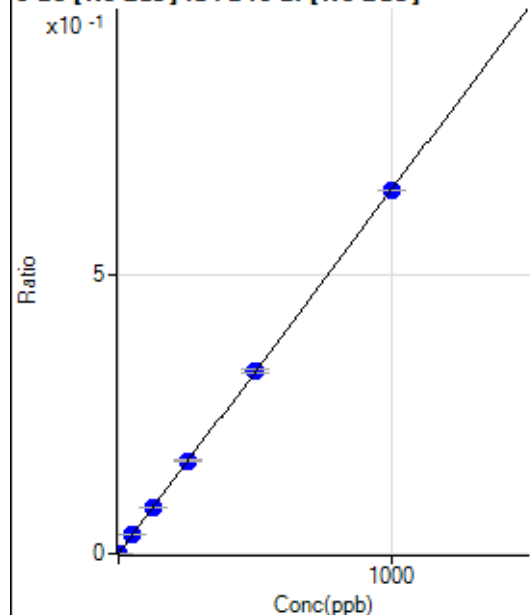


Batch Folder: D:\ICP-MS Data\P7072417-ICPMS.b\
Analysis File: P7072417-ICPMS.batch.bin
DA Date-Time: 2017-07-24 15:34:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-24 15:02:40
2			
3	005CALS.d	S02	2017-07-24 15:10:16
4	006CALS.d	S03	2017-07-24 15:14:04
5	007CALS.d	S04	2017-07-24 15:17:53
6	008CALS.d	S05	2017-07-24 15:21:38
7	009CALS.d	S06	2017-07-24 15:25:20
8	010CALS.d	S07	2017-07-24 15:28:57
9	011CALS.d	S08	2017-07-24 15:32:29

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	309.27	0.0002	P	19.6
2	☐	0.100					
3	☐	1.000	0.832	1181.56	0.0007	P	6.9
4	☐	50.000	50.529	52923.99	0.0331	P	1.7
5	☐	125.000	127.434	131026.87	0.0833	P	1.3
6	☐	250.000	255.984	261667.23	0.1671	P	0.8
7	☐	500.000	501.949	520053.31	0.3274	P	1.4
8	☐	1000.000	997.199	1020880.22	0.6502	P	0.1
9	☐			1142.67	0.0007	P	6.5

$$y = 6.5179\text{E-}004 * x + 2.0556\text{E-}004$$

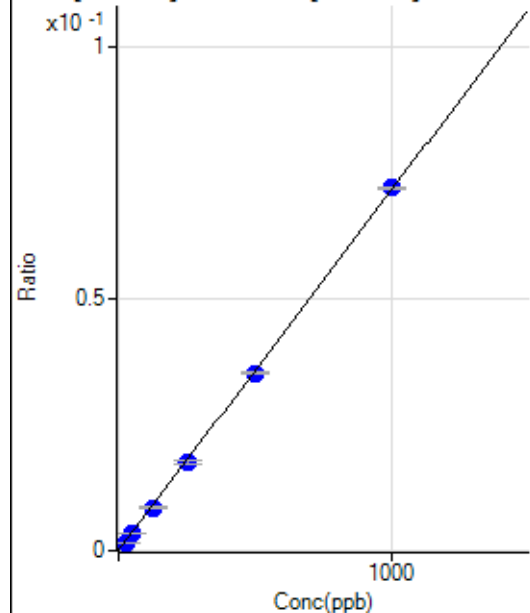
$$R = 1.0000$$

$$DL = 0.1858$$

$$BEC = 0.3154$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0001	P	5.2
2	☐	2.500					
3	☐	25.000	21.484	2536.43	0.0016	P	1.3
4	☐	50.000	46.388	5409.52	0.0034	P	4.7
5	☐	125.000	117.931	13384.24	0.0085	P	5.0
6	☐	250.000	246.122	27684.51	0.0177	P	4.0
7	☐	500.000	492.149	56054.54	0.0353	P	1.2
8	☐	1000.000	1006.047	113142.71	0.0721	P	0.6
9	☐			6195.99	0.0040	P	5.5

$$y = 7.1556\text{E-}005 * x + 6.8340\text{E-}005$$

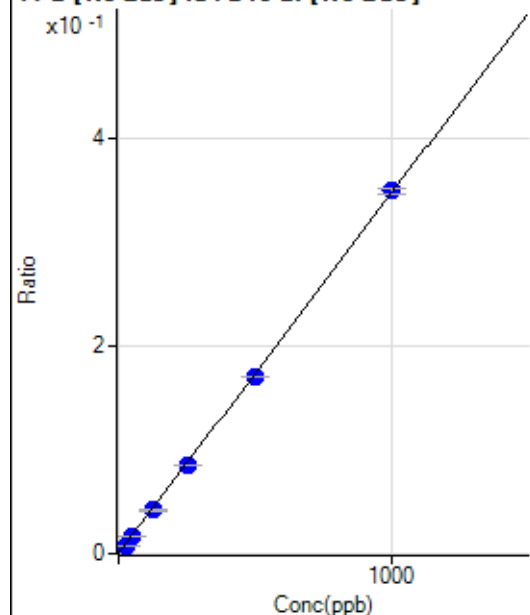
$$R = 0.9999$$

$$DL = 0.1493$$

$$BEC = 0.9551$$

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	516.70	0.0003	P	7.6
2	☐	2.500					
3	☐	25.000	21.030	12041.36	0.0076	P	2.2
4	☐	50.000	47.635	26874.71	0.0168	P	0.2
5	☐	125.000	119.968	65868.93	0.0419	P	2.9
6	☐	250.000	244.487	133048.36	0.0850	P	1.6
7	☐	500.000	491.875	271004.15	0.1706	P	0.4
8	☐	1000.000	1006.287	547361.81	0.3486	P	1.4
9	☐			30317.54	0.0196	P	6.1

$$y = 3.4608\text{E-}004 * x + 3.4359\text{E-}004$$

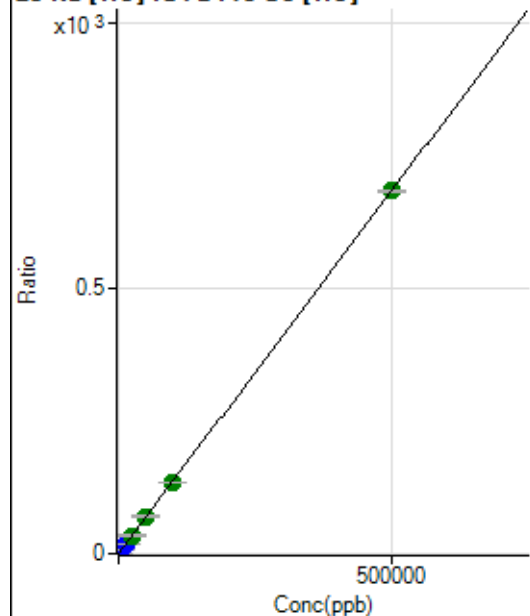
$$R = 0.9999$$

$$DL = 0.2259$$

$$BEC = 0.9928$$

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	10637.50	0.0613	P	3.3
2	☐	50.000					
3	☐	500.000	474.891	133209.61	0.7111	P	0.9
4	☐	5000.000	5155.227	1324035.32	7.1158	P	0.6
5	☐	12500.000	13020.788	3333849.08	17.8793	P	2.2
6	☐	25000.000	25026.081	6369273.45	34.3077	A	1.5
7	☐	50000.000	51088.194	13072736.14	69.9719	A	3.6
8	☐	100000.00	98798.431	26071055.10	135.2599	A	0.5
9	☐	500000.00	500115.64	135605843.3	684.4342	A	0.3

$$y = 0.0014 * x + 0.0613$$

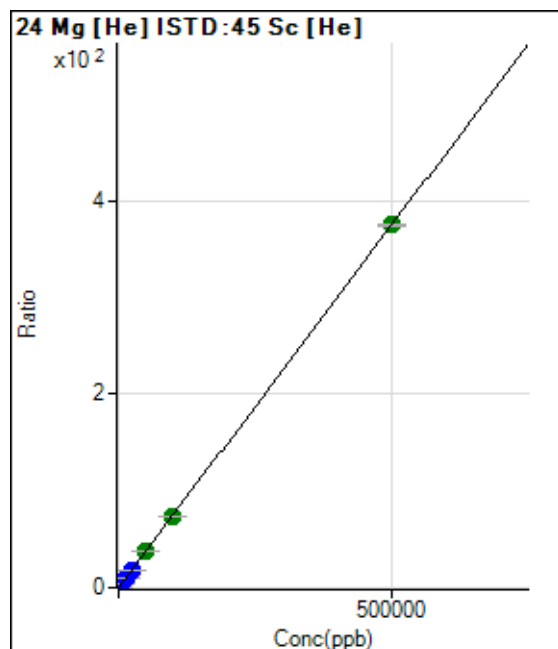
$$R = 1.0000$$

$$DL = 4.417$$

$$BEC = 44.77$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3069.90	0.0177	P	3.6
2	☐	50.000					
3	☐	500.000	444.403	65596.96	0.3502	P	2.3
4	☐	5000.000	5039.051	704886.74	3.7883	P	0.6
5	☐	12500.000	12632.943	1766030.18	9.4707	P	1.8
6	☐	25000.000	24729.641	3438907.41	18.5224	P	0.4
7	☐	50000.000	50098.178	7006794.08	37.5053	A	3.8
8	☐	100000.00	97353.900	14044411.08	72.8659	A	1.0
9	☐	500000.00	500529.26	74209496.10	374.5550	A	0.2

$$y = 7.4828\text{E-}004 * x + 0.0177$$

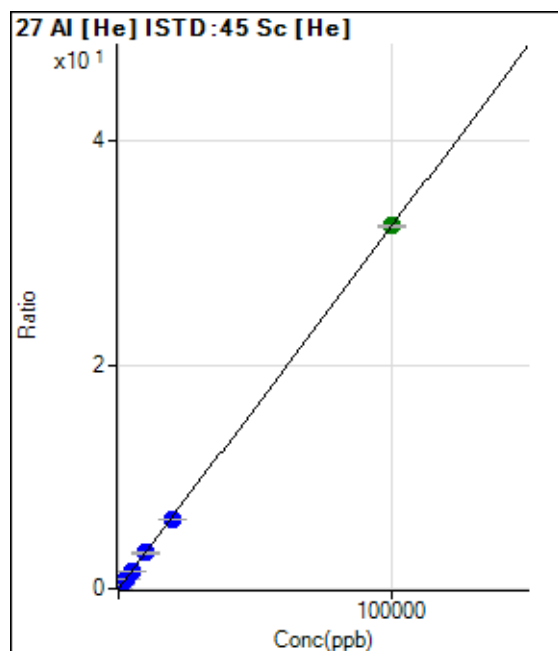
$$R = 1.0000$$

$$DL = 2.558$$

$$BEC = 23.62$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0006	P	25.5
2	☐	2.000					
3	☐	20.000	18.128	1202.88	0.0064	P	8.2
4	☐	1000.000	988.039	59555.66	0.3201	P	1.2
5	☐	2500.000	2492.325	150385.39	0.8065	P	2.2
6	☐	5000.000	4851.685	291389.40	1.5695	P	0.6
7	☐	10000.000	9934.445	600245.85	3.2131	P	4.0
8	☐	20000.000	19278.022	1201707.97	6.2346	P	0.5
9	☐	100000.00	100158.67	6417109.73	32.3895	A	0.8

$$y = 3.2338\text{E-}004 * x + 5.5940\text{E-}004$$

$$R = 1.0000$$

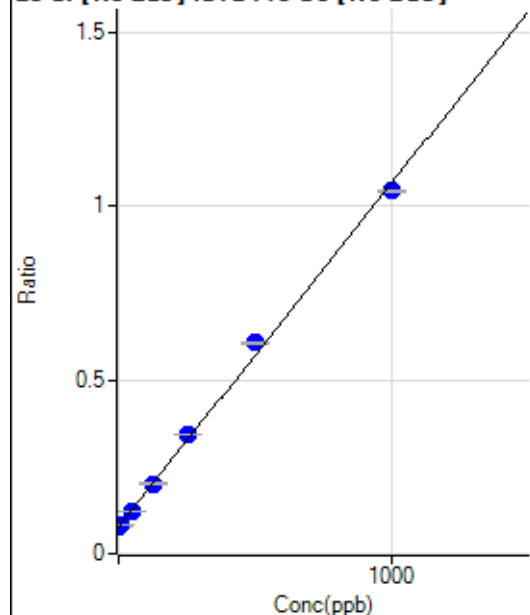
$$DL = 1.325$$

$$BEC = 1.73$$

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	303591.34	0.0774	P	1.4
2	☐	1.000					
3	☐	10.000	5.024	333330.21	0.0823	P	2.4
4	☐	50.000	46.349	508771.16	0.1232	P	0.5
5	☐	125.000	125.120	824720.36	0.2010	P	2.3
6	☐	250.000	268.314	1375766.00	0.3425	P	0.4
7	☐	500.000	535.825	2509472.10	0.6067	P	1.2
8	☐	1000.000	977.726	4334303.01	1.0433	P	0.4
9	☐			433154.94	0.1048	P	2.0

$$y = 9.8799\text{E-}004 * x + 0.0774$$

$$R = 0.9987$$

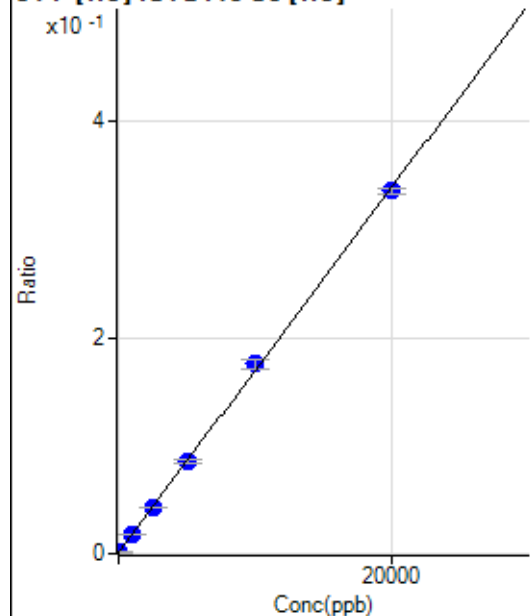
$$DL = 3.367$$

$$BEC = 78.3$$

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	-8.639	113.89	0.0007	P	34.8
2	☐	0.000					
3	☐	0.000	8.639	177.79	0.0009	P	26.9
4	☐	1000.000	984.142	3244.94	0.0174	P	1.0
5	☐	2500.000	2513.097	8071.92	0.0433	P	1.4
6	☐	5000.000	5009.930	15872.94	0.0855	P	3.5
7	☐	10000.000	10347.684	32817.65	0.1757	P	5.2
8	☐	20000.000	19822.831	64738.48	0.3359	P	1.4
9	☐			186.12	0.0009	P	4.8

$$y = 1.6904\text{E-}005 * x + 8.0326\text{E-}004$$

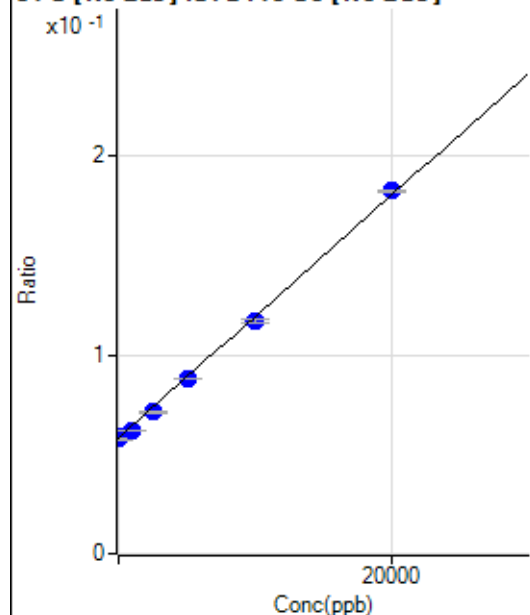
$$R = 0.9998$$

$$DL = 42.93$$

$$BEC = 47.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	127.295	232105.10	0.0591	P	2.1
2	☐	0.000					
3	☐	0.000	-127.295	233203.43	0.0576	P	2.6
4	☐	1000.000	524.457	254356.28	0.0616	P	0.6
5	☐	2500.000	2083.886	291733.45	0.0711	P	1.3
6	☐	5000.000	4811.419	352436.65	0.0877	P	0.3
7	☐	10000.000	9600.213	483641.74	0.1169	P	1.6
8	☐	20000.000	20322.830	757560.77	0.1824	P	0.2
9	☐			227737.37	0.0551	P	1.1

$$y = 6.1010\text{E-}006 * x + 0.0584$$

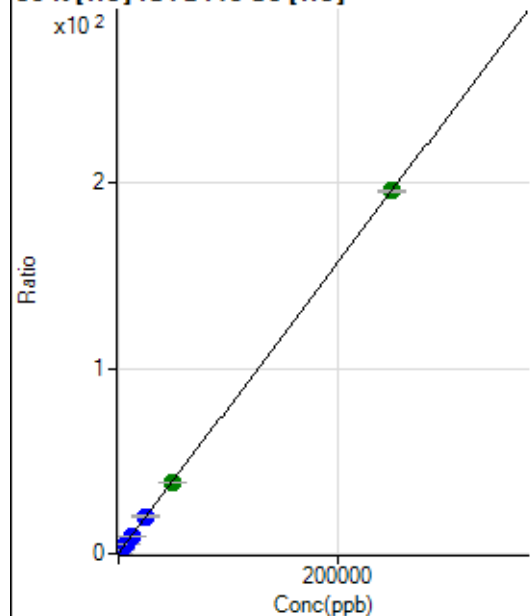
$$R = 0.9994$$

$$DL = 675$$

$$BEC = 9567$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27721.39	0.1596	P	3.2
2	☐	50.000					
3	☐	500.000	432.970	93247.79	0.4978	P	1.4
4	☐	2500.000	2488.572	391360.55	2.1033	P	0.3
5	☐	6250.000	6287.829	945572.86	5.0707	P	1.6
6	☐	12500.000	12337.680	1818693.53	9.7958	P	0.6
7	☐	25000.000	25369.712	3731652.64	19.9743	P	3.7
8	☐	50000.000	49258.641	7446316.23	38.6324	A	0.4
9	☐	250000.00	250118.71	38735852.60	195.5114	A	0.4

$$y = 7.8104\text{E-}004 * x + 0.1596$$

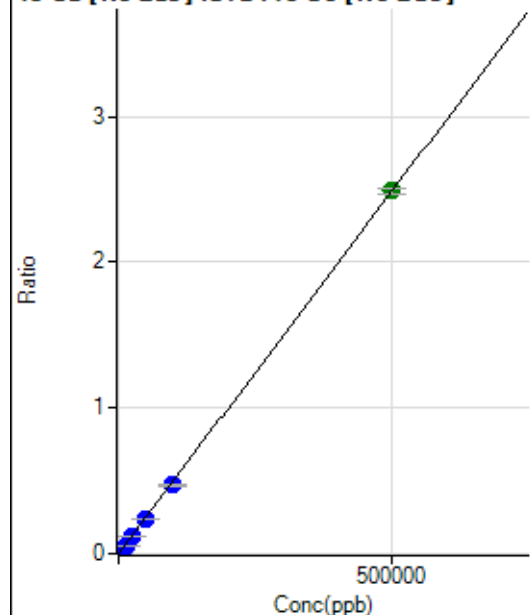
$$R = 1.0000$$

$$DL = 19.33$$

$$BEC = 204.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.35	0.0001	P	17.4
2	☐	50.000					
3	☐	500.000	428.232	8844.68	0.0022	P	1.6
4	☐	5000.000	4688.134	96341.09	0.0233	P	0.7
5	☐	12500.000	11720.507	238874.45	0.0582	P	2.4
6	☐	25000.000	24027.819	479188.83	0.1193	P	0.3
7	☐	50000.000	46995.833	964640.06	0.2332	P	1.2
8	☐	100000.00	94396.067	1945913.17	0.4684	P	0.4
9	☐	500000.00	501492.49	10283366.46	2.4883	A	1.4

$$y = 4.9616E-006 * x + 5.9355E-005$$

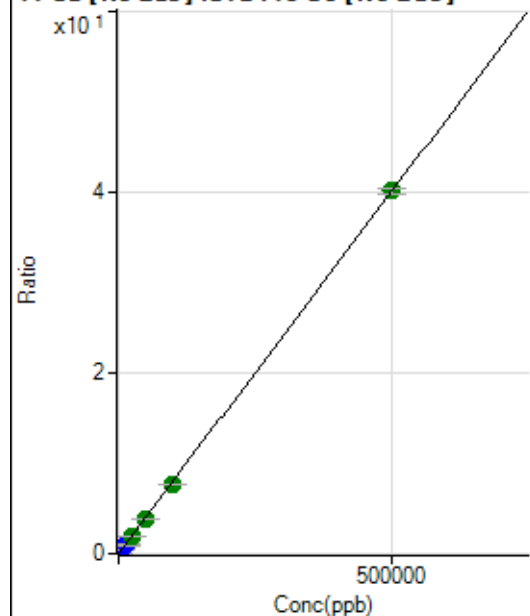
$$R = 0.9999$$

$$DL = 6.251$$

$$BEC = 11.96$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7035.32	0.0018	P	4.0
2	☐	50.000					
3	☐	500.000	434.756	148362.39	0.0366	P	2.4
4	☐	5000.000	4750.451	1580421.25	0.3826	P	0.4
5	☐	12500.000	12054.874	3972500.61	0.9680	P	2.1
6	☐	25000.000	24451.449	7881161.03	1.9617	A	0.5
7	☐	50000.000	47579.778	15780323.44	3.8155	A	1.4
8	☐	100000.00	95583.551	31834540.64	7.6632	A	0.4
9	☐	500000.00	501166.42	166021237.0	40.1723	A	1.4

$$y = 8.0154E-005 * x + 0.0018$$

$$R = 1.0000$$

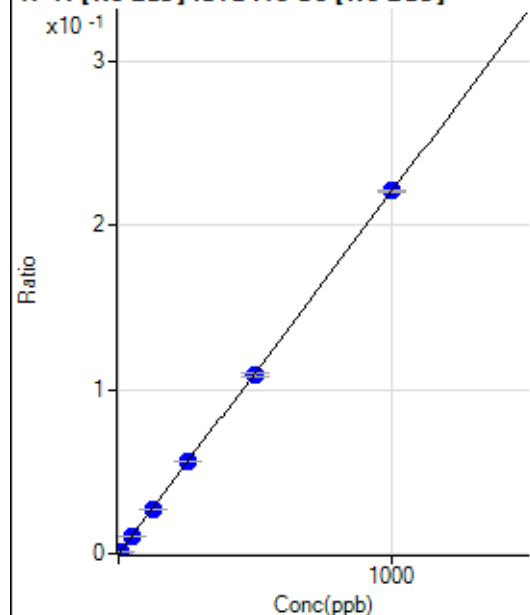
$$DL = 2.661$$

$$BEC = 22.36$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.4
2	☐	0.500					
3	☐	5.000	4.534	4122.97	0.0010	P	5.2
4	☐	50.000	48.962	44721.77	0.0108	P	1.4
5	☐	125.000	123.129	111617.73	0.0272	P	1.3
6	☐	250.000	255.386	226561.67	0.0564	P	1.4
7	☐	500.000	493.431	450546.99	0.1089	P	1.4
8	☐	1000.000	1002.226	919109.77	0.2212	P	0.7
9	☐			1714.06	0.0004	P	4.5

