Boron	10-1	73436	74651	73571	73886	0.90	cps
Boron	11-1	352054	352575	364671	356433	2.00	cps
Cadmium	111-1	949153	949264	949969	949462	0.05	cps
Cadmium	106-1	106397	106675	107320	106798	0.44	cps
Cadmium	108-1	70592	68046	69788	69475	1.87	cps
Calcium	43-1	5835448	5862953	5949615	5882672	1.01	cps
Calcium	44-1	94244108	94604402	94909804	94586105	0.35	cps
Chromium	52-2	1118204	1130509	1134952	1127888	0.77	cps
Cobalt	59-2	1747206	1758787	1762315	1756103	0.45	cps
Copper	63-2	2418007	2435849	2445339	2433065	0.57	cps
Dysprosium	156-1	142	175	192	169	15.03	cps
Dysprosium	156-2	63	63	80	69	13.97	cps
Erbium	164-1	58	92	25	58	57.14	cps
Erbium	164-2	37	40	27	34	20.14	cps
Gadolinium	160-1	125	100	100	108	13.33	cps
Gadolinium	160-2	100	110	110	107	5.41	cps
Holmium	165-1	9676381	9772856	9669562	9706266	0.60	cps
Holmium	165-2	5016372	5100518	5033509	5050133	0.88	cps
Indium	115-1	7511115	7512529	7411194	7478279	0.78	cps
Indium	115-2	1490278	1505503	1505738	1500506	0.59	cps
Iron	56-2	223841822	227488594	225281744	225537387	0.81	cps
Iron	57-2	5620227	5590748	5601468	5604148	0.27	cps
Lead	206-1	3271059	3272224	3310946	3284743	0.69	cps
Lead	207-1	3005408	3006006	3023473	3011629	0.34	cps
Lead	208-1	13482970	13478911	13624582	13528821	0.61	cps
Lithium	6-1	1567667	1585631	1562138	1571812	0.78	cps
Magnesium	24-2	38307633	38463969	38461708	38411103	0.23	cps
Manganese	55-2	1285251	1300775	1304233	1296753	0.78	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3685289	3670718	3697039	3684349	0.36	cps
Molybdenum	95-1	2046396	2034490	2049664	2043517	0.39	cps
Molybdenum	96-1	2618968	2613252	2620010	2617410	0.14	cps
Molybdenum	97-1	1272736	1270153	1281734	1274874	0.48	cps
Molybdenum	98-1	3304129	3302578	3315051	3307253	0.21	cps
Neodymium	150-1	440	573	453	489	15.02	cps
Neodymium	150-2	77	73	73	74	2.58	cps
Nickel	60-2	455855	458002	458237	457365	0.29	cps
Phosphorus	31-2	35259	35744	36797	35933	2.19	cps
Potassium	39-2	20565387	20664542	20732449	20654126	0.41	cps
Rhodium	103-1	6300694	6361495	6333461	6331884	0.48	cps
Rhodium	103-2	2937181	2988454	2963028	2962888	0.87	cps
Scandium	45-1	4460325	4448659	4454150	4454378	0.13	cps
Scandium	45-2	192104	193307	189770	191727	0.94	cps
Selenium	77-2	2654	2640	2690	2661	0.97	cps
Selenium	78-2	9177	9096	9364	9212	1.50	cps
Selenium	82-1	58445	58021	58253	58240	0.37	cps
Silicon	28-1	2746478	2750776	2777766	2758340	0.61	cps
Silver	109-1	4567880	4541687	4564365	4557977	0.31	cps
Silver	107-1	4711369	4714506	4736153	4720676	0.29	cps
Sodium	23-2	72930997	72724147	72580175	72745106	0.24	cps
Strontium	86-1	1380910	1369749	1376540	1375733	0.41	cps
Strontium	88-1	12036113	12016398	12106879	12053130	0.39	cps
Sulfur	34-1	618236	608608	617086	614643	0.86	cps
Terbium	159-1	10116658	10238850	10234034	10196514	0.68	cps
Terbium	159-2	5013755	5113531	5044273	5057186	1.01	cps
Thallium	203-1	4013846	4043845	4077215	4044969	0.78	cps
Thallium	205-1	9462190	9576262	9649527	9562660	0.99	cps
Tin	118-1	3457018	3480853	3451459	3463110	0.45	cps
Titanium	47-1	546545	548356	556456	550452	0.96	cps
Uranium	238-1	14513579	14599114	14634424	14582373	0.43	cps
Vanadium	51-2	932687	935738	942011	936812	0.51	cps
Yttrium	89-1	7757289	7847256	7720765	7775103	0.84	cps
Yttrium	89-2	1128432	1154135	1142768	1141778	1.13	cps
Zinc	66-2	339221	340084	339957	339754	0.14	cps
Zirconium	90-1	6904173	6948222	6976067	6942821	0.52	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 13:58:06	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525792	1514542	1523151	1521162	0.39	cps