$$y = 2.2074\text{E-}004 * x + 1.7703\text{E-}005$$

$$R = 0.9999$$

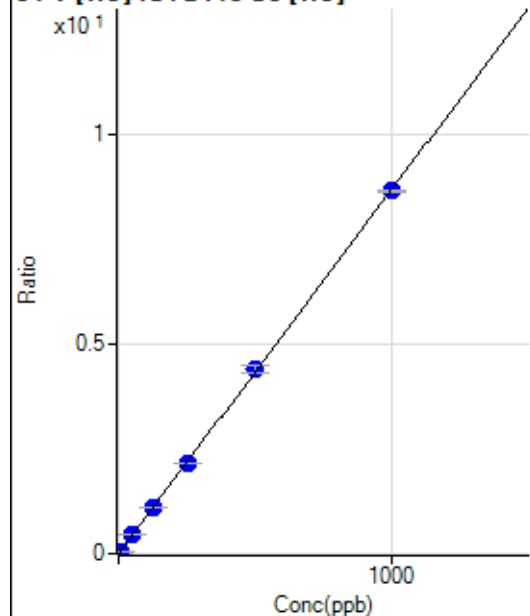
$$DL = 0.06103$$

$$BEC = 0.0802$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	98.9
2	☐	0.500					
3	☐	5.000	4.572	7450.90	0.0398	P	2.7
4	☐	50.000	50.653	81909.12	0.4402	P	0.9
5	☐	125.000	126.580	205139.33	1.1000	P	1.3
6	☐	250.000	246.631	397914.38	2.1432	P	0.6
7	☐	500.000	506.984	823095.03	4.4057	P	3.6
8	☐	1000.000	997.122	1670132.44	8.6649	P	0.7
9	☐			1153.40	0.0058	P	6.9

$$y = 0.0087 * x + 4.4751\text{E-}005$$

$$R = 1.0000$$

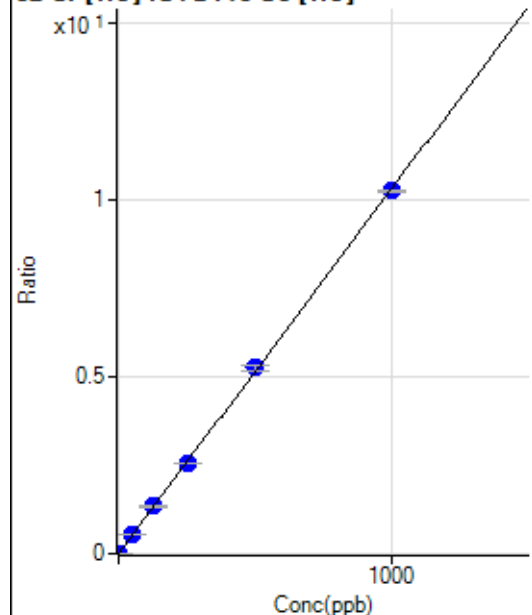
$$DL = 0.01528$$

$$BEC = 0.00515$$

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	415.57	0.0024	P	6.8
2	☐	0.200					
3	☐	2.000	1.987	4282.92	0.0229	P	1.3
4	☐	50.000	51.621	99376.48	0.5341	P	0.2
5	☐	125.000	129.283	248760.89	1.3340	P	1.5
6	☐	250.000	248.694	476009.27	2.5639	P	0.5
7	☐	500.000	509.712	981271.13	5.2523	P	3.6
8	☐	1000.000	994.854	1975463.16	10.2490	P	0.8
9	☐			60368.77	0.3047	P	0.7

$$y = 0.0103 * x + 0.0024$$

$$R = 0.9999$$

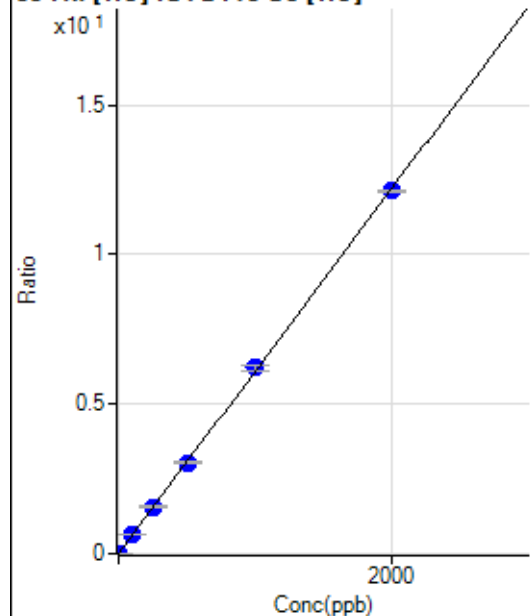
$$DL = 0.04736$$

$$BEC = 0.2324$$

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	663.36	0.0038	P	4.4
2	☐	0.100					
3	☐	1.000	0.833	1665.68	0.0089	P	4.9
4	☐	100.000	102.815	117240.07	0.6301	P	0.6
5	☐	250.000	257.189	292837.62	1.5704	P	1.9
6	☐	500.000	499.620	565715.31	3.0471	P	0.9
7	☐	1000.000	1019.693	1161112.60	6.2149	P	3.6
8	☐	2000.000	1989.209	2336172.27	12.1203	P	0.7
9	☐			13291.75	0.0671	P	0.9

$$y = 0.0061 * x + 0.0038$$

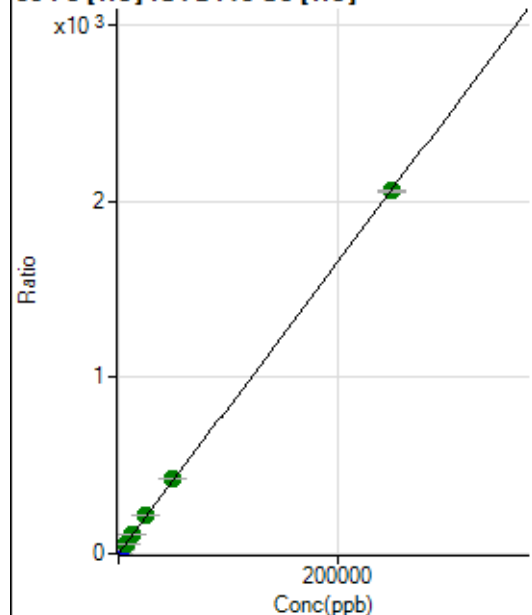
$$R = 0.9999$$

$$DL = 0.08247$$

$$BEC = 0.6273$$

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	5484.53	0.0316	P	2.7
2	☐	5.000					
3	☐	50.000	48.317	80667.05	0.4306	P	2.1
4	☐	2500.000	2732.604	4205310.14	22.6008	P	0.4
5	☐	6250.000	6722.289	10359761.11	55.5525	A	1.4
6	☐	12500.000	13040.638	20002742.81	107.7372	A	1.3
7	☐	25000.000	26505.661	40903480.55	218.9480	A	3.8
8	☐	50000.000	51483.572	81964733.32	425.2464	A	0.7
9	☐	250000.00	249511.55	408308175.7	2,060.805	A	0.4

$$y = 0.0083 * x + 0.0316$$

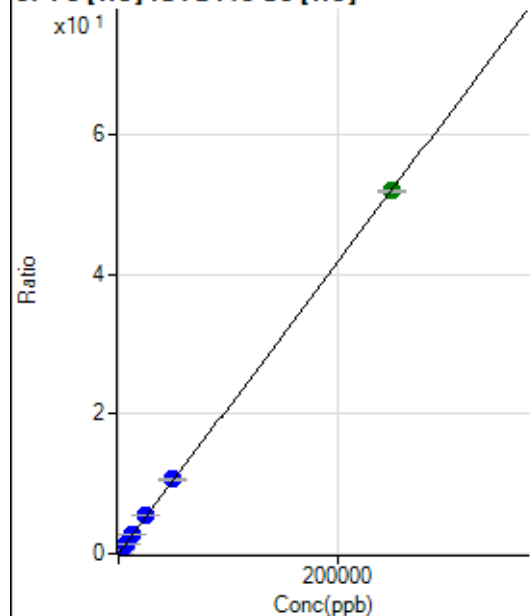
$$R = 1.0000$$

$$DL = 0.3095$$

$$BEC = 3.824$$

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	233.34	0.0013	P	32.5
2	☐	5.000					
3	☐	50.000	47.503	2102.07	0.0112	P	4.4
4	☐	2500.000	2659.168	103167.87	0.5544	P	0.6
5	☐	6250.000	6654.330	258367.09	1.3854	P	1.4
6	☐	12500.000	12996.833	502162.06	2.7047	P	0.4
7	☐	25000.000	26298.032	1022151.40	5.4713	P	3.8
8	☐	50000.000	51052.912	2047032.85	10.6204	P	0.7
9	☐	250000.00	249623.07	10287215.50	51.9230	A	0.4

$$y = 2.0800E-004 * x + 0.0013$$

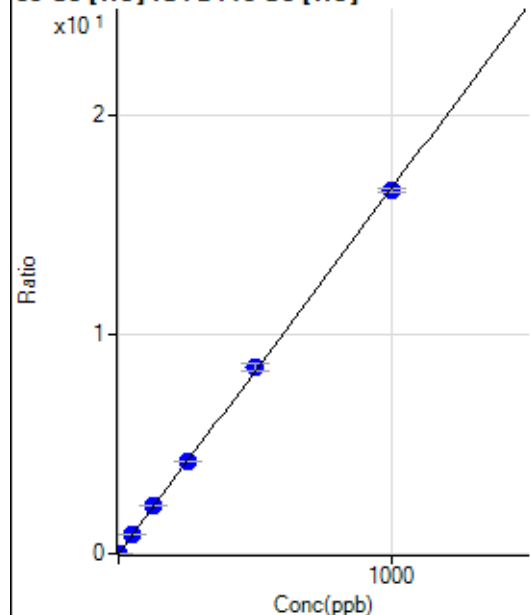
$$R = 1.0000$$

$$DL = 6.296$$

$$BEC = 6.451$$

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	173.34	0.0010	P	18.3
2	☐	0.100					
3	☐	1.000	0.939	3122.60	0.0167	P	6.4
4	☐	50.000	51.951	161535.88	0.8682	P	0.9
5	☐	125.000	129.872	404450.76	2.1688	P	1.4
6	☐	250.000	252.763	783505.87	4.2201	P	0.6
7	☐	500.000	510.869	1593380.43	8.5284	P	3.5
8	☐	1000.000	993.168	3195485.26	16.5789	P	1.0
9	☐			5846.81	0.0295	P	0.6

$$y = 0.0167 * x + 9.9702E-004$$

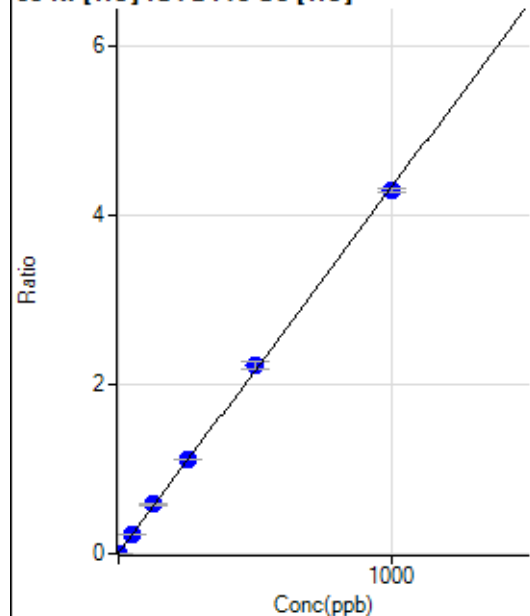
$$R = 0.9999$$

$$DL = 0.0328$$

$$BEC = 0.05973$$

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	1148.96	0.0066	P	3.2
2	☐	0.100					
3	☐	1.000	1.024	2069.07	0.0110	P	1.4
4	☐	50.000	52.850	43747.50	0.2351	P	1.6
5	☐	125.000	132.960	108434.73	0.5815	P	1.7
6	☐	250.000	255.373	206225.22	1.1108	P	0.4
7	☐	500.000	514.693	416975.19	2.2320	P	3.8
8	☐	1000.000	990.173	826439.48	4.2878	P	1.1
9	☐			15822.06	0.0799	P	1.5

$$y = 0.0043 * x + 0.0066$$

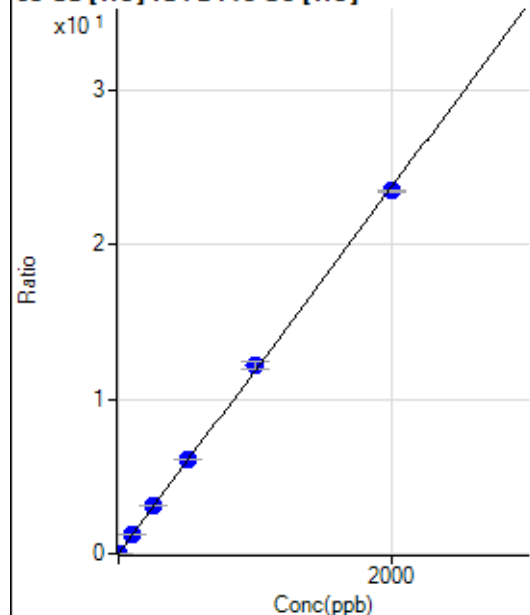
$$R = 0.9998$$

$$DL = 0.1467$$

$$BEC = 1.531$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1364.53	0.0079	P	5.6
2	☐	0.200					
3	☐	2.000	2.184	6320.34	0.0337	P	3.7
4	☐	100.000	106.012	235294.46	1.2646	P	0.8
5	☐	250.000	264.298	585732.70	3.1409	P	1.5
6	☐	500.000	511.181	1126513.19	6.0676	P	0.6
7	☐	1000.000	1029.903	2282433.53	12.2167	P	3.6
8	☐	2000.000	1980.165	4525952.57	23.4815	P	0.7
9	☐			11272.29	0.0569	P	0.3

$$y = 0.0119 * x + 0.0079$$

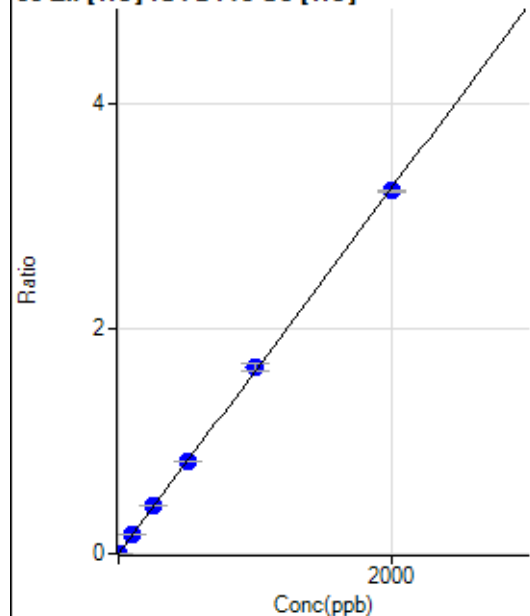
$$R = 0.9998$$

$$DL = 0.1112$$

$$BEC = 0.6631$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	123.34	0.0007	P	16.2
2	☐	0.200					
3	☐	2.000	1.977	733.36	0.0039	P	5.2
4	☐	100.000	105.261	31885.01	0.1714	P	1.0
5	☐	250.000	265.396	80368.55	0.4310	P	1.3
6	☐	500.000	507.501	152886.16	0.8235	P	0.1
7	☐	1000.000	1020.303	309185.27	1.6548	P	3.2
8	☐	2000.000	1985.786	620639.87	3.2200	P	0.6
9	☐			5306.60	0.0268	P	0.5

$$y = 0.0016 * x + 7.0981E-004$$

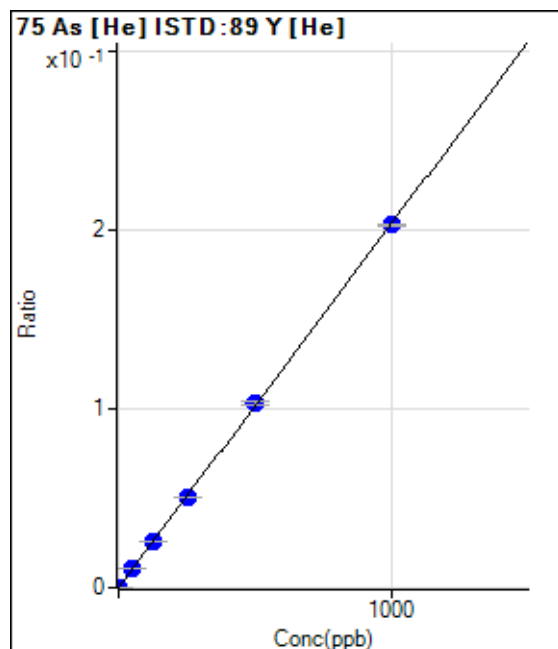
$$R = 0.9999$$

$$DL = 0.2128$$

$$BEC = 0.4378$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.966	243.83	0.0002	P	7.0
4	☐	50.000	50.750	11846.26	0.0103	P	1.0
5	☐	125.000	126.937	29786.09	0.0259	P	2.3
6	☐	250.000	250.090	57624.62	0.0509	P	0.4
7	☐	500.000	506.652	118644.23	0.1032	P	2.8
8	☐	1000.000	996.372	238690.92	0.2028	P	0.7
9	☐			166.05	0.0001	P	9.1

$$y = 2.0357\text{E-}004 * x + 1.4390\text{E-}005$$

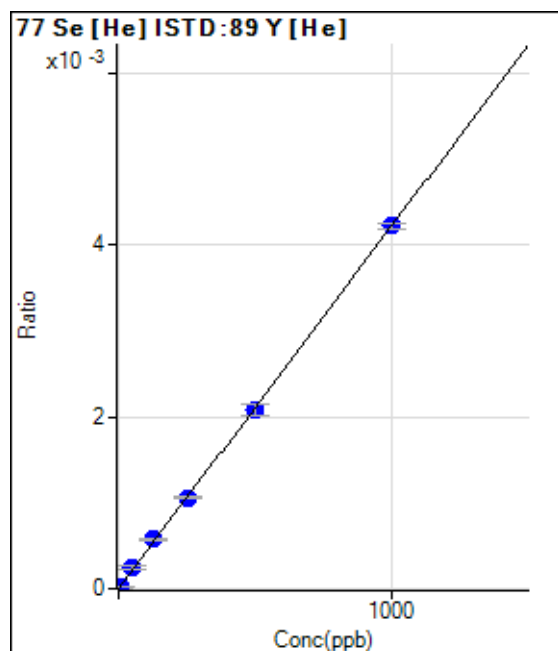
$$R = 1.0000$$

$$DL = 0.05317$$

$$BEC = 0.07069$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.997	25.56	0.0000	P	74.1
4	☐	50.000	58.125	282.23	0.0002	P	13.2
5	☐	125.000	135.070	657.81	0.0006	P	4.3
6	☐	250.000	251.276	1201.18	0.0011	P	2.6
7	☐	500.000	494.394	2400.24	0.0021	P	6.1
8	☐	1000.000	1000.819	4972.05	0.0042	P	1.4
9	☐			6.67	0.0000	P	50.2

$$y = 4.2209\text{E-}006 * x + 1.0356\text{E-}006$$

$$R = 0.9999$$

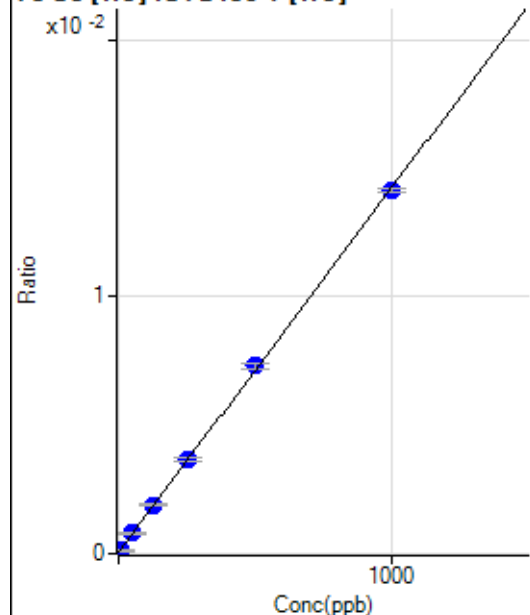
$$DL = 1.275$$

$$BEC = 0.2454$$

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	55.56	0.0001	P	14.6
2	☐	0.500					
3	☐	5.000	4.672	136.42	0.0001	P	14.1
4	☐	50.000	51.865	901.89	0.0008	P	2.3
5	☐	125.000	128.690	2163.76	0.0019	P	4.5
6	☐	250.000	254.269	4141.37	0.0037	P	2.8
7	☐	500.000	512.555	8424.12	0.0073	P	3.2
8	☐	1000.000	992.102	16626.26	0.0141	P	0.9
9	☐			73.46	0.0001	P	15.4

$$y = 1.4189\text{E-}005 * x + 5.1795\text{E-}005$$

$$R = 0.9999$$

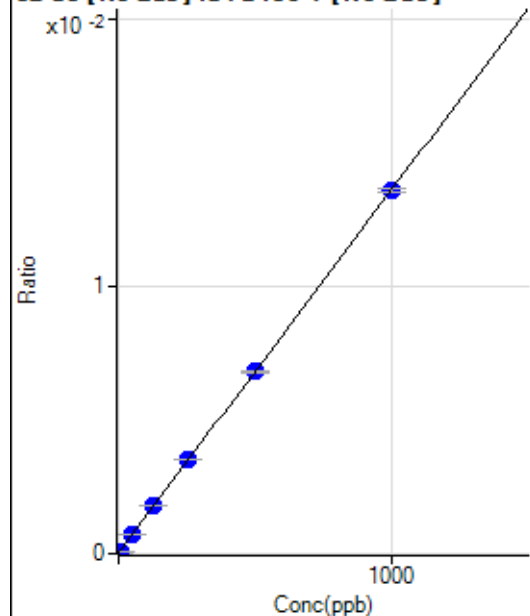
$$DL = 1.6$$

$$BEC = 3.65$$

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	232.07	0.0000	P	37.2
2	☐	0.500					
3	☐	5.000	4.811	742.10	0.0001	P	4.9
4	☐	50.000	51.291	5609.52	0.0007	P	3.6
5	☐	125.000	129.850	13671.29	0.0018	P	1.7
6	☐	250.000	258.031	26840.44	0.0035	P	0.7
7	☐	500.000	499.999	52581.99	0.0068	P	1.4
8	☐	1000.000	997.323	104537.01	0.0136	P	0.9
9	☐			463.11	0.0001	P	15.2

$$y = 1.3568\text{E-}005 * x + 3.2409\text{E-}005$$

$$R = 1.0000$$

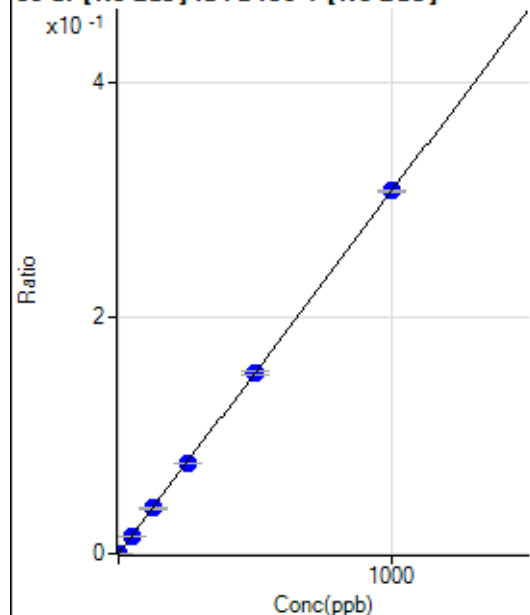
$$DL = 2.665$$

$$BEC = 2.389$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	913.96	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	0.930	3136.60	0.0004	P	4.3
4	☐	50.000	49.225	117483.36	0.0153	P	0.4
5	☐	125.000	124.504	292462.20	0.0384	P	2.6
6	☐	250.000	250.400	585477.36	0.0771	P	0.2
7	☐	500.000	497.400	1179970.37	0.1530	P	1.7
8	☐	1000.000	1001.301	2372273.69	0.3078	P	0.8
9	☐			80372.30	0.0108	P	1.2

$$y = 3.0728\text{E-}004 * x + 1.2746\text{E-}004$$

$$R = 1.0000$$

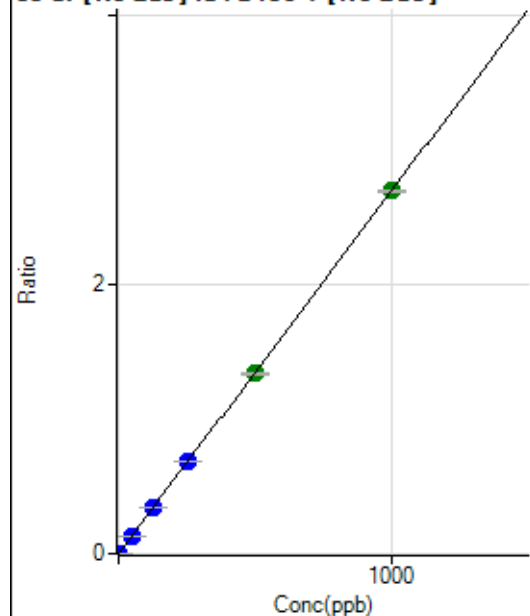
$$DL = 0.08969$$

$$BEC = 0.4148$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	877.85	0.0001	P	11.1
2	☐	0.100					
3	☐	1.000	0.953	20418.01	0.0027	P	3.1
4	☐	50.000	49.721	1032249.55	0.1340	P	0.4
5	☐	125.000	126.105	2588354.18	0.3397	P	2.4
6	☐	250.000	254.805	5213466.09	0.6863	P	0.5
7	☐	500.000	497.130	10328335.91	1.3389	A	1.1
8	☐	1000.000	1000.109	20758926.16	2.6934	A	0.9
9	☐			702716.38	0.0943	P	1.6

$$y = 0.0027 * x + 1.2230\text{E-}004$$

$$R = 1.0000$$

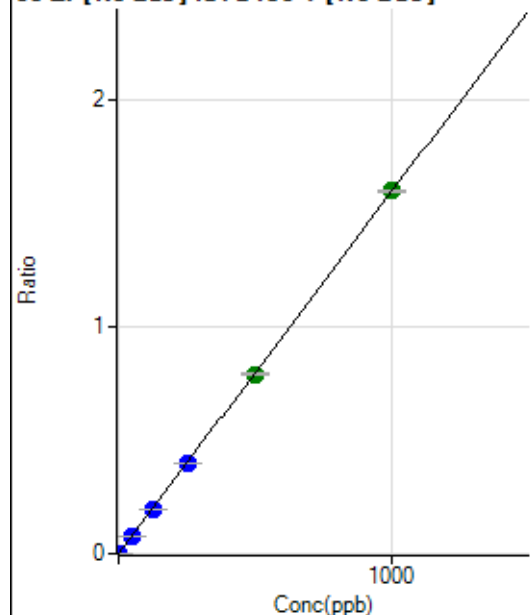
$$DL = 0.01508$$

$$BEC = 0.04541$$

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	402.80	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.905	11377.17	0.0015	P	2.4
4	☐	50.000	47.259	580324.49	0.0753	P	0.6
5	☐	125.000	121.630	1476813.49	0.1938	P	2.3
6	☐	250.000	248.523	3008166.04	0.3960	P	0.6
7	☐	500.000	495.842	6093843.02	0.7900	A	1.6
8	☐	1000.000	1003.007	12315698.71	1.5980	A	0.6
9	☐			4211.94	0.0006	P	7.1

$$y = 0.0016 * x + 5.6142E-005$$

$$R = 1.0000$$

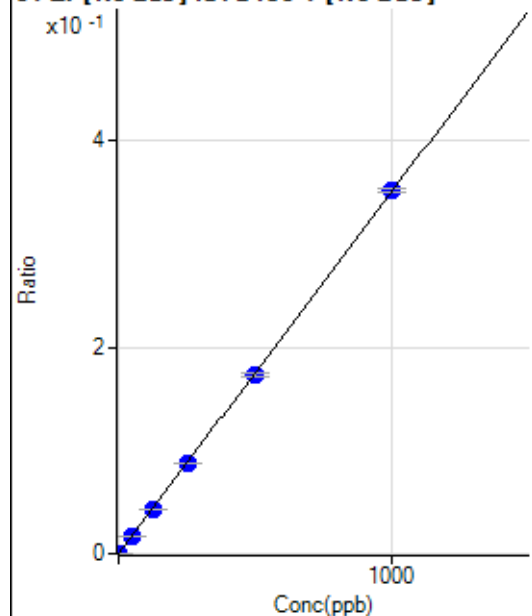
$$DL = 0.004551$$

$$BEC = 0.03524$$

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	108.34	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.901	2508.67	0.0003	P	5.5
4	☐	50.000	47.968	129373.92	0.0168	P	0.4
5	☐	125.000	121.651	324400.57	0.0426	P	2.0
6	☐	250.000	248.847	661544.55	0.0871	P	0.6
7	☐	500.000	494.990	1335959.20	0.1732	P	1.7
8	☐	1000.000	1003.313	2705369.38	0.3510	P	1.1
9	☐			1041.75	0.0001	P	6.2

$$y = 3.4986E-004 * x + 1.5092E-005$$

$$R = 1.0000$$

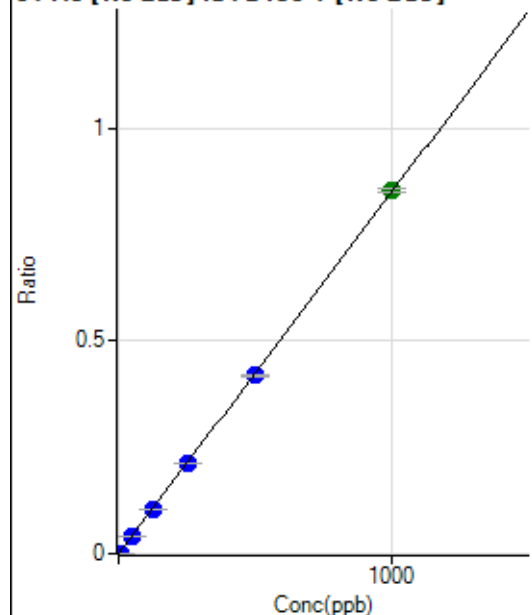
$$DL = 0.01878$$

$$BEC = 0.04314$$

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	205.57	0.0000	P	5.5
2	☐	0.500					
3	☐	5.000	2.076	13609.80	0.0018	P	6.2
4	☐	50.000	47.963	314278.94	0.0408	P	0.6
5	☐	125.000	121.704	788548.95	0.1035	P	2.1
6	☐	250.000	247.799	1600541.84	0.2107	P	0.2
7	☐	500.000	494.260	3241564.57	0.4202	P	1.3
8	☐	1000.000	1003.949	6577942.85	0.8535	A	1.2
9	☐			12561.64	0.0017	P	3.5

$$y = 8.5014\text{E-}004 * x + 2.8652\text{E-}005$$

$$R = 1.0000$$

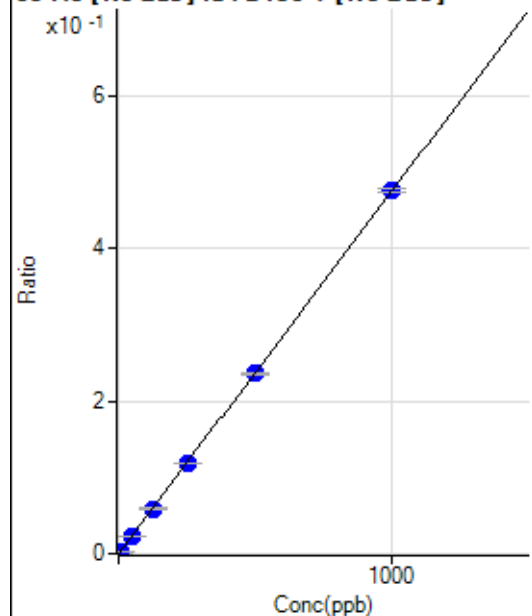
$$DL = 0.005563$$

$$BEC = 0.0337$$

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	86.12	0.0000	P	54.5
2	☐	0.500					
3	☐	5.000	4.533	16443.54	0.0022	P	3.1
4	☐	50.000	49.487	181106.93	0.0235	P	0.7
5	☐	125.000	124.259	449725.37	0.0590	P	2.0
6	☐	250.000	248.985	898401.09	0.1183	P	0.3
7	☐	500.000	496.712	1819796.83	0.2359	P	1.2
8	☐	1000.000	1002.018	3667528.42	0.4759	P	1.0
9	☐			18966.03	0.0025	P	0.2

$$y = 4.7491\text{E-}004 * x + 1.1976\text{E-}005$$

$$R = 1.0000$$

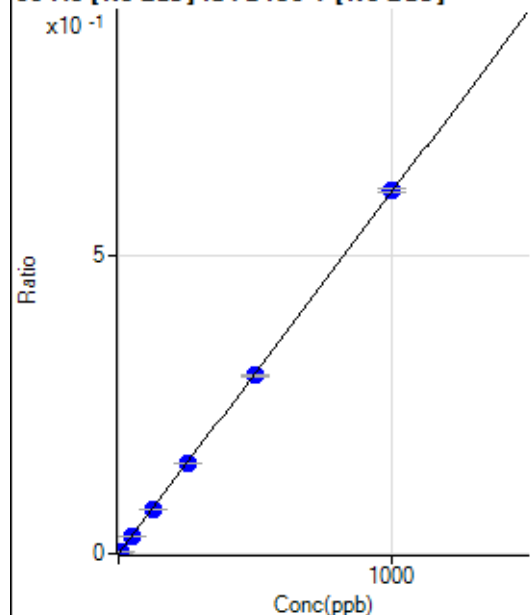
$$DL = 0.04121$$

$$BEC = 0.02522$$

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	125.00	0.0000	P	17.0
2	☐	0.500					
3	☐	5.000	3.954	18331.96	0.0024	P	2.9
4	☐	50.000	48.690	227533.68	0.0295	P	0.7
5	☐	125.000	123.255	569590.83	0.0748	P	2.1
6	☐	250.000	247.957	1142351.38	0.1504	P	0.2
7	☐	500.000	493.587	2308978.33	0.2993	P	1.4
8	☐	1000.000	1004.006	4692185.04	0.6088	P	1.0
9	☐			26333.47	0.0035	P	0.6

$$y = 6.0638\text{E-}004 * x + 1.7415\text{E-}005$$

$$R = 1.0000$$

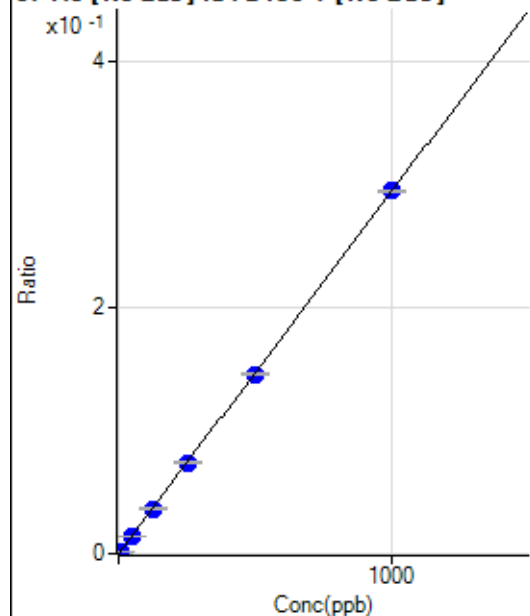
$$DL = 0.01468$$

$$BEC = 0.02872$$

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	63.89	0.0000	P	33.5
2	☐	0.500					
3	☐	5.000	4.636	10432.00	0.0014	P	0.6
4	☐	50.000	49.456	112194.83	0.0146	P	0.2
5	☐	125.000	124.674	279692.99	0.0367	P	1.9
6	☐	250.000	251.531	562511.31	0.0740	P	0.7
7	☐	500.000	495.788	1125855.70	0.1459	P	1.5
8	☐	1000.000	1001.793	2272803.74	0.2949	P	0.5
9	☐			11983.30	0.0016	P	2.7

$$y = 2.9436\text{E-}004 * x + 8.9256\text{E-}006$$

$$R = 1.0000$$

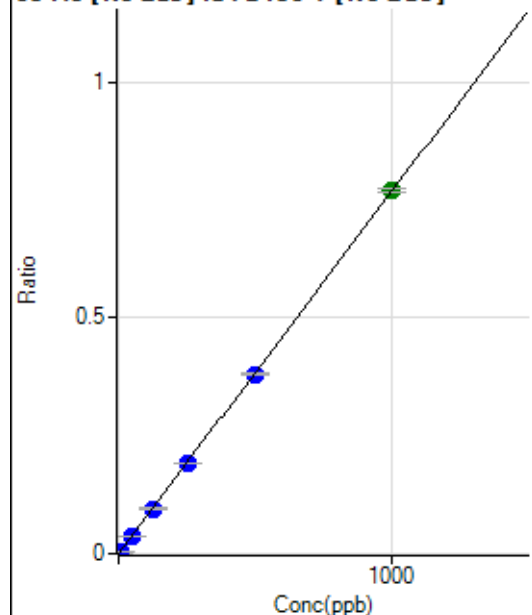
$$DL = 0.03051$$

$$BEC = 0.03032$$

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	180.57	0.0000	P	37.9
2	☐	0.500					
3	☐	5.000	4.464	26219.47	0.0035	P	1.4
4	☐	50.000	48.842	289072.26	0.0375	P	0.6
5	☐	125.000	123.909	725207.90	0.0952	P	1.7
6	☐	250.000	248.867	1451984.85	0.1911	P	0.6
7	☐	500.000	496.258	2939853.76	0.3811	P	1.7
8	☐	1000.000	1002.351	5932325.61	0.7698	A	1.0
9	☐			29935.40	0.0040	P	3.2

$$y = 7.6792\text{E-}004 * x + 2.5206\text{E-}005$$

$$R = 1.0000$$

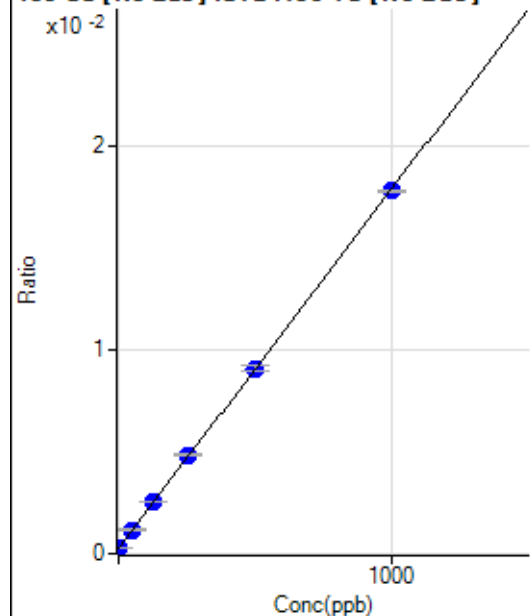
$$DL = 0.03729$$

$$BEC = 0.03282$$

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	2494.79	0.0003	P	3.0
2	☐	0.100					
3	☐	1.000	1.505	2955.98	0.0003	P	4.1
4	☐	50.000	51.761	12397.56	0.0012	P	3.4
5	☐	125.000	131.412	27043.35	0.0026	P	1.2
6	☐	250.000	260.673	50691.84	0.0048	P	1.2
7	☐	500.000	501.929	96717.79	0.0091	P	2.8
8	☐	1000.000	995.477	190081.13	0.0178	P	0.6
9	☐			2614.24	0.0003	P	3.3

$$y = 1.7594\text{E-}005 * x + 2.5408\text{E-}004$$

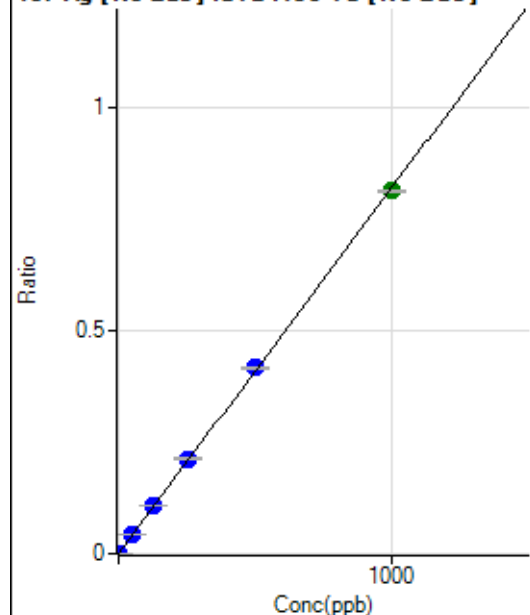
$$R = 0.9999$$

$$DL = 1.319$$

$$BEC = 14.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	34.6
2	☐	0.100					
3	☐	1.000	1.237	10740.57	0.0010	P	3.7
4	☐	50.000	51.397	447845.09	0.0421	P	0.9
5	☐	125.000	129.965	1120973.04	0.1064	P	1.1
6	☐	250.000	260.064	2229016.91	0.2129	P	0.6
7	☐	500.000	508.644	4432758.95	0.4163	P	1.6
8	☐	1000.000	992.471	8689631.01	0.8123	A	0.7
9	☐			1850.20	0.0002	P	6.9

$$y = 8.1849\text{E-}004 * x + 7.0714\text{E-}006$$

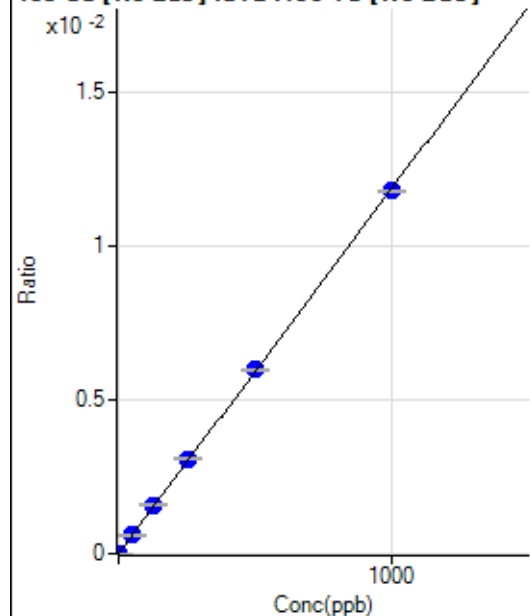
$$R = 0.9999$$

$$DL = 0.008965$$

$$BEC = 0.00864$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	0.876	113.89	0.0000	P	5.5
4	☐	50.000	50.376	6359.90	0.0006	P	5.5
5	☐	125.000	132.824	16590.56	0.0016	P	2.7
6	☐	250.000	259.576	32225.79	0.0031	P	1.2
7	☐	500.000	503.743	63579.71	0.0060	P	1.4
8	☐	1000.000	994.738	126122.92	0.0118	P	0.8
9	☐			48.61	0.0000	P	22.1

$$y = 1.1852\text{E-}005 * x + 4.2523\text{E-}007$$

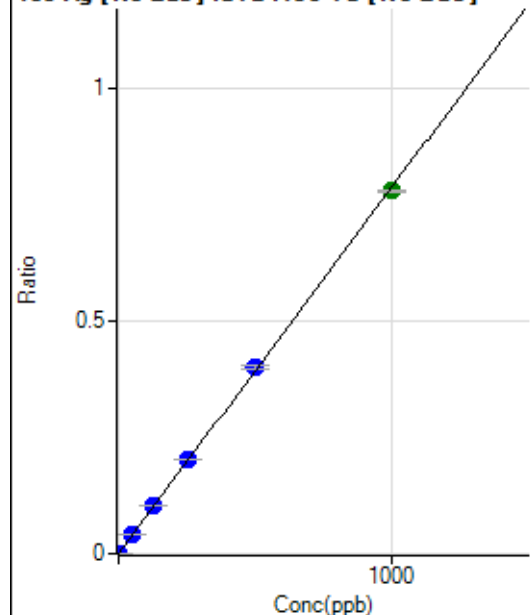
$$R = 0.9999$$

$$DL = 0.1075$$

$$BEC = 0.03588$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	63.3
2	☐	0.100					
3	☐	1.000	1.251	10407.05	0.0010	P	3.0
4	☐	50.000	51.542	431076.82	0.0405	P	0.4
5	☐	125.000	130.355	1079102.65	0.1024	P	1.9
6	☐	250.000	259.056	2131404.37	0.2035	P	0.5
7	☐	500.000	511.403	4277741.15	0.4018	P	1.8
8	☐	1000.000	991.288	8331103.57	0.7788	A	0.7
9	☐			1755.75	0.0002	P	1.9

$$y = 7.8564\text{E-}004 * x + 5.3641\text{E-}006$$

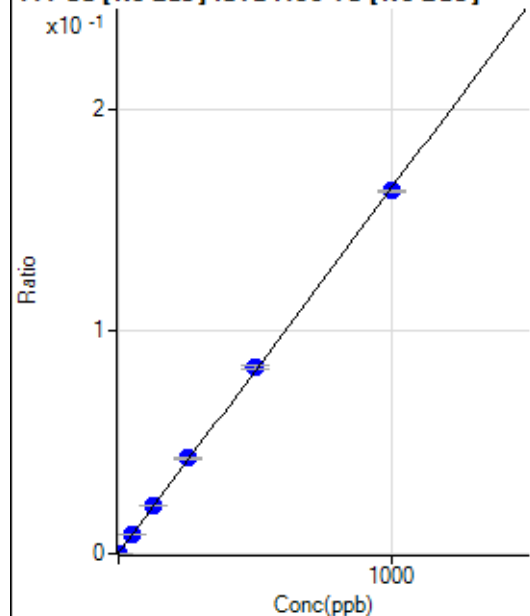
$$R = 0.9999$$

$$DL = 0.01296$$

$$BEC = 0.006828$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1755.93	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	1.000	3615.98	0.0003	P	3.1
4	☐	50.000	51.234	91549.33	0.0086	P	0.4
5	☐	125.000	130.583	228069.03	0.0216	P	1.4
6	☐	250.000	260.050	449512.25	0.0429	P	0.5
7	☐	500.000	508.427	891725.20	0.0838	P	2.1
8	☐	1000.000	992.515	1747179.18	0.1633	P	0.6
9	☐			2265.40	0.0002	P	3.6