LB Number : LB88709 Operator : Jaswal
 Lab Sample ID : CCB010 Instrumnet Name : P7
 Client Sample ID : CCB010 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-13 14:10:18 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	25	61	61.49	cps
Antimony	121-1	1408	1400	1525	1445	4.84	cps
Arsenic	75-2	13	7	22	14	52.70	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	17	50	58	42	52.91	cps
Beryllium	9-1	178	278	250	235	21.95	cps
Bismuth	209-1	6691863	6827485	6698621	6739323	1.13	cps
Bismuth	209-2	4023832	3933198	4103411	4020147	2.12	cps
Boron	10-1	975	975	958	970	0.99	cps
Boron	11-1	4601	4242	4684	4509	5.21	cps
Cadmium	111-1	1839	1881	1770	1830	3.06	cps
Cadmium	106-1	2625	2684	2534	2614	2.89	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	142	175	167	161	10.77	cps
Calcium	44-1	5585	5493	5318	5465	2.48	cps
Chromium	52-2	393	413	497	434	12.61	cps
Cobalt	59-2	110	50	117	92	39.81	cps
Copper	63-2	800	767	843	803	4.79	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	67	33	83	61	41.67	cps
Gadolinium	160-2	67	67	100	78	24.74	cps
Holmium	165-1	10050152	10159434	10057320	10088968	0.61	cps
Holmium	165-2	5103059	4986066	5150818	5079981	1.67	cps
Indium	115-1	7977414	8086682	8027935	8030677	0.68	cps
Indium	115-2	1554871	1524082	1565918	1548290	1.40	cps
Iron	56-2	7530	7447	7191	7389	2.39	cps
Iron	57-2	344	333	283	320	10.16	cps
Lead	206-1	939	1022	961	974	4.43	cps
Lead	207-1	950	878	956	928	4.68	cps
Lead	208-1	3989	3978	3911	3960	1.06	cps
Lithium	6-1	1667608	1677124	1662109	1668947	0.46	cps
Magnesium	24-2	1433	1742	1717	1631	10.50	cps
Manganese	55-2	213	273	233	240	12.73	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 14:10:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	758	600	642	15.96	cps
Molybdenum	95-1	208	242	192	214	11.90	cps
Molybdenum	96-1	283	267	267	272	3.54	cps
Molybdenum	97-1	183	217	192	197	8.80	cps
Molybdenum	98-1	342	342	400	361	9.33	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	727	707	707	713	1.62	cps
Phosphorus	31-2	192	192	142	175	16.50	cps
Potassium	39-2	28027	27518	28044	27863	1.07	cps
Rhodium	103-1	6941393	7013043	6935284	6963240	0.62	cps
Rhodium	103-2	3188047	3131354	3218024	3179141	1.38	cps
Scandium	45-1	4421064	4504346	4453828	4459746	0.94	cps
Scandium	45-2	184337	181615	187496	184483	1.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	52	80	57	63	23.35	cps
Selenium	82-1	-5	-39	-51	-32	-74.49	cps
Silicon	28-1	250441	249660	251480	250527	0.36	cps
Silver	109-1	217	167	225	203	15.56	cps
Silver	107-1	233	175	233	214	15.75	cps
Sodium	23-2	13723	13715	13940	13793	0.93	cps
Strontium	86-1	1408	1408	1584	1467	6.89	cps
Strontium	88-1	275	250	250	258	5.59	cps
Sulfur	34-1	269080	264830	269888	267933	1.01	cps
Terbium	159-1	10565214	10712795	10540948	10606319	0.88	cps
Terbium	159-2	5105207	4989451	5132490	5075716	1.50	cps
Thallium	203-1	200	317	250	256	22.91	cps
Thallium	205-1	742	775	633	717	10.34	cps
Tin	118-1	1734	1842	1792	1789	3.03	cps
Titanium	47-1	133	92	183	136	33.72	cps
Uranium	238-1	83	58	58	67	21.65	cps
Vanadium	51-2	7	23	10	13	66.12	cps
Yttrium	89-1	7860648	8058868	7928606	7949374	1.27	cps
Yttrium	89-2	1124793	1099001	1136792	1120195	1.72	cps
Zinc	66-2	140	130	110	127	12.06	cps
Zirconium	90-1	1659	1567	1308	1511	12.01	cps

LB Number :	LB88709	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired ::	2017-07-13 14:10:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	308	275	306	9.58	cps