$$y = 1.6438\text{E-}004 * x + 1.7883\text{E-}004$$

$$R = 0.9999$$

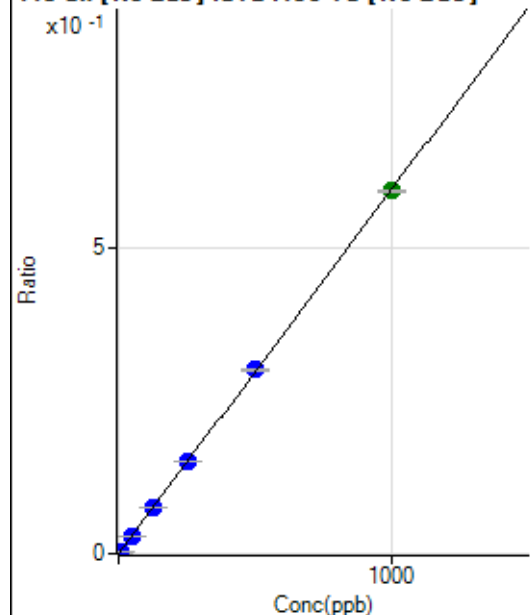
$$DL = 0.09717$$

$$BEC = 1.088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	677.83	0.0001	P	17.9
2	☐	0.500					
3	☐	5.000	4.563	29426.23	0.0028	P	4.4
4	☐	50.000	49.538	315566.01	0.0296	P	0.7
5	☐	125.000	125.955	793149.65	0.0753	P	1.4
6	☐	250.000	254.102	1589376.89	0.1518	P	0.5
7	☐	500.000	504.701	3209221.73	0.3014	P	1.8
8	☐	1000.000	996.530	6365547.89	0.5951	A	0.3
9	☐			10515.49	0.0010	P	4.5

$$y = 5.9707\text{E-}004 * x + 6.9051\text{E-}005$$

$$R = 1.0000$$

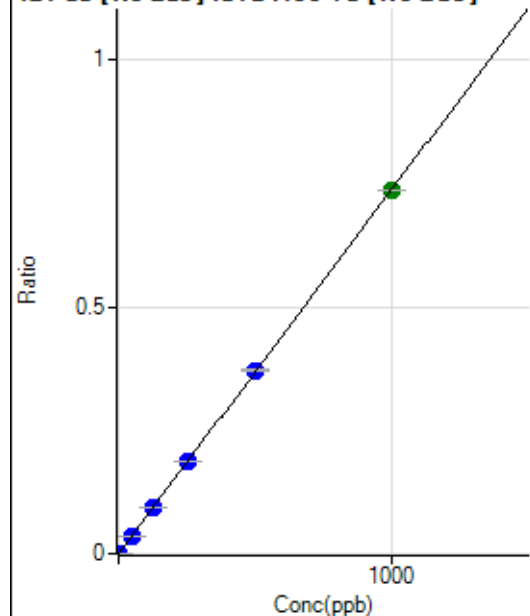
$$DL = 0.06212$$

$$BEC = 0.1157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	28.2
2	☐	0.200					
3	☐	2.000	1.822	14207.83	0.0013	P	1.3
4	☐	50.000	48.747	382099.43	0.0359	P	0.5
5	☐	125.000	125.766	975691.86	0.0926	P	2.2
6	☐	250.000	253.628	1955507.40	0.1867	P	0.2
7	☐	500.000	503.913	3950329.73	0.3710	P	1.7
8	☐	1000.000	997.104	7853356.60	0.7341	A	0.0
9	☐			27591.85	0.0027	P	2.3

$$y = 7.3627\text{E-}004 * x + 6.2200\text{E-}006$$

$$R = 1.0000$$

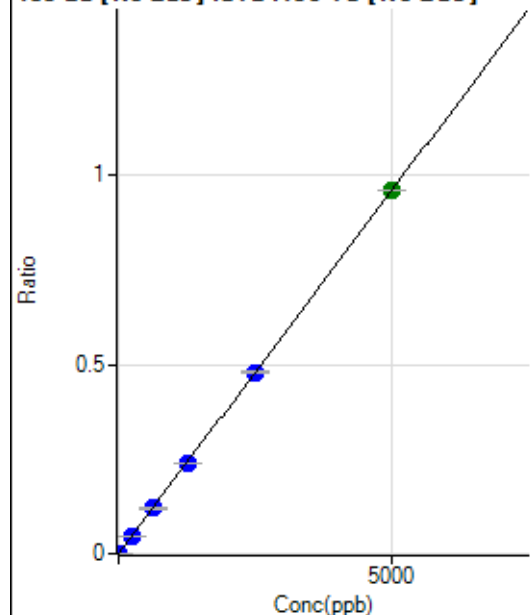
$$DL = 0.007141$$

$$BEC = 0.008448$$

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	36.11	0.0000	P	34.8
2	☐	1.000					
3	☐	10.000	9.002	18215.40	0.0017	P	3.1
4	☐	250.000	244.613	499020.51	0.0469	P	0.2
5	☐	625.000	624.521	1261069.80	0.1197	P	2.1
6	☐	1250.000	1251.541	2511666.66	0.2399	P	0.5
7	☐	2500.000	2500.839	5102850.33	0.4793	P	1.7
8	☐	5000.000	4999.526	10249304.05	0.9581	A	0.0
9	☐			4937.20	0.0005	P	3.8

$$y = 1.9164\text{E-}004 * x + 3.6740\text{E-}006$$

$$R = 1.0000$$

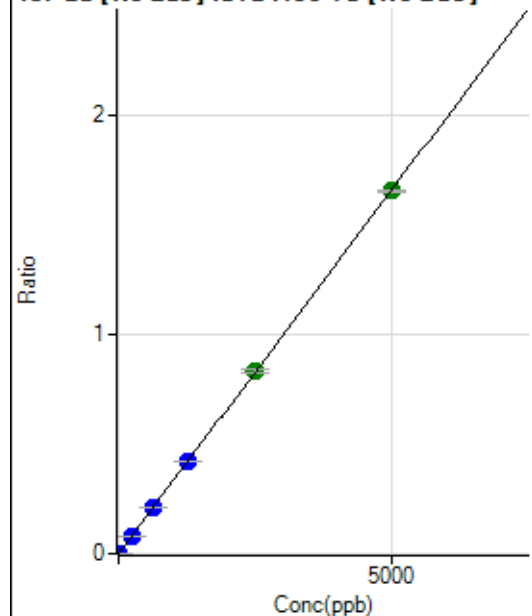
$$DL = 0.02001$$

$$BEC = 0.01917$$

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	83.34	0.0000	P	10.3
2	☐	1.000					
3	☐	10.000	9.007	31600.81	0.0030	P	2.5
4	☐	250.000	246.606	871696.30	0.0819	P	0.5
5	☐	625.000	628.447	2198955.34	0.2087	P	1.2
6	☐	1250.000	1266.352	4403376.40	0.4205	P	0.6
7	☐	2500.000	2508.856	8869434.05	0.8331	A	2.2
8	☐	5000.000	4991.225	17728994.15	1.6574	A	0.7
9	☐			8389.00	0.0008	P	1.3

$$y = 3.3205\text{E-}004 * x + 8.4887\text{E-}006$$

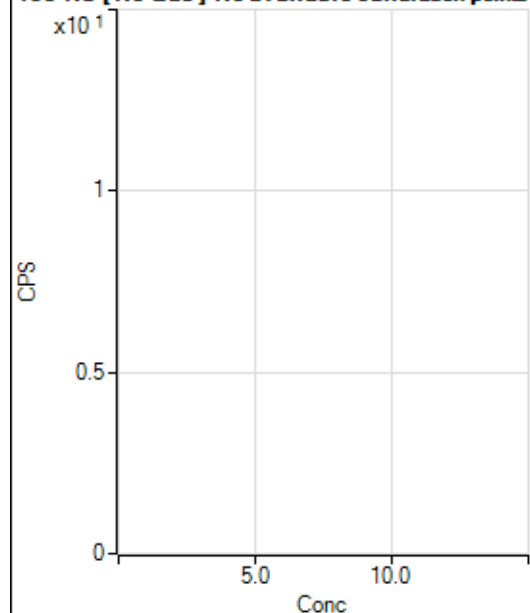
$$R = 1.0000$$

$$DL = 0.007902$$

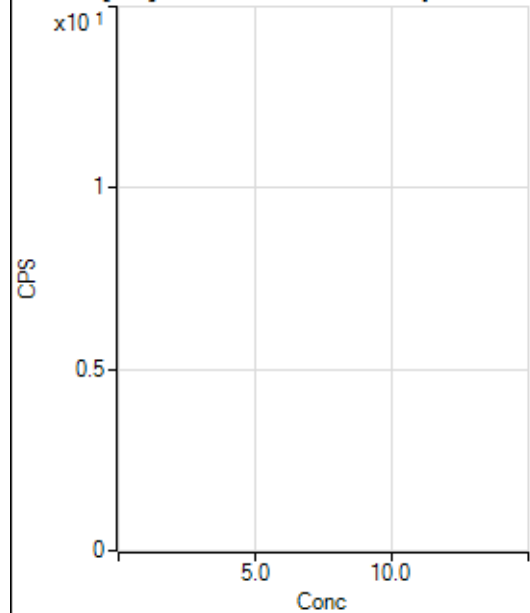
$$BEC = 0.02556$$

Weight: <None>

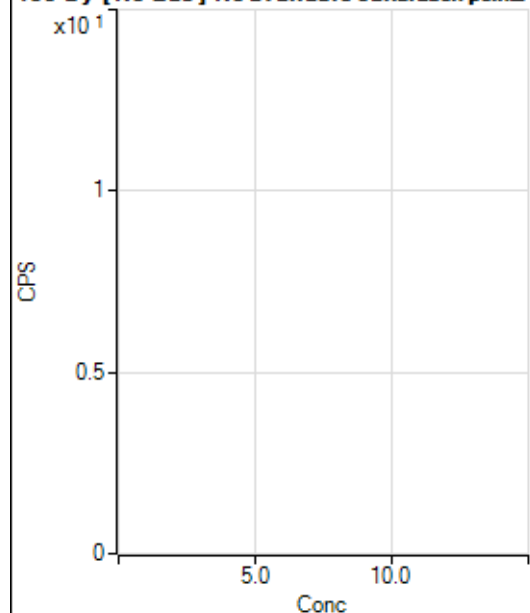
Min Conc: 0

150 Nd [No Gas] No available calibration points

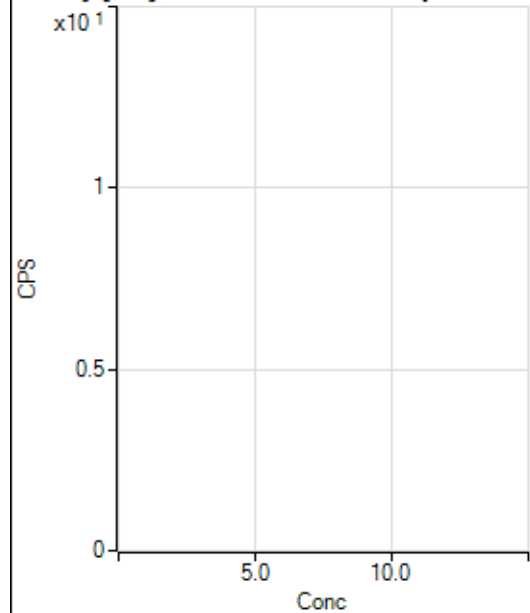
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			40.00		P	28.9
5	☐			151.12		P	33.4
6	☐			262.24		P	9.6
7	☐			477.81		P	1.6
8	☐			935.63		P	7.3
9	☐			131.12		P	12.8

150 Nd [He] No available calibration points

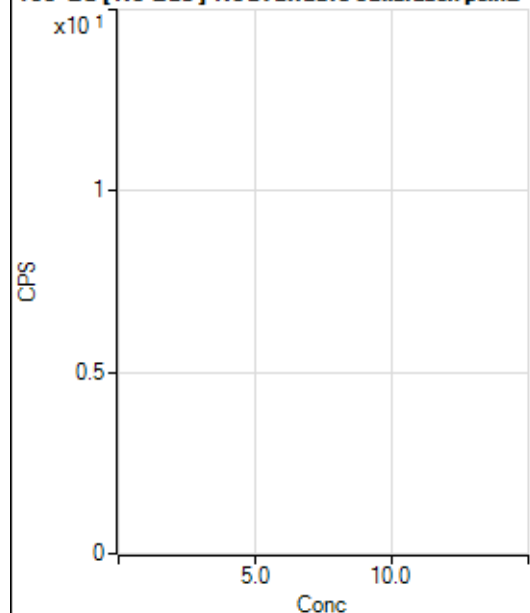
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			6.67		P	50.0
5	☐			8.89		P	78.1
6	☐			26.67		P	54.5
7	☐			65.56		P	16.4
8	☐			143.34		P	16.3
9	☐			46.67		P	46.8

156 Dy [No Gas] No available calibration points

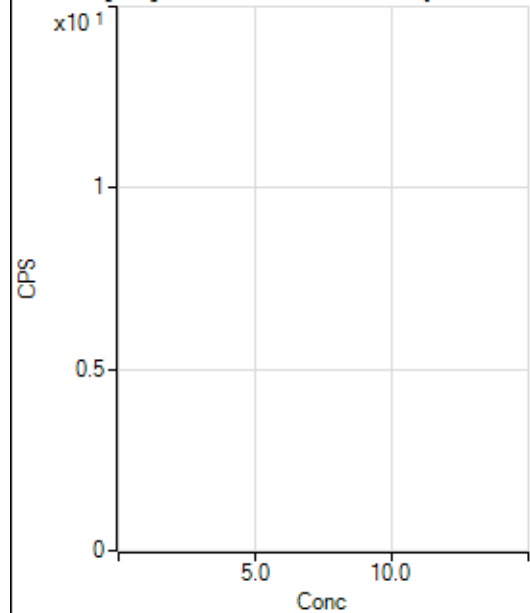
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			22.22		P	78.1
4	☐			30.56		P	78.7
5	☐			41.67		P	34.6
6	☐			69.45		P	18.3
7	☐			108.34		P	42.8
8	☐			275.02		P	9.1
9	☐			200.01		P	28.9

156 Dy [He] No available calibration points

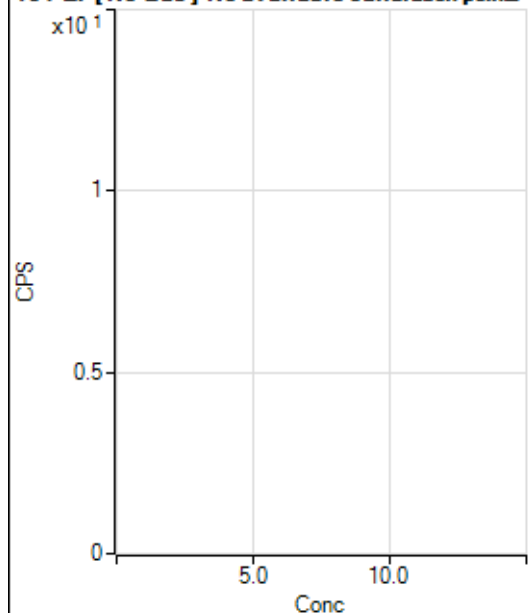
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	114.
4	☐			10.00		P	33.3
5	☐			16.67		P	20.0
6	☐			27.78		P	36.7
7	☐			51.11		P	37.7
8	☐			132.23		P	12.4
9	☐			72.22		P	11.6

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

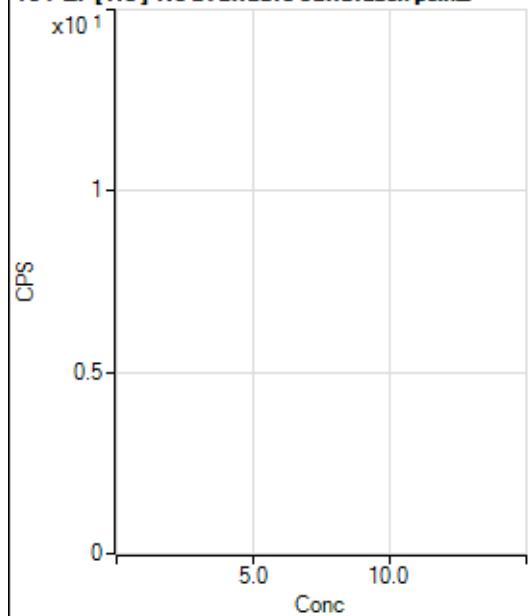
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	12.5
2	☐						
3	☐			52.78		P	50.8
4	☐			58.33		P	37.8
5	☐			91.67		P	36.4
6	☐			97.23		P	50.2
7	☐			88.89		P	53.3
8	☐			175.01		P	16.5
9	☐			147.23		P	28.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	16.4
2	☐						
3	☐			77.78		P	17.3
4	☐			86.67		P	13.9
5	☐			76.66		P	7.5
6	☐			78.89		P	10.6
7	☐			91.11		P	16.5
8	☐			128.89		P	16.6
9	☐			114.45		P	6.1

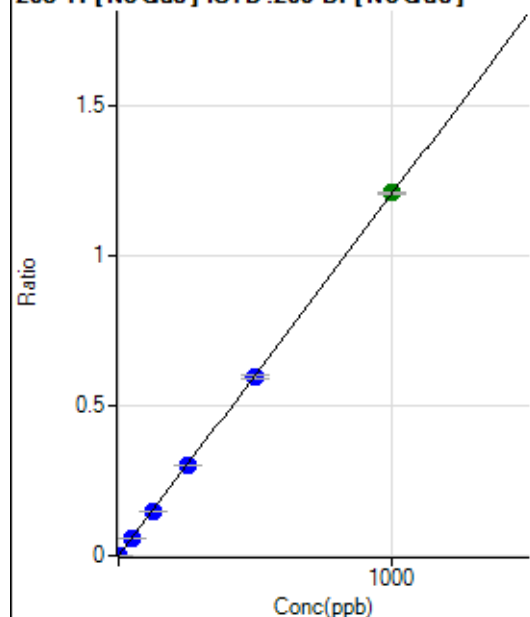
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐						
3	☐			36.11		P	74.2
4	☐			36.11		P	13.3
5	☐			47.22		P	27.0
6	☐			38.89		P	32.7
7	☐			47.22		P	27.0
8	☐			88.89		P	28.6
9	☐			88.89		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			31.11		P	27.0
4	☐			16.66		P	69.3
5	☐			12.22		P	56.8
6	☐			14.44		P	35.3
7	☐			23.33		P	37.8
8	☐			42.22		P	31.9
9	☐			53.33		P	18.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0000	P	5.8
2	☐	0.100					
3	☐	1.000	1.078	9109.02	0.0013	P	3.3
4	☐	50.000	48.439	404514.16	0.0585	P	0.9
5	☐	125.000	122.430	1005839.41	0.1478	P	1.4
6	☐	250.000	248.307	1998249.85	0.2997	P	0.6
7	☐	500.000	493.703	4024250.44	0.5958	P	2.5
8	☐	1000.000	1003.971	7959516.41	1.2116	A	0.3
9	☐			5701.49	0.0010	P	2.3

$$y = 0.0012 * x + 4.2094E-005$$

$$R = 1.0000$$

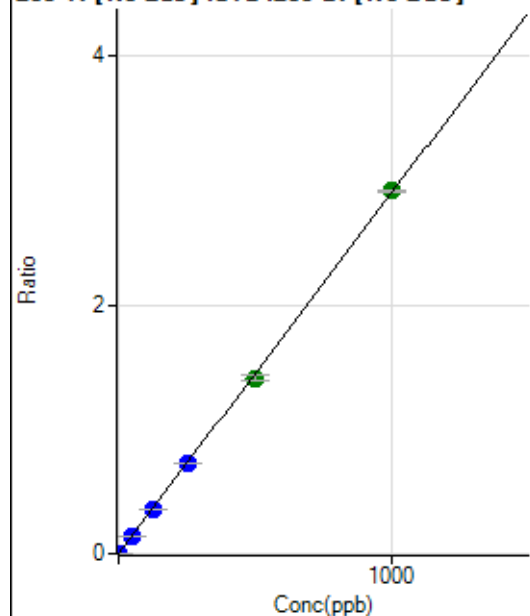
$$DL = 0.006117$$

$$BEC = 0.03488$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	775.06	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	1.049	21423.71	0.0032	P	0.7
4	☐	50.000	48.321	969086.91	0.1401	P	0.5
5	☐	125.000	122.282	2412258.78	0.3545	P	2.3
6	☐	250.000	251.816	4866262.61	0.7298	P	0.6
7	☐	500.000	487.383	9539735.72	1.4125	A	2.5
8	☐	1000.000	1006.278	19156995.22	2.9161	A	0.5
9	☐			14049.69	0.0024	P	3.8

$$y = 0.0029 * x + 1.1854E-004$$

$$R = 0.9999$$

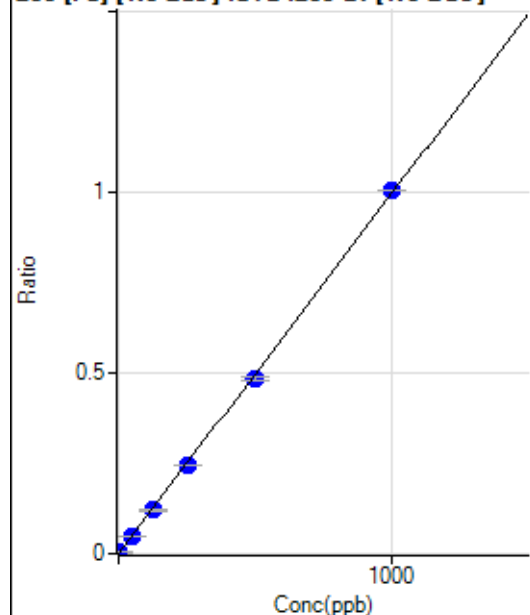
$$DL = 0.009083$$

$$BEC = 0.04091$$

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	1087.11	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	3.287	23280.23	0.0034	P	2.1
4	☐	50.000	48.153	331965.35	0.0480	P	0.5
5	☐	125.000	120.869	818322.58	0.1203	P	2.5
6	☐	250.000	246.185	1631876.40	0.2448	P	0.8
7	☐	500.000	486.192	3263672.21	0.4832	P	2.1
8	☐	1000.000	1008.464	6583026.54	1.0021	P	0.1
9	☐			12991.88	0.0022	P	2.9

$$y = 9.9350\text{E-}004 * x + 1.6648\text{E-}004$$

$$R = 0.9998$$

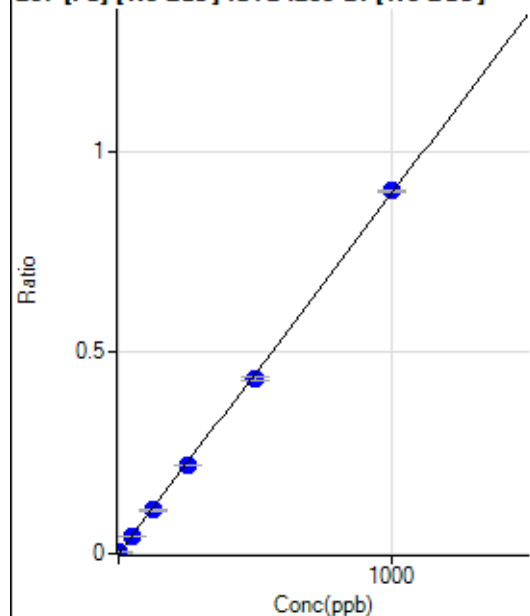
$$DL = 0.04198$$

$$BEC = 0.1676$$

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	1024.15	0.0002	P	2.6
2	☐	0.100					
3	☐	1.000	3.248	20766.73	0.0031	P	3.7
4	☐	50.000	48.005	298004.59	0.0431	P	0.3
5	☐	125.000	120.748	736099.19	0.1082	P	2.0
6	☐	250.000	246.301	1470027.27	0.2205	P	0.4
7	☐	500.000	487.606	2946772.08	0.4363	P	2.4
8	☐	1000.000	1007.751	5922628.03	0.9016	P	0.3
9	☐			10860.30	0.0019	P	1.4

$$y = 8.9446\text{E-}004 * x + 1.5675\text{E-}004$$

$$R = 0.9999$$

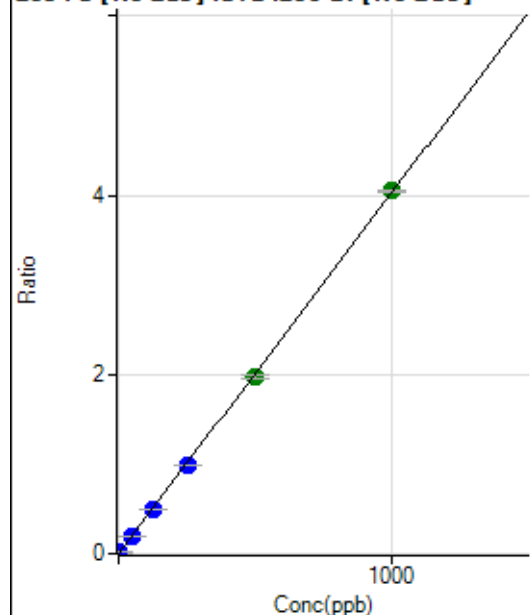
$$DL = 0.01344$$

$$BEC = 0.1752$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4602.31	0.0007	P	2.8
2	☐	0.100					
3	☐	1.000	3.254	93547.16	0.0138	P	3.6
4	☐	50.000	48.082	1342283.34	0.1941	P	0.5
5	☐	125.000	121.195	3322523.13	0.4882	P	2.1
6	☐	250.000	246.491	6615944.40	0.9922	P	0.4
7	☐	500.000	490.400	13328442.37	1.9733	A	2.1
8	☐	1000.000	1006.247	26595071.90	4.0484	A	0.2
9	☐			50978.60	0.0088	P	1.6

$$y = 0.0040 * x + 7.0436E-004$$

$$R = 0.9999$$

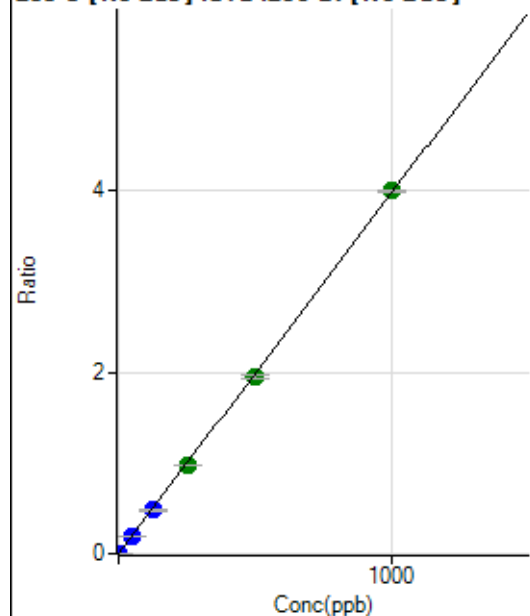
$$DL = 0.0148$$

$$BEC = 0.1751$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.45	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	0.881	23900.48	0.0035	P	2.7
4	☐	50.000	46.955	1289177.45	0.1864	P	0.2
5	☐	125.000	120.817	3264276.03	0.4797	P	2.0
6	☐	250.000	245.686	6503990.99	0.9754	A	1.1
7	☐	500.000	491.811	13187043.87	1.9524	A	2.4
8	☐	1000.000	1005.848	26231838.78	3.9931	A	0.4
9	☐			6952.19	0.0012	P	2.9

$$y = 0.0040 * x + 2.9771E-005$$

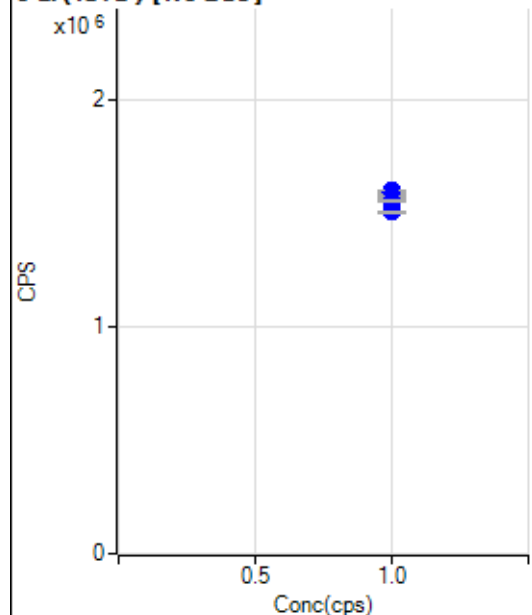
$$R = 0.9999$$

$$DL = 0.005918$$

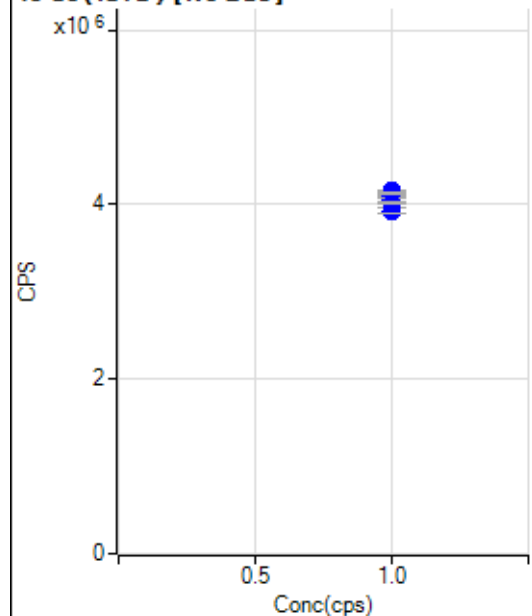
$$BEC = 0.007499$$

Weight: <None>

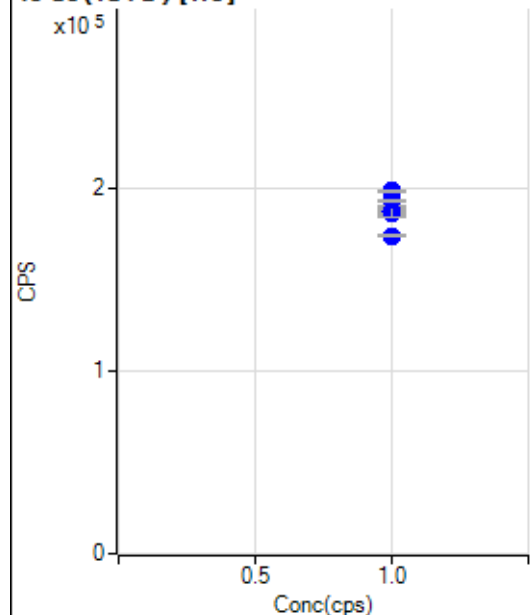
Min Conc: 0

6 Li (ISTD) [No Gas]

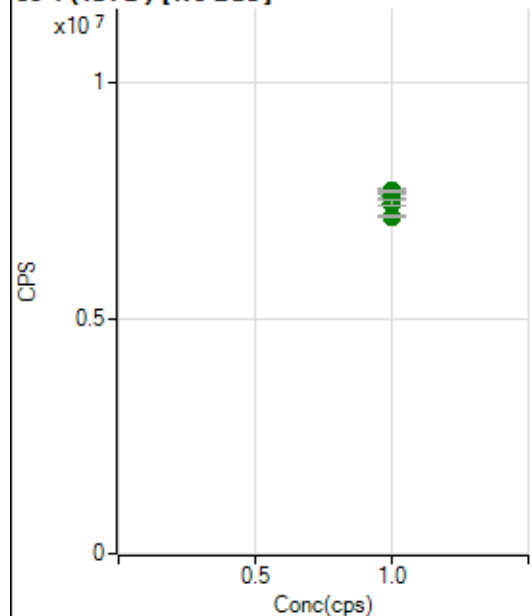
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1504279.86		P	0.6
2	☐	1.000					
3	☐	1.000		1579793.31		P	0.7
4	☐	1.000		1596940.39		P	0.3
5	☐	1.000		1573702.11		P	0.8
6	☐	1.000		1566272.69		P	1.2
7	☐	1.000		1588773.00		P	1.3
8	☐	1.000		1570174.09		P	0.3
9	☐	1.000		1550286.89		P	0.7

45 Sc (ISTD) [No Gas]

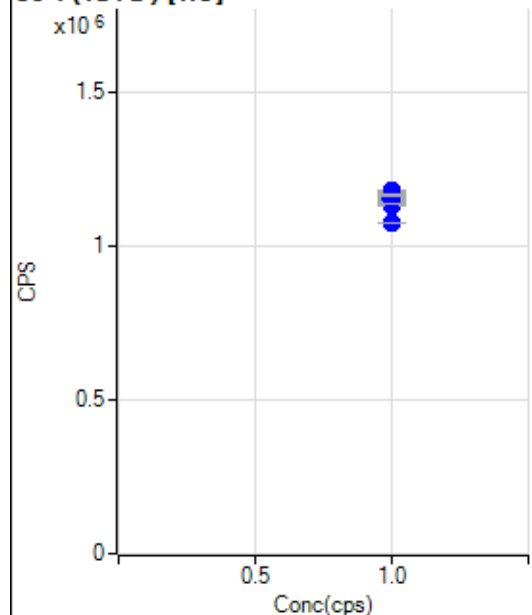
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3924986.29		P	1.5
2	☐	1.000					
3	☐	1.000		4050639.20		P	2.4
4	☐	1.000		4131214.81		P	0.5
5	☐	1.000		4104645.75		P	1.7
6	☐	1.000		4017473.14		P	0.8
7	☐	1.000		4136393.37		P	1.4
8	☐	1.000		4154230.91		P	0.2
9	☐	1.000		4132971.19		P	0.6

45 Sc (ISTD) [He]

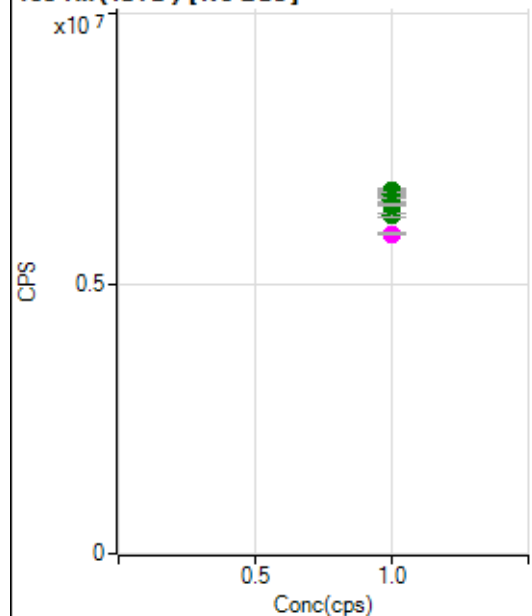
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		173651.07		P	1.0
2	☐	1.000					
3	☐	1.000		187333.38		P	1.0
4	☐	1.000		186070.78		P	0.4
5	☐	1.000		186522.63		P	2.2
6	☐	1.000		185665.49		P	0.7
7	☐	1.000		186976.11		P	3.3
8	☐	1.000		192750.48		P	0.6
9	☐	1.000		198127.71		P	0.6

89 Y (ISTD) [No Gas]

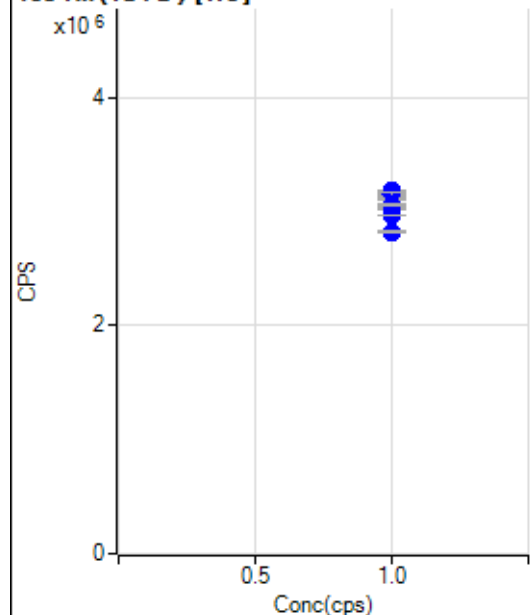
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7172981.07		A	1.0
2	☐	1.000					
3	☐	1.000		7594294.68		A	2.1
4	☐	1.000		7702096.34		A	0.2
5	☐	1.000		7620861.62		A	1.6
6	☐	1.000		7596714.89		A	1.6
7	☐	1.000		7714739.40		A	1.2
8	☐	1.000		7707288.22		A	0.9
9	☐	1.000		7455529.75		A	1.4

89 Y (ISTD) [He]

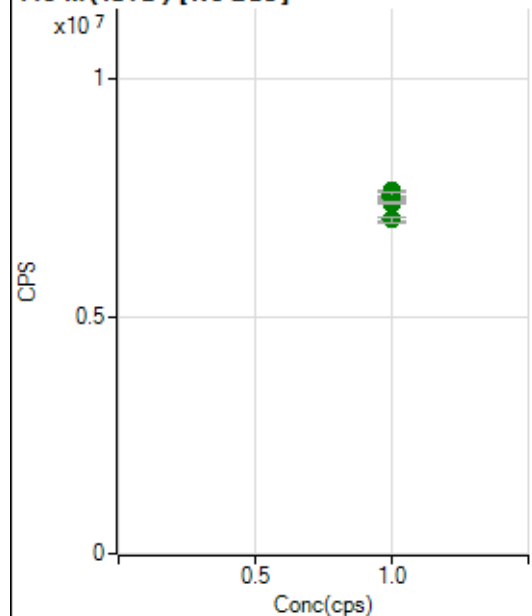
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1072687.34		P	0.1
2	☐	1.000					
3	☐	1.000		1155759.18		P	0.6
4	☐	1.000		1145046.42		P	0.5
5	☐	1.000		1152256.00		P	2.3
6	☐	1.000		1131589.17		P	0.9
7	☐	1.000		1150699.04		P	2.4
8	☐	1.000		1176773.05		P	0.9
9	☐	1.000		1164971.91		P	0.3

103 Rh (ISTD) [No Gas]

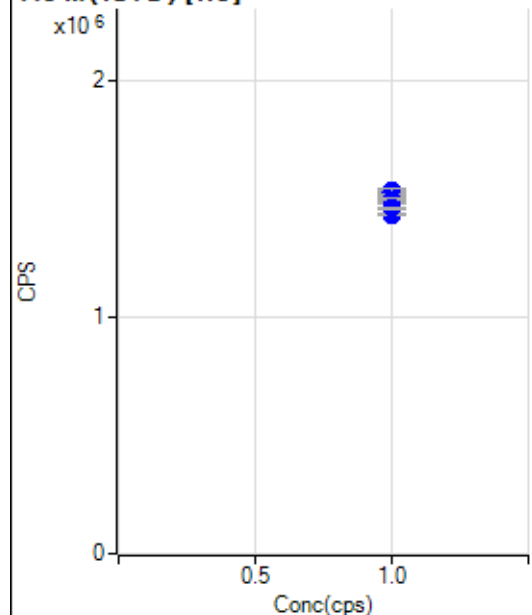
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6279652.48		A	1.3
2	☐	1.000					
3	☐	1.000		6716263.69		A	1.4
4	☐	1.000		6725589.74		A	0.4
5	☐	1.000		6651493.25		A	1.0
6	☐	1.000		6540845.85		A	1.4
7	☐	1.000		6568160.78		A	1.1
8	☐	1.000		6455244.07		A	0.5
9	☐	1.000		5920049.39		M	0.6

103 Rh (ISTD) [He]

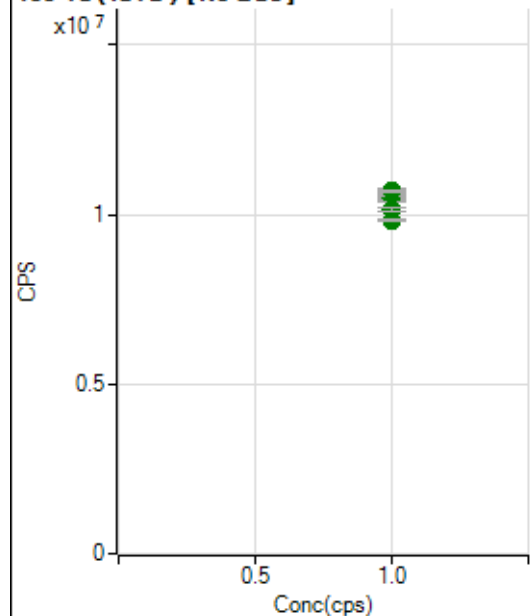
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2968803.98		P	0.2
2	☐	1.000					
3	☐	1.000		3181470.12		P	0.4
4	☐	1.000		3138800.02		P	0.5
5	☐	1.000		3145708.08		P	1.8
6	☐	1.000		3047441.90		P	0.4
7	☐	1.000		3062920.13		P	2.8
8	☐	1.000		3057073.18		P	0.5
9	☐	1.000		2822989.72		P	0.2

115 In (ISTD) [No Gas]

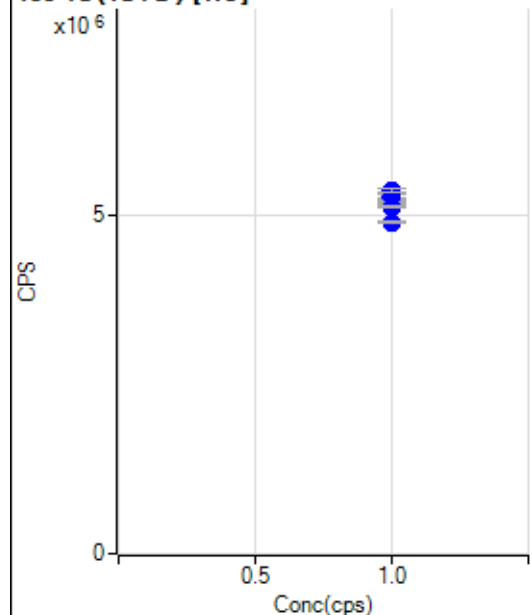
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7060103.38		A	0.9
2	☐	1.000					
3	☐	1.000		7594264.19		A	1.9
4	☐	1.000		7643887.03		A	0.5
5	☐	1.000		7556413.15		A	1.5
6	☐	1.000		7476237.32		A	1.6
7	☐	1.000		7546753.70		A	1.9
8	☐	1.000		7384161.88		A	0.3
9	☐	1.000		7043228.69		A	1.6

115 In (ISTD) [He]

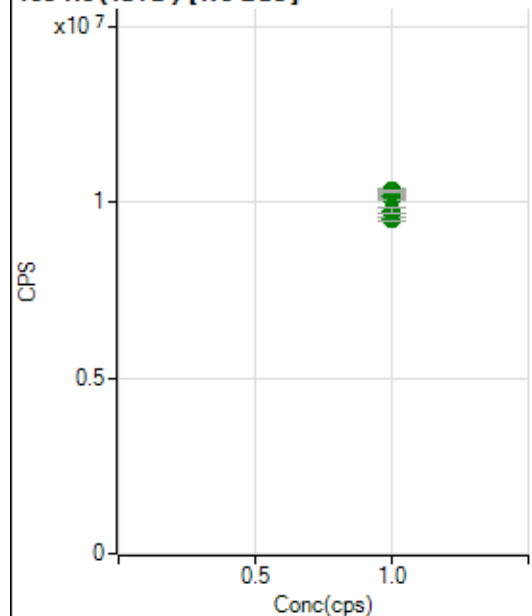
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1435047.76		P	0.5
2	☐	1.000					
3	☐	1.000		1536992.90		P	0.7
4	☐	1.000		1528138.98		P	0.8
5	☐	1.000		1529117.61		P	2.2
6	☐	1.000		1492824.93		P	0.3
7	☐	1.000		1501680.13		P	2.8
8	☐	1.000		1501892.17		P	0.8
9	☐	1.000		1464957.89		P	0.4

159 Tb (ISTD) [No Gas]

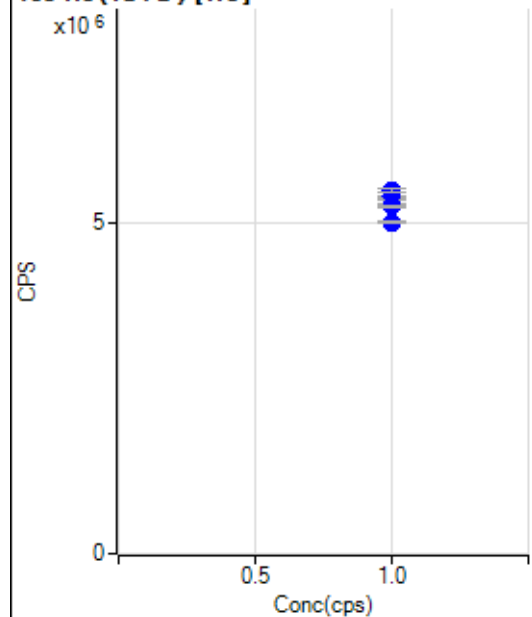
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9819662.91		A	0.5
2	☐	1.000					
3	☐	1.000		10539154.22		A	1.7
4	☐	1.000		10644205.12		A	0.3
5	☐	1.000		10538301.23		A	1.4
6	☐	1.000		10471770.95		A	1.7
7	☐	1.000		10649307.41		A	1.9
8	☐	1.000		10697256.64		A	0.4
9	☐	1.000		10157378.81		A	0.9

159 Tb (ISTD) [He]

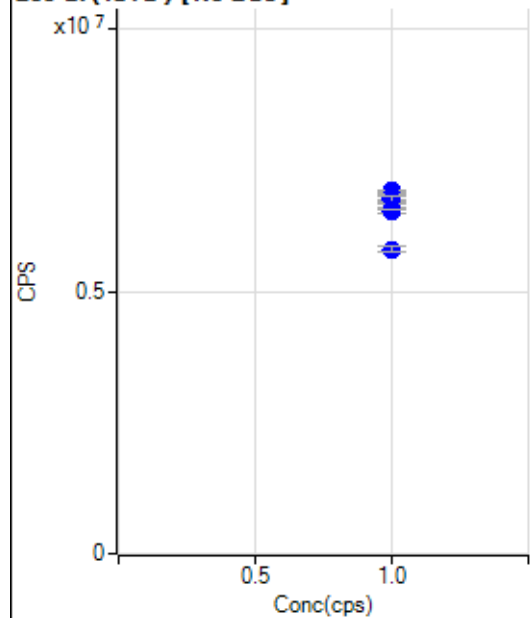
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4904235.03		P	0.2
2	☐	1.000					
3	☐	1.000		5283974.09		P	0.9
4	☐	1.000		5248807.91		P	0.4
5	☐	1.000		5293673.26		P	1.6
6	☐	1.000		5190073.15		P	0.3
7	☐	1.000		5273390.30		P	2.6
8	☐	1.000		5364244.50		P	1.0
9	☐	1.000		5131146.24		P	0.6

165 Ho (ISTD) [No Gas]

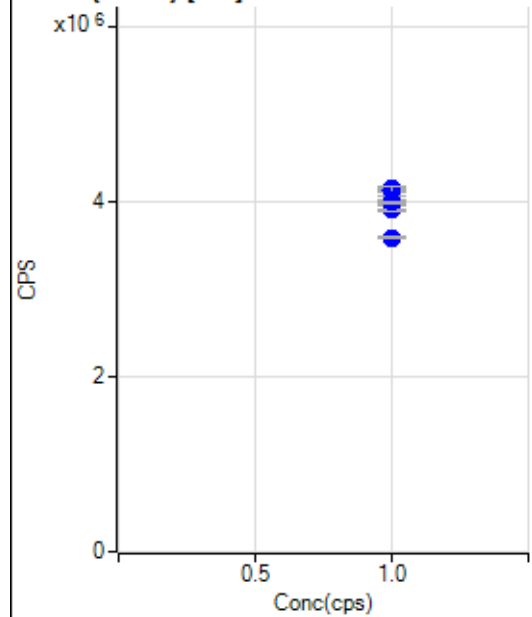
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9508880.51		A	1.3
2	☐	1.000					
3	☐	1.000		10138249.96		A	1.0
4	☐	1.000		10308907.78		A	0.8
5	☐	1.000		10249193.37		A	1.4
6	☐	1.000		10152547.36		A	1.6
7	☐	1.000		10312035.47		A	1.9
8	☐	1.000		10290737.91		A	0.7
9	☐	1.000		9739765.41		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5009052.77		P	0.5
2	☐	1.000					
3	☐	1.000		5380025.13		P	0.6
4	☐	1.000		5369572.28		P	0.7
5	☐	1.000		5406768.39		P	2.2
6	☐	1.000		5299465.82		P	0.2
7	☐	1.000		5402725.61		P	2.4
8	☐	1.000		5486803.46		P	0.9
9	☐	1.000		5254069.65		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6535283.79		P	1.5
2	☐	1.000					
3	☐	1.000		6781285.52		P	1.5
4	☐	1.000		6914938.30		P	0.3
5	☐	1.000		6806923.86		P	1.5
6	☐	1.000		6668049.21		P	1.6
7	☐	1.000		6756397.95		P	2.3
8	☐	1.000		6569376.22		P	0.3
9	☐	1.000		5802302.49		P	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3899059.63		P	0.5
2	☐	1.000					
3	☐	1.000		4142417.58		P	1.3
4	☐	1.000		4133967.51		P	0.3
5	☐	1.000		4124741.22		P	2.6
6	☐	1.000		4007490.22		P	0.4
7	☐	1.000		4005781.71		P	3.0
8	☐	1.000		3994199.35		P	0.5
9	☐	1.000		3585967.83		P	0.3

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	0.48	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.07	0.03	0.04	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.02	0.06	-0.03	0.00	N/A	ppb
Boron	11-1	0.05	0.04	-0.09	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.38	0.10	-0.48	0.00	N/A	ppb
Cadmium	108-1	0.04	0.00	-0.04	0.00	N/A	ppb
Calcium	43-1	-1.55	-0.82	2.37	0.00	N/A	ppb
Calcium	44-1	-0.39	1.02	-0.62	0.00	N/A	ppb
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	-0.03	0.04	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.12	-0.05	-0.07	0.00	N/A	ppb
Iron	57-2	-1.54	2.39	-0.86	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.56	0.98	-0.42	0.00	N/A	ppb
Manganese	55-2	-0.03	0.00	0.03	0.00	N/A	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	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	-0.02	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.06	0.03	0.00	N/A	ppb
Phosphorus	31-2	-16.33	-16.57	6.98	-8.64		ppb
Potassium	39-2	-7.42	4.14	3.28	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	0.49	-0.25	0.00	N/A	ppb
Selenium	78-2	-0.36	0.61	-0.25	0.00	N/A	ppb
Selenium	82-1	-0.25	0.99	-0.74	0.00	N/A	ppb
Silicon	28-1	0.74	0.55	-1.29	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	0.70	-1.69	0.99	0.00	N/A	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	N/A	ppb
Sulfur	34-1	283.94	204.33	-106.39	127.30	162.03	ppb
Terbium	159-1						%
Terbium	159-2						%
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	-0.02	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	-0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.08	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	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 :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.33	18.55	19.51	18.13	9.00	ppb
Antimony	121-1	1.84	1.83	1.80	1.82	1.27	ppb
Arsenic	75-2	1.02	0.88	0.99	0.97	7.52	ppb
Barium	135-1	8.79	9.32	8.90	9.00	3.09	ppb
Barium	137-1	8.78	9.24	9.00	9.01	2.52	ppb
Beryllium	9-1	0.91	0.75	0.84	0.83	9.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.41	21.79	21.24	21.48	1.31	ppb
Boron	11-1	21.00	20.55	21.54	21.03	2.36	ppb
Cadmium	111-1	0.96	1.07	0.97	1.00	6.46	ppb
Cadmium	106-1	1.32	2.23	0.97	1.50	43.06	ppb
Cadmium	108-1	0.85	0.85	0.93	0.88	5.75	ppb
Calcium	43-1	420.44	433.78	430.48	428.23	1.62	ppb
Calcium	44-1	424.10	445.78	434.38	434.76	2.49	ppb
Chromium	52-2	2.02	1.98	1.96	1.99	1.43	ppb
Cobalt	59-2	0.97	0.87	0.98	0.94	6.76	ppb
Copper	63-2	2.24	2.06	2.25	2.18	4.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.37	47.21	48.36	48.32	2.24	ppb
Iron	57-2	45.27	47.29	49.95	47.50	4.94	ppb
Lead	206-1	3.36	3.28	3.22	3.29	2.21	ppb
Lead	207-1	3.34	3.30	3.11	3.25	3.88	ppb
Lead	208-1	3.32	3.34	3.11	3.25	3.81	ppb
Lithium	6-1						%
Magnesium	24-2	449.61	432.03	451.57	444.40	2.42	ppb
Manganese	55-2	0.92	0.79	0.80	0.83	8.64	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.93	2.14	2.16	2.08	6.28	ppb
Molybdenum	95-1	4.64	4.58	4.37	4.53	3.10	ppb
Molybdenum	96-1	3.82	4.02	4.02	3.95	2.87	ppb
Molybdenum	97-1	4.61	4.63	4.67	4.64	0.63	ppb
Molybdenum	98-1	4.40	4.48	4.52	4.46	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.06	1.02	1.02	3.47	ppb
Phosphorus	31-2	-7.96	12.35	21.53	8.64	174.70	ppb
Potassium	39-2	430.13	426.02	442.76	432.97	2.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.32	1.79	3.88	5.00	77.76	ppb
Selenium	78-2	3.80	4.21	6.01	4.67	25.10	ppb
Selenium	82-1	4.88	4.43	5.13	4.81	7.39	ppb
Silicon	28-1	2.69	6.47	5.92	5.02	40.59	ppb
Silver	109-1	1.21	1.29	1.26	1.25	3.01	ppb
Silver	107-1	1.19	1.25	1.27	1.24	3.73	ppb
Sodium	23-2	476.73	469.82	478.13	474.89	0.94	ppb
Strontium	86-1	0.86	0.97	0.96	0.93	6.21	ppb
Strontium	88-1	0.94	0.99	0.93	0.95	3.24	ppb
Sulfur	34-1	-355.59	129.41	-155.70	-127.30		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.04	1.09	1.11	1.08	3.40	ppb
Thallium	205-1	1.04	1.06	1.05	1.05	0.71	ppb
Tin	118-1	4.32	4.68	4.68	4.56	4.54	ppb
Titanium	47-1	4.31	4.79	4.51	4.53	5.31	ppb
Uranium	238-1	0.87	0.91	0.86	0.88	2.71	ppb
Vanadium	51-2	4.70	4.45	4.57	4.57	2.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.11	1.86	1.95	1.98	6.40	ppb
Zirconium	90-1	0.89	0.89	0.93	0.91	2.50	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.87	0.96	0.90	5.73	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	983.70	978.75	1001.67	988.04	1.22	ppb
Antimony	121-1	48.80	48.48	48.96	48.75	0.50	ppb
Arsenic	75-2	50.44	50.49	51.32	50.75	0.97	ppb
Barium	135-1	244.68	244.17	244.98	244.61	0.17	ppb
Barium	137-1	247.75	246.57	245.51	246.61	0.45	ppb
Beryllium	9-1	51.22	50.78	49.58	50.53	1.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.13	46.45	48.58	46.39	4.80	ppb
Boron	11-1	47.59	47.72	47.59	47.63	0.16	ppb
Cadmium	111-1	51.48	51.21	51.02	51.23	0.45	ppb
Cadmium	106-1	54.35	50.72	50.21	51.76	4.36	ppb
Cadmium	108-1	52.11	47.19	51.83	50.38	5.48	ppb
Calcium	43-1	4688.83	4720.04	4655.54	4688.13	0.69	ppb
Calcium	44-1	4769.76	4738.90	4742.70	4750.45	0.35	ppb
Chromium	52-2	51.67	51.49	51.70	51.62	0.22	ppb
Cobalt	59-2	51.40	52.20	52.25	51.95	0.92	ppb
Copper	63-2	105.08	106.70	106.25	106.01	0.79	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2722.73	2742.83	2732.25	2732.60	0.37	ppb
Iron	57-2	2662.01	2642.46	2673.04	2659.17	0.58	ppb
Lead	206-1	48.19	48.38	47.89	48.15	0.51	ppb
Lead	207-1	47.83	48.12	48.07	48.01	0.33	ppb
Lead	208-1	48.23	48.19	47.82	48.08	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	5003.34	5049.18	5064.63	5039.05	0.63	ppb
Manganese	55-2	102.75	102.26	103.43	102.81	0.57	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	47.62	48.07	48.20	47.96	0.64	ppb
Molybdenum	95-1	49.85	49.20	49.41	49.49	0.67	ppb
Molybdenum	96-1	48.97	48.79	48.30	48.69	0.72	ppb
Molybdenum	97-1	49.57	49.46	49.33	49.46	0.25	ppb
Molybdenum	98-1	49.10	48.49	48.93	48.84	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.88	53.47	53.19	52.85	1.60	ppb
Phosphorus	31-2	995.66	981.82	974.95	984.14	1.07	ppb
Potassium	39-2	2479.66	2497.20	2488.85	2488.57	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	56.85	51.11	66.42	58.13	13.30	ppb
Selenium	78-2	50.47	53.01	52.12	51.86	2.48	ppb
Selenium	82-1	51.35	53.18	49.34	51.29	3.75	ppb
Silicon	28-1	45.59	46.89	46.57	46.35	1.45	ppb
Silver	109-1	51.52	51.36	51.75	51.54	0.39	ppb
Silver	107-1	51.93	51.20	51.06	51.40	0.90	ppb
Sodium	23-2	5118.02	5166.11	5181.55	5155.23	0.64	ppb
Strontium	86-1	49.42	49.20	49.06	49.23	0.37	ppb
Strontium	88-1	49.74	49.92	49.50	49.72	0.42	ppb
Sulfur	34-1	586.81	507.95	478.62	524.46	10.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.05	48.89	48.38	48.44	0.87	ppb
Thallium	205-1	48.27	48.59	48.10	48.32	0.51	ppb
Tin	118-1	49.33	49.94	49.34	49.54	0.71	ppb
Titanium	47-1	49.59	49.04	48.25	48.96	1.37	ppb
Uranium	238-1	47.05	46.87	46.95	46.96	0.19	ppb
Vanadium	51-2	50.16	50.85	50.95	50.65	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.28	104.15	105.36	105.26	1.01	ppb
Zirconium	90-1	47.04	47.19	47.55	47.26	0.55	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.74	48.11	48.05	47.97	0.41	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:17:53 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2548.25	2491.86	2436.87	2492.32	2.23	ppb
Antimony	121-1	123.99	124.32	129.00	125.77	2.23	ppb
Arsenic	75-2	126.33	130.08	124.39	126.94	2.28	ppb
Barium	135-1	618.78	615.50	639.29	624.52	2.07	ppb
Barium	137-1	625.71	622.76	636.87	628.45	1.18	ppb
Beryllium	9-1	127.46	125.78	129.06	127.43	1.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	112.59	116.93	124.27	117.93	5.01	ppb
Boron	11-1	116.91	119.23	123.77	119.97	2.91	ppb
Cadmium	111-1	130.11	129.06	132.58	130.58	1.38	ppb
Cadmium	106-1	133.13	129.71	131.39	131.41	1.30	ppb
Cadmium	108-1	131.44	130.13	136.91	132.82	2.71	ppb
Calcium	43-1	11504.87	11617.10	12039.55	11720.51	2.41	ppb
Calcium	44-1	11922.34	11893.51	12348.77	12054.87	2.11	ppb
Chromium	52-2	131.21	129.41	127.23	129.28	1.54	ppb
Cobalt	59-2	131.77	129.64	128.20	129.87	1.38	ppb
Copper	63-2	268.04	264.80	260.05	264.30	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6820.53	6706.54	6639.80	6722.29	1.36	ppb
Iron	57-2	6733.92	6679.97	6549.10	6654.33	1.43	ppb
Lead	206-1	119.01	119.16	124.43	120.87	2.55	ppb
Lead	207-1	119.57	119.18	123.50	120.75	1.98	ppb
Lead	208-1	119.89	119.60	124.10	121.19	2.08	ppb
Lithium	6-1						%
Magnesium	24-2	12890.28	12567.93	12440.62	12632.94	1.83	ppb
Manganese	55-2	262.79	254.64	254.13	257.19	1.89	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:17:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	120.25	120.28	124.59	121.70	2.05	ppb
Molybdenum	95-1	123.75	122.12	126.91	124.26	1.96	ppb
Molybdenum	96-1	122.06	121.52	126.19	123.25	2.07	ppb
Molybdenum	97-1	122.78	123.88	127.36	124.67	1.92	ppb
Molybdenum	98-1	122.88	122.49	126.36	123.91	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.61	131.94	131.33	132.96	1.74	ppb
Phosphorus	31-2	2545.88	2518.20	2475.21	2513.10	1.42	ppb
Potassium	39-2	6407.79	6248.63	6207.07	6287.83	1.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	141.77	131.25	132.18	135.07	4.31	ppb
Selenium	78-2	132.67	121.86	131.54	128.69	4.62	ppb
Selenium	82-1	129.45	127.83	132.27	129.85	1.73	ppb
Silicon	28-1	121.83	123.04	130.50	125.12	3.75	ppb
Silver	109-1	128.50	129.31	133.25	130.35	1.95	ppb
Silver	107-1	129.13	129.10	131.67	129.97	1.13	ppb
Sodium	23-2	13328.00	12961.34	12773.02	13020.79	2.17	ppb
Strontium	86-1	121.11	124.74	127.67	124.50	2.64	ppb
Strontium	88-1	124.24	124.51	129.56	126.11	2.38	ppb
Sulfur	34-1	2017.07	1981.19	2253.41	2083.89	7.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.32	121.50	124.46	122.43	1.44	ppb
Thallium	205-1	120.66	120.59	125.60	122.28	2.35	ppb
Tin	118-1	124.88	125.01	127.97	125.96	1.39	ppb
Titanium	47-1	122.05	122.29	125.04	123.13	1.35	ppb
Uranium	238-1	119.38	119.41	123.67	120.82	2.04	ppb
Vanadium	51-2	128.48	125.76	125.50	126.58	1.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	269.43	263.84	262.92	265.40	1.33	ppb
Zirconium	90-1	121.09	119.08	124.72	121.63	2.35	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:17:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	120.60	119.85	124.50	121.65	2.05	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4874.31	4861.28	4819.47	4851.68	0.59	ppb
Antimony	121-1	253.20	253.38	254.30	253.63	0.23	ppb
Arsenic	75-2	250.08	251.06	249.13	250.09	0.39	ppb
Barium	135-1	1257.55	1245.12	1251.95	1251.54	0.50	ppb
Barium	137-1	1273.02	1258.45	1267.59	1266.35	0.58	ppb
Beryllium	9-1	258.26	255.16	254.53	255.98	0.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	235.03	254.23	249.11	246.12	4.04	ppb
Boron	11-1	242.02	242.42	249.02	244.49	1.61	ppb
Cadmium	111-1	261.04	258.58	260.54	260.05	0.50	ppb
Cadmium	106-1	264.37	258.97	258.68	260.67	1.23	ppb
Cadmium	108-1	262.29	260.18	256.25	259.58	1.18	ppb
Calcium	43-1	24114.36	23964.70	24004.40	24027.82	0.32	ppb
Calcium	44-1	24572.24	24456.46	24325.64	24451.45	0.50	ppb
Chromium	52-2	250.13	248.18	247.77	248.69	0.51	ppb
Cobalt	59-2	253.98	253.30	251.01	252.76	0.61	ppb
Copper	63-2	514.35	510.56	508.64	511.18	0.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13196.13	12861.12	13064.66	13040.64	1.29	ppb
Iron	57-2	13048.36	12955.88	12986.26	12996.83	0.36	ppb
Lead	206-1	244.51	245.63	248.41	246.18	0.82	ppb
Lead	207-1	246.21	245.29	247.41	246.30	0.43	ppb
Lead	208-1	245.49	246.93	247.06	246.49	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	24847.09	24705.55	24636.29	24729.64	0.43	ppb
Manganese	55-2	505.03	496.91	496.92	499.62	0.94	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.54	247.43	248.42	247.80	0.22	ppb
Molybdenum	95-1	249.78	249.01	248.17	248.99	0.32	ppb
Molybdenum	96-1	248.28	247.51	248.08	247.96	0.16	ppb
Molybdenum	97-1	251.82	249.69	253.08	251.53	0.68	ppb
Molybdenum	98-1	249.77	247.19	249.65	248.87	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.89	256.15	254.08	255.37	0.44	ppb
Phosphorus	31-2	4868.76	5205.08	4955.95	5009.93	3.48	ppb
Potassium	39-2	12396.64	12360.04	12256.36	12337.68	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	257.45	251.99	244.39	251.28	2.61	ppb
Selenium	78-2	246.22	260.27	256.32	254.27	2.85	ppb
Selenium	82-1	257.74	256.27	260.08	258.03	0.74	ppb
Silicon	28-1	268.73	266.89	269.32	268.31	0.47	ppb
Silver	109-1	260.54	258.79	257.84	259.06	0.53	ppb
Silver	107-1	260.87	258.32	261.00	260.06	0.58	ppb
Sodium	23-2	25372.95	25097.43	24607.87	25026.08	1.55	ppb
Strontium	86-1	250.37	250.03	250.80	250.40	0.15	ppb
Strontium	88-1	253.88	254.37	256.16	254.81	0.47	ppb
Sulfur	34-1	4810.33	4852.11	4771.82	4811.42	0.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.26	247.55	250.12	248.31	0.63	ppb
Thallium	205-1	250.67	251.23	253.55	251.82	0.61	ppb
Tin	118-1	253.39	253.33	255.59	254.10	0.51	ppb
Titanium	47-1	259.27	254.24	252.64	255.39	1.35	ppb
Uranium	238-1	244.91	248.81	243.34	245.69	1.15	ppb
Vanadium	51-2	247.84	246.96	245.10	246.63	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	507.48	507.86	507.16	507.50	0.07	ppb
Zirconium	90-1	249.43	246.87	249.27	248.52	0.58	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.03	249.35	247.17	248.85	0.60	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9674.70	10390.90	9737.73	9934.45	3.99	ppb
Antimony	121-1	503.70	512.50	495.54	503.91	1.68	ppb
Arsenic	75-2	494.69	522.55	502.71	506.65	2.83	ppb
Barium	135-1	2499.24	2543.89	2459.39	2500.84	1.69	ppb
Barium	137-1	2501.34	2567.03	2458.20	2508.86	2.18	ppb
Beryllium	9-1	506.19	506.11	493.54	501.95	1.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	498.86	489.59	488.00	492.15	1.19	ppb
Boron	11-1	489.83	492.84	492.95	491.87	0.36	ppb
Cadmium	111-1	506.64	519.79	498.85	508.43	2.08	ppb
Cadmium	106-1	505.23	514.29	486.27	501.93	2.85	ppb
Cadmium	108-1	511.31	502.97	496.95	503.74	1.43	ppb
Calcium	43-1	47136.17	47453.30	46398.02	46995.83	1.15	ppb
Calcium	44-1	47726.17	48153.27	46859.90	47579.78	1.39	ppb
Chromium	52-2	497.30	530.57	501.27	509.71	3.56	ppb
Cobalt	59-2	498.75	531.27	502.58	510.87	3.48	ppb
Copper	63-2	1003.38	1071.82	1014.52	1029.90	3.57	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25819.65	27666.82	26030.51	26505.66	3.81	ppb
Iron	57-2	25564.38	27435.74	25893.98	26298.03	3.80	ppb
Lead	206-1	495.00	488.38	475.20	486.19	2.07	ppb
Lead	207-1	496.86	491.52	474.44	487.61	2.40	ppb
Lead	208-1	499.10	493.28	478.81	490.40	2.13	ppb
Lithium	6-1						%
Magnesium	24-2	49072.01	52279.07	48943.46	50098.18	3.77	ppb
Manganese	55-2	996.25	1062.02	1000.81	1019.69	3.60	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.75	496.88	487.14	494.26	1.26	ppb
Molybdenum	95-1	502.68	497.08	490.38	496.71	1.24	ppb
Molybdenum	96-1	500.60	493.14	487.03	493.59	1.38	ppb
Molybdenum	97-1	503.14	495.49	488.74	495.79	1.45	ppb
Molybdenum	98-1	505.03	495.75	488.00	496.26	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.46	537.20	504.42	514.69	3.79	ppb
Phosphorus	31-2	9910.45	10954.38	10178.22	10347.68	5.24	ppb
Potassium	39-2	24790.86	26466.96	24851.32	25369.71	3.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	463.66	524.27	495.25	494.39	6.13	ppb
Selenium	78-2	505.10	531.72	500.85	512.56	3.26	ppb
Selenium	82-1	498.57	507.63	493.79	500.00	1.41	ppb
Silicon	28-1	534.23	544.01	529.23	535.82	1.40	ppb
Silver	109-1	511.37	520.74	502.09	511.40	1.82	ppb
Silver	107-1	513.83	512.99	499.11	508.64	1.63	ppb
Sodium	23-2	49689.42	53161.02	50414.14	51088.19	3.58	ppb
Strontium	86-1	497.14	506.10	488.96	497.40	1.72	ppb
Strontium	88-1	499.32	501.01	491.06	497.13	1.07	ppb
Sulfur	34-1	9730.92	9819.87	9249.85	9600.21	3.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.07	493.16	481.88	493.70	2.45	ppb
Thallium	205-1	499.83	486.68	475.65	487.38	2.48	ppb
Tin	118-1	501.38	514.72	498.01	504.70	1.75	ppb
Titanium	47-1	494.08	499.96	486.25	493.43	1.39	ppb
Uranium	238-1	497.07	500.16	478.20	491.81	2.42	ppb
Vanadium	51-2	492.91	527.84	500.20	506.98	3.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	995.03	1057.56	1008.32	1020.30	3.23	ppb
Zirconium	90-1	501.31	499.69	486.53	495.84	1.64	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.88	500.78	485.32	494.99	1.70	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:28:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19181.46	19294.88	19357.73	19278.02	0.46	ppb
Antimony	121-1	997.25	996.99	997.07	997.10	0.01	ppb
Arsenic	75-2	1002.15	998.53	988.44	996.37	0.71	ppb
Barium	135-1	4998.29	5001.20	4999.09	4999.53	0.03	ppb
Barium	137-1	4960.26	4983.92	5029.50	4991.22	0.71	ppb
Beryllium	9-1	996.92	998.19	996.49	997.20	0.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1011.48	999.49	1007.18	1006.05	0.60	ppb
Boron	11-1	989.69	1015.51	1013.67	1006.29	1.43	ppb
Cadmium	111-1	985.18	996.85	995.52	992.51	0.64	ppb
Cadmium	106-1	1001.92	992.48	992.03	995.48	0.56	ppb
Cadmium	108-1	987.10	1003.64	993.47	994.74	0.84	ppb
Calcium	43-1	93938.10	94675.96	94574.14	94396.07	0.42	ppb
Calcium	44-1	95992.58	95484.00	95274.08	95583.55	0.39	ppb
Chromium	52-2	986.20	996.98	1001.39	994.85	0.79	ppb
Cobalt	59-2	981.72	998.41	999.38	993.17	1.00	ppb
Copper	63-2	1963.80	1987.63	1989.07	1980.17	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51067.05	51569.74	51813.92	51483.57	0.74	ppb
Iron	57-2	50628.60	51189.36	51340.78	51052.91	0.73	ppb
Lead	206-1	1008.50	1009.15	1007.74	1008.46	0.07	ppb
Lead	207-1	1006.56	1010.85	1005.84	1007.75	0.27	ppb
Lead	208-1	1005.66	1008.56	1004.53	1006.25	0.21	ppb
Lithium	6-1						%
Magnesium	24-2	96560.54	98445.08	97056.08	97353.90	1.00	ppb
Manganese	55-2	1976.77	1987.54	2003.32	1989.21	0.67	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:28:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	996.24	1017.94	997.67	1003.95	1.21	ppb
Molybdenum	95-1	996.97	1014.05	995.03	1002.02	1.04	ppb
Molybdenum	96-1	997.56	1015.19	999.28	1004.01	0.97	ppb
Molybdenum	97-1	997.20	1007.88	1000.30	1001.79	0.55	ppb
Molybdenum	98-1	1000.59	1013.45	993.01	1002.35	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	977.76	994.00	998.76	990.17	1.11	ppb
Phosphorus	31-2	19511.88	20046.84	19909.78	19822.83	1.40	ppb
Potassium	39-2	49151.00	49509.51	49115.42	49258.64	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1017.40	994.05	991.01	1000.82	1.44	ppb
Selenium	78-2	998.02	981.79	996.49	992.10	0.90	ppb
Selenium	82-1	994.15	1007.48	990.35	997.32	0.90	ppb
Silicon	28-1	974.55	982.91	975.72	977.73	0.46	ppb
Silver	109-1	997.18	983.72	992.96	991.29	0.69	ppb
Silver	107-1	983.96	996.25	997.20	992.47	0.74	ppb
Sodium	23-2	98294.23	98949.27	99151.79	98798.43	0.45	ppb
Strontium	86-1	994.73	1010.47	998.70	1001.30	0.82	ppb
Strontium	88-1	1009.84	997.01	993.47	1000.11	0.86	ppb
Sulfur	34-1	20391.45	20289.23	20287.81	20322.83	0.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1007.51	1002.26	1002.14	1003.97	0.31	ppb
Thallium	205-1	1011.90	1003.62	1003.32	1006.28	0.48	ppb
Tin	118-1	992.84	999.17	997.59	996.53	0.33	ppb
Titanium	47-1	1008.72	1003.28	994.68	1002.23	0.71	ppb
Uranium	238-1	1004.37	1010.80	1002.37	1005.85	0.44	ppb
Vanadium	51-2	989.53	997.99	1003.84	997.12	0.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1973.17	1996.15	1988.03	1985.79	0.59	ppb
Zirconium	90-1	1003.70	1008.39	996.94	1003.01	0.57	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:28:57	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.51	1014.38	993.05	1003.31	1.07	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:32:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99920.92	101056.70	99498.41	100158.68	0.80	ppb
Antimony	121-1	3.77	3.68	3.59	3.68	2.32	ppb
Arsenic	75-2	0.59	0.59	0.70	0.63	10.13	ppb
Barium	135-1	2.58	2.56	2.41	2.52	3.83	ppb
Barium	137-1	2.43	2.46	2.49	2.46	1.32	ppb
Beryllium	9-1	0.90	0.77	0.78	0.82	8.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.82	55.15	51.71	54.89	5.58	ppb
Boron	11-1	59.14	55.14	52.25	55.51	6.23	ppb
Cadmium	111-1	0.27	0.22	0.32	0.27	18.41	ppb
Cadmium	106-1	0.19	-0.29	0.67	0.19	254.76	ppb
Cadmium	108-1	0.38	0.28	0.45	0.37	24.28	ppb
Calcium	43-1	494719.60	501474.95	508282.92	501492.49	1.35	ppb
Calcium	44-1	496726.20	497710.83	509062.25	501166.43	1.37	ppb
Chromium	52-2	29.37	29.13	29.55	29.35	0.71	ppb
Cobalt	59-2	1.71	1.70	1.71	1.71	0.64	ppb
Copper	63-2	4.13	4.13	4.15	4.14	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249417.21	248646.30	250471.15	249511.55	0.37	ppb
Iron	57-2	250038.34	250374.02	248456.86	249623.07	0.41	ppb
Lead	206-1	2.03	2.08	2.16	2.09	3.16	ppb
Lead	207-1	1.93	1.94	1.89	1.92	1.50	ppb
Lead	208-1	1.99	1.98	2.05	2.01	1.74	ppb
Lithium	6-1						%
Magnesium	24-2	501773.26	499553.16	500261.36	500529.26	0.23	ppb
Manganese	55-2	10.49	10.28	10.39	10.39	1.00	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:32:29	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	1.87	1.98	1.95	3.59	ppb
Molybdenum	95-1	5.32	5.34	5.33	5.33	0.16	ppb
Molybdenum	96-1	5.77	5.78	5.84	5.80	0.65	ppb
Molybdenum	97-1	5.39	5.30	5.60	5.43	2.74	ppb
Molybdenum	98-1	5.36	5.03	5.21	5.20	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.72	17.26	16.84	16.94	1.66	ppb
Phosphorus	31-2	4.97	9.88	9.30	8.05	33.37	ppb
Potassium	39-2	251335.67	249439.04	249581.45	250118.72	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.11	1.79	0.43	1.11	61.25	ppb
Selenium	78-2	0.15	0.73	1.51	0.79	86.05	ppb
Selenium	82-1	2.99	1.75	1.83	2.19	31.69	ppb
Silicon	28-1	25.61	28.01	29.74	27.79	7.47	ppb
Silver	109-1	0.21	0.21	0.22	0.21	1.92	ppb
Silver	107-1	0.23	0.20	0.21	0.21	7.21	ppb
Sodium	23-2	498559.28	501393.50	500394.15	500115.64	0.29	ppb
Strontium	86-1	34.62	34.28	35.11	34.67	1.19	ppb
Strontium	88-1	34.66	34.62	35.60	34.96	1.59	ppb
Sulfur	34-1	-583.44	-600.31	-421.94	-535.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.76	0.79	0.79	0.78	2.45	ppb
Thallium	205-1	0.82	0.76	0.80	0.79	4.02	ppb
Tin	118-1	1.61	1.70	1.54	1.62	4.77	ppb
Titanium	47-1	1.72	1.79	1.89	1.80	4.73	ppb
Uranium	238-1	0.30	0.29	0.29	0.29	2.98	ppb
Vanadium	51-2	0.69	0.69	0.61	0.66	6.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.12	15.99	16.14	16.08	0.51	ppb
Zirconium	90-1	0.35	0.30	0.31	0.32	7.92	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:32:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.34	0.35	0.36	6.96	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:36:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.54	481.80	487.48	485.94	0.75	ppb
Antimony	121-1	199.94	195.22	199.20	198.12	1.28	ppb
Arsenic	75-2	203.36	200.25	201.44	201.68	0.78	ppb
Barium	135-1	101.49	99.48	100.23	100.40	1.01	ppb
Barium	137-1	100.76	99.67	101.02	100.49	0.71	ppb
Beryllium	9-1	101.72	98.67	101.03	100.47	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	532.37	521.65	534.68	529.57	1.31	ppb
Boron	11-1	536.61	533.72	543.11	537.81	0.89	ppb
Cadmium	111-1	108.04	106.86	107.89	107.60	0.60	ppb
Cadmium	106-1	175.26	183.95	178.00	179.07	2.48	ppb
Cadmium	108-1	146.98	145.37	143.56	145.30	1.18	ppb
Calcium	43-1	2114.86	2018.78	2076.09	2069.91	2.34	ppb
Calcium	44-1	2010.95	1982.84	1980.23	1991.34	0.86	ppb
Chromium	52-2	98.40	97.68	97.56	97.88	0.46	ppb
Cobalt	59-2	101.85	101.97	100.76	101.53	0.66	ppb
Copper	63-2	102.61	101.97	102.41	102.33	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1064.38	1053.38	1059.62	1059.13	0.52	ppb
Iron	57-2	1027.77	1046.19	1027.40	1033.78	1.04	ppb
Lead	206-1	198.21	195.11	194.40	195.91	1.03	ppb
Lead	207-1	191.71	187.88	187.21	188.93	1.29	ppb
Lead	208-1	195.42	190.71	191.76	192.63	1.28	ppb
Lithium	6-1						%
Magnesium	24-2	1176.20	1152.67	1169.42	1166.10	1.04	ppb
Manganese	55-2	98.70	97.85	99.26	98.60	0.72	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:36:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	489.39	479.33	484.13	484.28	1.04	ppb
Molybdenum	95-1	470.38	462.53	463.12	465.35	0.94	ppb
Molybdenum	96-1	472.38	462.14	464.73	466.42	1.14	ppb
Molybdenum	97-1	472.42	461.78	468.49	467.56	1.15	ppb
Molybdenum	98-1	469.19	457.55	463.36	463.36	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.48	103.51	104.87	104.29	0.67	ppb
Phosphorus	31-2	6.40	6.13	3.47	5.34	30.33	ppb
Potassium	39-2	1989.87	1981.10	1980.82	1983.93	0.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	219.61	209.58	212.08	213.75	2.44	ppb
Selenium	78-2	207.04	214.67	209.82	210.51	1.84	ppb
Selenium	82-1	208.08	202.74	204.67	205.16	1.32	ppb
Silicon	28-1	446.36	439.53	441.45	442.44	0.80	ppb
Silver	109-1	105.77	103.15	105.05	104.66	1.29	ppb
Silver	107-1	104.71	103.48	105.47	104.55	0.96	ppb
Sodium	23-2	2054.97	2058.22	2038.76	2050.65	0.51	ppb
Strontium	86-1	476.46	469.61	476.46	474.18	0.83	ppb
Strontium	88-1	483.74	474.36	478.70	478.93	0.98	ppb
Sulfur	34-1	-617.86	-679.32	-814.89	-704.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	203.29	196.31	200.05	199.89	1.75	ppb
Thallium	205-1	204.68	199.34	200.64	201.55	1.38	ppb
Tin	118-1	488.72	476.48	485.60	483.60	1.32	ppb
Titanium	47-1	475.69	472.07	468.92	472.23	0.72	ppb
Uranium	238-1	492.92	477.69	484.10	484.90	1.58	ppb
Vanadium	51-2	97.84	98.03	98.40	98.09	0.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	210.20	206.35	209.21	208.58	0.96	ppb
Zirconium	90-1	501.22	495.39	499.87	498.83	0.61	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:36:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.68	490.84	494.41	493.98	0.60	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:39:39 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.45	0.23	-0.13		ppb
Antimony	121-1	0.95	0.82	0.83	0.87	8.81	ppb
Arsenic	75-2	0.05	0.09	0.10	0.08	33.17	ppb
Barium	135-1	0.02	0.00	0.01	0.01	119.01	ppb
Barium	137-1	0.02	0.00	0.00	0.01	247.50	ppb
Beryllium	9-1	0.42	0.25	0.16	0.28	47.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.30	24.26	22.41	24.32	7.99	ppb
Boron	11-1	26.67	24.08	22.86	24.54	7.93	ppb
Cadmium	111-1	0.02	0.06	0.13	0.07	79.92	ppb
Cadmium	106-1	0.06	0.72	1.62	0.80	98.24	ppb
Cadmium	108-1	0.03	0.06	0.03	0.04	45.69	ppb
Calcium	43-1	2.86	5.51	2.05	3.47	52.00	ppb
Calcium	44-1	2.27	0.73	1.09	1.36	58.85	ppb
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	68.08	ppb
Copper	63-2	0.06	0.08	-0.03	0.03	160.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.99	4.12	4.94	4.35	11.85	ppb
Iron	57-2	3.13	3.11	3.99	3.41	14.75	ppb
Lead	206-1	0.08	0.07	0.09	0.08	13.75	ppb
Lead	207-1	0.06	0.09	0.08	0.08	18.61	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.48	ppb
Lithium	6-1						%
Magnesium	24-2	-11.30	-9.05	-9.76	-10.04		ppb
Manganese	55-2	-0.25	-0.30	-0.20	-0.25		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:39:39	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.13	0.16	14.79	ppb
Molybdenum	95-1	0.41	0.38	0.27	0.35	20.58	ppb
Molybdenum	96-1	0.32	0.31	0.25	0.29	12.39	ppb
Molybdenum	97-1	0.42	0.38	0.37	0.39	6.97	ppb
Molybdenum	98-1	0.38	0.36	0.29	0.34	14.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.41	0.87	0.63	36.56	ppb
Phosphorus	31-2	-13.13	8.87	-7.46	-3.90		ppb
Potassium	39-2	-17.92	-12.65	-10.80	-13.79		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-0.67	0.55	0.16	0.01	5370.59	ppb
Selenium	82-1	-0.53	1.36	-0.09	0.25	400.18	ppb
Silicon	28-1	-3.68	-5.14	-4.82	-4.54		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.67	ppb
Silver	107-1	0.02	0.01	0.00	0.01	79.28	ppb
Sodium	23-2	23.85	27.08	23.43	24.79	8.05	ppb
Strontium	86-1	-0.07	-0.04	-0.02	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	210.19	ppb
Sulfur	34-1	-689.26	-811.17	-676.17	-725.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.07	0.07	0.07	12.77	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	6.82	ppb
Tin	118-1	0.55	0.49	0.42	0.49	13.63	ppb
Titanium	47-1	0.02	0.02	0.04	0.03	48.15	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	28.84	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	113.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.26	0.02	0.12	100.70	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	14.76	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:39:39	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	11.04	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:43:09 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95780.57	91959.18	92399.85	93379.87	2.24	ppb
Antimony	121-1	1.47	1.49	1.49	1.48	0.61	ppb
Arsenic	75-2	0.28	0.49	0.27	0.35	36.68	ppb
Barium	135-1	1.34	1.40	1.50	1.41	5.87	ppb
Barium	137-1	1.48	1.43	1.48	1.47	1.96	ppb
Beryllium	9-1	0.52	0.49	0.44	0.48	9.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.64	18.36	17.07	17.69	3.64	ppb
Boron	11-1	19.15	18.04	17.93	18.37	3.68	ppb
Cadmium	111-1	0.38	0.44	0.38	0.40	8.61	ppb
Cadmium	106-1	-0.38	0.24	0.57	0.14	343.24	ppb
Cadmium	108-1	10.10	9.33	9.57	9.67	4.10	ppb
Calcium	43-1	92841.92	92029.30	92994.41	92621.88	0.56	ppb
Calcium	44-1	94665.20	93648.97	93720.49	94011.55	0.60	ppb
Chromium	52-2	20.33	19.23	19.76	19.77	2.79	ppb
Cobalt	59-2	1.13	1.11	1.13	1.12	0.99	ppb
Copper	63-2	8.19	7.88	8.00	8.02	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	105770.89	101423.58	101627.35	102940.60	2.38	ppb
Iron	57-2	104958.01	100577.80	101255.52	102263.77	2.31	ppb
Lead	206-1	5.62	5.17	5.27	5.35	4.42	ppb
Lead	207-1	5.01	4.67	4.68	4.78	4.05	ppb
Lead	208-1	5.17	4.92	4.87	4.99	3.26	ppb
Lithium	6-1						%
Magnesium	24-2	99015.53	94242.34	94712.91	95990.26	2.74	ppb
Manganese	55-2	7.97	7.49	7.73	7.73	3.15	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:43:09	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	609.37	598.39	606.06	604.60	0.93	ppb
Molybdenum	95-1	1933.23	1892.09	1891.06	1905.46	1.26	ppb
Molybdenum	96-1	1615.94	1609.24	1619.37	1614.85	0.32	ppb
Molybdenum	97-1	1939.34	1888.64	1920.46	1916.15	1.34	ppb
Molybdenum	98-1	1945.76	1914.00	1928.64	1929.46	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.16	6.03	5.88	6.03	2.32	ppb
Phosphorus	31-2	101349.70	96287.83	97374.62	98337.38	2.71	ppb
Potassium	39-2	101954.32	97389.27	97186.85	98843.48	2.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	1.74	-0.25	0.42	275.58	ppb
Selenium	78-2	0.31	0.39	1.23	0.64	79.77	ppb
Selenium	82-1	1.17	0.60	0.17	0.65	77.73	ppb
Silicon	28-1	20.65	20.64	21.50	20.93	2.36	ppb
Silver	109-1	0.05	0.07	0.07	0.06	17.12	ppb
Silver	107-1	0.06	0.07	0.08	0.07	13.22	ppb
Sodium	23-2	102439.37	97421.38	97690.19	99183.65	2.85	ppb
Strontium	86-1	32.61	33.12	32.68	32.80	0.85	ppb
Strontium	88-1	33.70	33.29	33.37	33.45	0.65	ppb
Sulfur	34-1	104972.83	103561.00	103498.97	104010.94	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.26	0.25	0.25	2.96	ppb
Thallium	205-1	0.24	0.28	0.26	0.26	7.75	ppb
Tin	118-1	0.49	0.50	0.52	0.50	2.93	ppb
Titanium	47-1	1958.03	1936.71	1948.01	1947.58	0.55	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	15.51	ppb
Vanadium	51-2	0.13	0.20	0.16	0.16	20.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.17	11.94	11.50	11.87	2.87	ppb
Zirconium	90-1	0.70	0.53	0.47	0.56	21.19	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:43:09	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.70	0.53	0.53	0.58	16.57	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90737.70	93660.31	90491.97	91629.99	1.92	ppb
Antimony	121-1	20.60	20.55	20.52	20.56	0.21	ppb
Arsenic	75-2	19.34	21.01	19.57	19.97	4.54	ppb
Barium	135-1	21.88	21.08	21.18	21.38	2.03	ppb
Barium	137-1	21.39	21.65	21.15	21.40	1.17	ppb
Beryllium	9-1	20.30	20.38	20.50	20.39	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.74	63.19	64.17	65.03	3.69	ppb
Boron	11-1	65.35	66.60	67.17	66.37	1.40	ppb
Cadmium	111-1	19.92	19.85	19.69	19.82	0.59	ppb
Cadmium	106-1	23.88	22.57	23.98	23.48	3.35	ppb
Cadmium	108-1	31.18	32.13	32.90	32.07	2.70	ppb
Calcium	43-1	91452.78	92251.67	92266.00	91990.15	0.51	ppb
Calcium	44-1	93182.17	93204.44	93441.90	93276.17	0.15	ppb
Chromium	52-2	39.07	40.45	38.76	39.42	2.28	ppb
Cobalt	59-2	20.52	21.60	21.18	21.10	2.57	ppb
Copper	63-2	27.85	28.62	27.96	28.14	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99886.40	104594.82	101460.00	101980.41	2.35	ppb
Iron	57-2	99931.40	103783.31	101116.92	101610.54	1.94	ppb
Lead	206-1	25.13	24.85	24.76	24.91	0.78	ppb
Lead	207-1	23.03	23.09	23.09	23.07	0.13	ppb
Lead	208-1	23.85	23.73	23.55	23.71	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	94485.34	96966.07	93926.52	95125.98	1.70	ppb
Manganese	55-2	27.84	28.32	27.56	27.91	1.38	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	658.70	647.51	653.35	653.19	0.86	ppb
Molybdenum	95-1	1960.25	1893.85	1950.29	1934.80	1.85	ppb
Molybdenum	96-1	1669.03	1643.06	1671.08	1661.05	0.94	ppb
Molybdenum	97-1	1982.02	1929.04	1954.37	1955.14	1.36	ppb
Molybdenum	98-1	1986.56	1931.63	1951.70	1956.63	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.64	27.23	26.76	26.88	1.17	ppb
Phosphorus	31-2	95648.98	99309.57	96979.02	97312.52	1.90	ppb
Potassium	39-2	96336.07	99956.24	97439.65	97910.65	1.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.13	27.14	26.26	22.84	29.29	ppb
Selenium	78-2	19.44	20.11	21.86	20.47	6.10	ppb
Selenium	82-1	21.14	19.73	20.07	20.31	3.65	ppb
Silicon	28-1	68.90	68.17	71.48	69.52	2.50	ppb
Silver	109-1	19.05	18.84	18.78	18.89	0.73	ppb
Silver	107-1	18.91	18.97	19.00	18.96	0.24	ppb
Sodium	23-2	97412.10	99501.92	97075.56	97996.53	1.34	ppb
Strontium	86-1	83.85	82.53	83.46	83.28	0.82	ppb
Strontium	88-1	83.97	81.93	83.69	83.20	1.33	ppb
Sulfur	34-1	102312.27	102746.82	102594.01	102551.04	0.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.29	20.38	20.40	20.36	0.29	ppb
Thallium	205-1	20.43	20.41	20.37	20.40	0.15	ppb
Tin	118-1	49.73	49.80	49.83	49.79	0.11	ppb
Titanium	47-1	1970.38	1966.53	1985.61	1974.18	0.51	ppb
Uranium	238-1	49.95	50.14	50.00	50.03	0.20	ppb
Vanadium	51-2	19.36	20.12	19.74	19.74	1.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.53	32.26	31.74	31.84	1.19	ppb
Zirconium	90-1	52.73	52.03	52.62	52.46	0.72	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	52.69	52.44	53.18	52.77	0.71	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49222.30	50104.92	49901.04	49742.75	0.93	ppb
Antimony	121-1	492.71	482.26	492.15	489.04	1.20	ppb
Arsenic	75-2	498.70	499.18	496.32	498.07	0.31	ppb
Barium	135-1	2503.96	2461.59	2502.38	2489.31	0.96	ppb
Barium	137-1	2488.67	2445.35	2486.01	2473.34	0.98	ppb
Beryllium	9-1	513.07	511.77	513.53	512.79	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	509.15	521.45	542.51	524.37	3.22	ppb
Boron	11-1	527.38	527.55	531.04	528.66	0.39	ppb
Cadmium	111-1	484.23	472.82	477.65	478.23	1.20	ppb
Cadmium	106-1	491.25	470.51	480.32	480.70	2.16	ppb
Cadmium	108-1	484.29	471.37	472.60	476.09	1.50	ppb
Calcium	43-1	240729.88	237478.97	238243.13	238817.33	0.71	ppb
Calcium	44-1	239756.06	235785.36	237523.99	237688.47	0.84	ppb
Chromium	52-2	500.71	506.54	504.06	503.77	0.58	ppb
Cobalt	59-2	480.81	485.95	481.37	482.71	0.58	ppb
Copper	63-2	939.75	945.94	944.28	943.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123054.57	124103.87	123968.92	123709.12	0.46	ppb
Iron	57-2	123020.93	124249.09	123202.74	123490.92	0.54	ppb
Lead	206-1	503.36	498.66	494.62	498.88	0.88	ppb
Lead	207-1	500.75	496.24	497.73	498.24	0.46	ppb
Lead	208-1	504.35	499.21	501.92	501.83	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	241628.90	244534.60	241609.72	242591.08	0.69	ppb
Manganese	55-2	971.74	984.28	981.17	979.06	0.67	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.73	488.25	481.70	488.56	1.44	ppb
Molybdenum	95-1	500.30	492.48	490.04	494.27	1.08	ppb
Molybdenum	96-1	497.79	487.63	488.39	491.27	1.15	ppb
Molybdenum	97-1	504.82	490.80	486.72	494.11	1.92	ppb
Molybdenum	98-1	501.83	491.70	486.33	493.29	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.76	486.50	483.57	483.61	0.59	ppb
Phosphorus	31-2	9716.37	10141.94	9946.76	9935.02	2.14	ppb
Potassium	39-2	122888.83	123628.07	123391.46	123302.79	0.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	496.50	500.33	486.41	494.41	1.45	ppb
Selenium	78-2	485.98	489.01	488.30	487.76	0.32	ppb
Selenium	82-1	480.65	474.87	470.87	475.46	1.03	ppb
Silicon	28-1	508.55	509.16	514.76	510.82	0.67	ppb
Silver	109-1	489.17	478.99	480.94	483.03	1.12	ppb
Silver	107-1	489.88	477.47	481.32	482.89	1.32	ppb
Sodium	23-2	245488.20	248501.06	246137.27	246708.84	0.64	ppb
Strontium	86-1	511.07	497.19	497.20	501.82	1.60	ppb
Strontium	88-1	512.17	505.40	503.55	507.04	0.90	ppb
Sulfur	34-1	9297.75	9065.90	9103.30	9155.65	1.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.70	507.13	505.76	508.53	0.72	ppb
Thallium	205-1	512.07	504.49	504.79	507.12	0.85	ppb
Tin	118-1	497.01	490.32	491.68	493.00	0.72	ppb
Titanium	47-1	503.62	492.32	499.14	498.36	1.14	ppb
Uranium	238-1	524.69	513.66	520.83	519.73	1.08	ppb
Vanadium	51-2	494.46	498.34	496.88	496.56	0.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	926.37	939.27	928.64	931.43	0.74	ppb
Zirconium	90-1	489.32	487.64	485.79	487.58	0.36	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.04	486.39	484.67	489.37	1.37	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.23	0.18	0.23	23.90	ppb
Antimony	121-1	1.31	1.28	1.13	1.24	7.78	ppb
Arsenic	75-2	0.15	0.14	0.14	0.15	3.59	ppb
Barium	135-1	0.07	0.07	0.02	0.05	49.35	ppb
Barium	137-1	0.04	0.04	0.03	0.04	8.56	ppb
Beryllium	9-1	0.53	0.41	0.44	0.46	13.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.65	21.24	21.02	21.97	6.63	ppb
Boron	11-1	22.48	20.33	19.72	20.84	6.94	ppb
Cadmium	111-1	0.06	0.11	0.08	0.08	25.87	ppb
Cadmium	106-1	0.55	1.09	0.91	0.85	32.16	ppb
Cadmium	108-1	0.09	0.03	0.25	0.12	92.02	ppb
Calcium	43-1	6.32	1.33	2.27	3.31	80.19	ppb
Calcium	44-1	4.14	3.74	3.49	3.79	8.70	ppb
Chromium	52-2	-0.02	0.04	0.01	0.01	245.69	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	66.10	ppb
Copper	63-2	0.21	0.24	0.15	0.20	21.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.37	9.54	8.48	9.13	6.23	ppb
Iron	57-2	9.26	11.99	7.67	9.64	22.69	ppb
Lead	206-1	0.31	0.36	0.35	0.34	7.61	ppb
Lead	207-1	0.28	0.30	0.33	0.30	7.61	ppb
Lead	208-1	0.30	0.32	0.33	0.31	4.53	ppb
Lithium	6-1						%
Magnesium	24-2	-7.79	-9.49	-7.83	-8.37		ppb
Manganese	55-2	-0.20	-0.13	-0.13	-0.16		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.25	0.23	0.25	5.74	ppb
Molybdenum	95-1	0.58	0.56	0.49	0.54	8.47	ppb
Molybdenum	96-1	0.46	0.48	0.41	0.45	7.92	ppb
Molybdenum	97-1	0.61	0.56	0.53	0.57	7.50	ppb
Molybdenum	98-1	0.55	0.50	0.45	0.50	10.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	3.50	3.05	3.20	8.25	ppb
Phosphorus	31-2	0.82	-14.98	3.62	-3.52		ppb
Potassium	39-2	-3.74	-0.18	-1.02	-1.65		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	0.42	1.05	0.41	159.30	ppb
Selenium	78-2	1.16	1.38	1.36	1.30	9.55	ppb
Selenium	82-1	0.87	1.72	1.29	1.29	32.94	ppb
Silicon	28-1	-4.37	-4.06	-5.47	-4.63		ppb
Silver	109-1	0.03	0.05	0.03	0.04	22.47	ppb
Silver	107-1	0.05	0.05	0.04	0.05	6.14	ppb
Sodium	23-2	56.11	58.03	48.28	54.14	9.54	ppb
Strontium	86-1	-0.05	-0.05	-0.06	-0.05		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	82.11	ppb
Sulfur	34-1	-1094.73	-1186.85	-1348.61	-1210.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.10	0.09	0.11	15.57	ppb
Thallium	205-1	0.11	0.11	0.10	0.10	8.84	ppb
Tin	118-1	0.47	0.44	0.39	0.43	9.21	ppb
Titanium	47-1	0.08	0.15	0.07	0.10	42.19	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	40.88	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	103.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.25	0.28	0.28	10.16	ppb
Zirconium	90-1	0.14	0.13	0.13	0.13	6.96	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.10	0.12	15.22	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.80	18.86	16.59	18.42	8.95	ppb
Antimony	121-1	2.20	2.26	2.23	2.23	1.45	ppb
Arsenic	75-2	0.90	1.06	0.99	0.98	8.01	ppb
Barium	135-1	8.99	9.01	8.69	8.90	2.04	ppb
Barium	137-1	9.27	8.84	9.04	9.05	2.42	ppb
Beryllium	9-1	1.22	1.04	1.33	1.20	12.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.44	35.03	34.99	35.49	2.34	ppb
Boron	11-1	34.28	33.86	34.44	34.19	0.87	ppb
Cadmium	111-1	1.10	0.96	1.08	1.05	7.04	ppb
Cadmium	106-1	2.11	1.23	1.51	1.62	27.85	ppb
Cadmium	108-1	1.14	1.14	0.80	1.03	19.40	ppb
Calcium	43-1	437.93	438.38	410.81	429.04	3.68	ppb
Calcium	44-1	440.41	438.72	441.15	440.09	0.28	ppb
Chromium	52-2	1.95	2.04	1.86	1.95	4.64	ppb
Cobalt	59-2	0.95	1.00	0.93	0.96	3.97	ppb
Copper	63-2	2.07	2.26	2.09	2.14	4.81	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	55.94	57.09	54.14	55.72	2.67	ppb
Iron	57-2	59.55	57.01	55.04	57.20	3.95	ppb
Lead	206-1	3.14	2.98	2.86	3.00	4.76	ppb
Lead	207-1	3.18	2.86	2.84	2.96	6.42	ppb
Lead	208-1	3.11	2.92	2.82	2.95	4.99	ppb
Lithium	6-1						%
Magnesium	24-2	435.96	456.95	437.52	443.48	2.64	ppb
Manganese	55-2	0.79	0.91	0.80	0.83	7.92	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.19	2.21	2.30	2.24	2.62	ppb
Molybdenum	95-1	4.66	4.46	4.56	4.56	2.27	ppb
Molybdenum	96-1	4.14	4.10	4.19	4.14	1.02	ppb
Molybdenum	97-1	4.60	4.63	4.63	4.62	0.42	ppb
Molybdenum	98-1	4.64	4.64	4.63	4.64	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.63	3.77	3.62	3.67	2.26	ppb
Phosphorus	31-2	7.06	18.97	3.96	9.99	79.30	ppb
Potassium	39-2	455.81	470.66	458.05	461.51	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.31	5.73	2.34	4.13	41.35	ppb
Selenium	78-2	6.04	4.92	6.70	5.88	15.32	ppb
Selenium	82-1	4.86	5.11	5.42	5.13	5.49	ppb
Silicon	28-1	3.40	0.97	2.34	2.24	54.58	ppb
Silver	109-1	1.31	1.27	1.31	1.30	1.88	ppb
Silver	107-1	1.29	1.27	1.33	1.30	2.38	ppb
Sodium	23-2	513.70	533.12	509.98	518.93	2.39	ppb
Strontium	86-1	0.92	0.88	0.82	0.87	5.82	ppb
Strontium	88-1	0.95	0.98	0.91	0.95	3.45	ppb
Sulfur	34-1	-629.80	-803.48	-800.49	-744.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.95	1.06	1.00	1.00	5.64	ppb
Thallium	205-1	1.02	1.02	1.03	1.02	0.53	ppb
Tin	118-1	4.70	4.64	4.70	4.68	0.67	ppb
Titanium	47-1	4.52	4.15	4.57	4.41	5.10	ppb
Uranium	238-1	0.89	0.88	0.86	0.87	1.59	ppb
Vanadium	51-2	4.64	4.71	4.52	4.62	2.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.21	2.05	2.35	2.20	6.94	ppb
Zirconium	90-1	1.06	1.14	1.15	1.11	4.07	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.11	1.16	1.14	1.13	2.25	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	-0.67	-0.40	-0.54		ppb
Antimony	121-1	0.12	0.12	0.12	0.12	1.08	ppb
Arsenic	75-2	-0.03	-0.02	0.00	-0.02		ppb
Barium	135-1	0.00	0.00	0.01	0.00	231.23	ppb
Barium	137-1	0.02	0.00	-0.01	0.00	389.00	ppb
Beryllium	9-1	-0.07	0.05	0.04	0.01	832.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.99	6.28	6.65	6.31	5.24	ppb
Boron	11-1	6.59	6.44	6.58	6.54	1.27	ppb
Cadmium	111-1	-0.04	-0.06	0.03	-0.02		ppb
Cadmium	106-1	-0.64	-0.90	0.32	-0.41		ppb
Cadmium	108-1	0.06	0.03	0.03	0.04	47.57	ppb
Calcium	43-1	-0.10	-3.63	-1.74	-1.82		ppb
Calcium	44-1	0.68	0.97	0.60	0.75	25.83	ppb
Chromium	52-2	-0.06	-0.03	-0.03	-0.04		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	95.44	ppb
Copper	63-2	-0.09	-0.10	-0.09	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.03	4.99	5.80	5.27	8.64	ppb
Iron	57-2	6.14	7.78	8.54	7.49	16.42	ppb
Lead	206-1	0.22	0.19	0.23	0.21	9.25	ppb
Lead	207-1	0.18	0.19	0.19	0.19	1.14	ppb
Lead	208-1	0.20	0.20	0.20	0.20	2.27	ppb
Lithium	6-1						%
Magnesium	24-2	-9.36	-6.73	-7.39	-7.82		ppb
Manganese	55-2	-0.12	-0.14	-0.15	-0.14		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.05	0.05	27.28	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	14.94	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.05	9.46	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	11.42	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	3.30	3.45	3.26	6.30	ppb
Phosphorus	31-2	13.10	15.64	-1.81	8.97	105.07	ppb
Potassium	39-2	-0.41	-6.88	-8.24	-5.17		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.69	-0.02	0.10	0.26	147.33	ppb
Selenium	82-1	0.13	-0.40	-0.11	-0.13		ppb
Silicon	28-1	-6.22	-5.51	-6.20	-5.98		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.00	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.99	ppb
Sodium	23-2	26.87	29.64	31.53	29.35	7.98	ppb
Strontium	86-1	-0.08	-0.01	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1724.20	ppb
Sulfur	34-1	-613.92	-614.30	-625.54	-617.92		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.04	0.05	11.35	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	35.16	ppb
Tin	118-1	0.10	0.05	0.07	0.07	29.44	ppb
Titanium	47-1	0.02	0.12	0.04	0.06	86.33	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	71.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.16	-0.04	0.08	126.37	ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	23.82	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.02	0.02	46.13	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.94	0.10	0.51	-0.11		ppb
Antimony	121-1	0.07	0.08	0.07	0.08	7.13	ppb
Arsenic	75-2	-0.01	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	0.02	0.01	0.02	34.60	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	-0.02	-0.04	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.48	6.06	5.86	6.13	5.17	ppb
Boron	11-1	6.08	5.86	5.51	5.82	4.89	ppb
Cadmium	111-1	0.01	-0.03	0.03	0.00	817.26	ppb
Cadmium	106-1	0.22	-0.41	0.41	0.07	588.27	ppb
Cadmium	108-1	0.06	0.03	0.03	0.04	48.19	ppb
Calcium	43-1	-2.94	-2.58	-7.24	-4.25		ppb
Calcium	44-1	-1.45	-3.90	-2.56	-2.64		ppb
Chromium	52-2	-0.07	-0.03	-0.05	-0.05		ppb
Cobalt	59-2	0.02	-0.01	0.02	0.01	176.86	ppb
Copper	63-2	-0.14	-0.09	-0.10	-0.11		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.92	4.41	4.13	4.15	5.89	ppb
Iron	57-2	3.23	5.91	3.79	4.31	32.79	ppb
Lead	206-1	483.87	481.79	481.47	482.38	0.27	ppb
Lead	207-1	481.64	483.28	480.39	481.77	0.30	ppb
Lead	208-1	489.50	488.38	490.69	489.52	0.24	ppb
Lithium	6-1						%
Magnesium	24-2	-6.51	-3.92	-5.86	-5.43		ppb
Manganese	55-2	-0.19	-0.16	-0.17	-0.17		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.05	0.04	30.90	ppb
Molybdenum	95-1	0.02	0.04	0.05	0.04	49.62	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	14.65	ppb
Molybdenum	97-1	0.04	0.07	0.07	0.06	24.23	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	15.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.79	3.62	3.51	3.30	13.58	ppb
Phosphorus	31-2	25.45	25.16	2.88	17.83	72.61	ppb
Potassium	39-2	-7.29	-16.10	-5.24	-9.54		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.76	0.07	1.20	0.68	83.78	ppb
Selenium	82-1	0.82	0.07	1.16	0.68	82.10	ppb
Silicon	28-1	-4.43	-5.19	-5.40	-5.01		ppb
Silver	109-1	0.01	0.01	0.02	0.01	18.04	ppb
Silver	107-1	0.01	0.02	0.01	0.01	21.37	ppb
Sodium	23-2	24.80	26.85	25.03	25.56	4.40	ppb
Strontium	86-1	-0.13	-0.10	-0.02	-0.08		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-397.16	-587.70	-539.19	-508.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.06	0.05	14.72	ppb
Thallium	205-1	0.03	0.03	0.05	0.04	25.00	ppb
Tin	118-1	0.27	0.37	0.31	0.32	15.97	ppb
Titanium	47-1	0.06	0.10	0.06	0.07	27.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	115.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.08	0.23	0.15	49.63	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	20.35	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.04	0.04	34.55	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-01 Instrumnet Name : P7
 Client Sample ID : DC2839-01-FL1-CL4-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:12:06 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.20	9.67	13.55	10.14	31.57	ppb
Antimony	121-1	0.15	0.13	0.12	0.14	9.05	ppb
Arsenic	75-2	0.37	0.28	0.24	0.30	22.81	ppb
Barium	135-1	18.43	18.96	18.33	18.57	1.81	ppb
Barium	137-1	18.96	18.67	18.69	18.77	0.85	ppb
Beryllium	9-1	0.03	-0.08	0.00	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.64	7.82	9.35	8.27	11.38	ppb
Boron	11-1	7.39	8.08	6.73	7.40	9.07	ppb
Cadmium	111-1	0.14	0.00	0.10	0.08	94.86	ppb
Cadmium	106-1	1.45	-0.08	0.91	0.76	102.44	ppb
Cadmium	108-1	0.05	0.20	0.14	0.13	56.55	ppb
Calcium	43-1	5089.40	5018.33	5091.19	5066.31	0.82	ppb
Calcium	44-1	5120.24	5125.35	5142.12	5129.24	0.22	ppb
Chromium	52-2	0.09	0.05	0.10	0.08	31.86	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	13.45	ppb
Copper	63-2	113.85	114.69	113.48	114.01	0.54	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.12	18.81	20.46	19.79	4.39	ppb
Iron	57-2	24.66	25.22	23.92	24.60	2.66	ppb
Lead	206-1	0.79	0.81	0.84	0.82	3.09	ppb
Lead	207-1	0.72	0.77	0.76	0.75	3.84	ppb
Lead	208-1	0.77	0.78	0.78	0.77	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	1110.29	1134.78	1130.14	1125.07	1.16	ppb
Manganese	55-2	10.02	9.96	10.05	10.01	0.42	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-01 Instrumnet Name : P7
 Client Sample ID : DC2839-01-FL1-CL4-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:12:06 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.28	0.27	0.28	3.38	ppb
Molybdenum	95-1	0.10	0.05	0.05	0.07	37.61	ppb
Molybdenum	96-1	0.12	0.13	0.10	0.12	14.04	ppb
Molybdenum	97-1	0.07	0.05	0.06	0.06	15.46	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	8.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.52	6.75	6.45	6.57	2.38	ppb
Phosphorus	31-2	650.14	618.55	659.17	642.62	3.32	ppb
Potassium	39-2	493.94	489.97	496.64	493.52	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	0.38	0.38	0.17	209.30	ppb
Selenium	78-2	0.06	-0.02	-0.01	0.01	422.68	ppb
Selenium	82-1	-0.49	0.26	0.82	0.20	334.81	ppb
Silicon	28-1	786.80	795.66	803.64	795.37	1.06	ppb
Silver	109-1	0.01	0.01	0.02	0.02	43.47	ppb
Silver	107-1	0.01	0.02	0.02	0.01	16.75	ppb
Sodium	23-2	10099.62	10211.46	10164.90	10158.66	0.55	ppb
Strontium	86-1	18.77	18.95	19.01	18.91	0.66	ppb
Strontium	88-1	18.96	18.94	19.06	18.99	0.35	ppb
Sulfur	34-1	74.87	27.53	-40.43	20.65	280.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	8.66	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	13.05	ppb
Tin	118-1	0.05	0.07	0.06	0.06	21.68	ppb
Titanium	47-1	0.62	0.38	0.31	0.43	37.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.74	ppb
Vanadium	51-2	0.06	0.08	0.06	0.07	18.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	172.87	172.91	174.53	173.44	0.54	ppb
Zirconium	90-1	0.41	0.38	0.33	0.37	10.45	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-01	Instrumnet Name :	P7
Client Sample ID :	DC2839-01-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:12:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.37	0.35	0.35	5.90	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-02 Instrumnet Name : P7
 Client Sample ID : DC2839-02-FL1-CL4-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:15:34 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.56	13.91	14.37	12.28	26.29	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	2.07	ppb
Arsenic	75-2	0.23	0.24	0.21	0.22	6.79	ppb
Barium	135-1	19.22	18.40	19.94	19.19	4.02	ppb
Barium	137-1	19.32	19.13	19.95	19.47	2.21	ppb
Beryllium	9-1	-0.02	-0.10	0.02	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.14	11.65	11.59	11.46	2.42	ppb
Boron	11-1	12.39	12.57	12.73	12.56	1.37	ppb
Cadmium	111-1	-0.03	-0.03	-0.13	-0.07		ppb
Cadmium	106-1	-0.53	-0.62	-1.67	-0.94		ppb
Cadmium	108-1	0.09	0.03	0.23	0.12	88.92	ppb
Calcium	43-1	5018.82	4947.82	5050.29	5005.65	1.05	ppb
Calcium	44-1	5032.35	5044.19	5153.19	5076.58	1.31	ppb
Chromium	52-2	0.14	0.22	0.19	0.18	22.11	ppb
Cobalt	59-2	0.07	0.05	0.08	0.07	20.87	ppb
Copper	63-2	159.10	160.34	161.56	160.33	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.39	27.24	26.86	26.50	3.69	ppb
Iron	57-2	34.74	27.46	31.30	31.17	11.68	ppb
Lead	206-1	0.56	0.58	0.52	0.55	4.71	ppb
Lead	207-1	0.50	0.52	0.55	0.52	4.39	ppb
Lead	208-1	0.53	0.54	0.55	0.54	2.37	ppb
Lithium	6-1						%
Magnesium	24-2	1423.92	1429.79	1451.18	1434.96	1.00	ppb
Manganese	55-2	11.52	11.67	11.59	11.59	0.62	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-02	Instrumnet Name :	P7
Client Sample ID :	DC2839-02-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:15:34	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.11	0.13	0.13	11.68	ppb
Molybdenum	95-1	0.07	0.07	0.04	0.06	23.41	ppb
Molybdenum	96-1	0.09	0.06	0.10	0.08	24.63	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	7.54	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	12.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.81	3.57	3.33	3.57	6.79	ppb
Phosphorus	31-2	560.73	646.30	649.37	618.80	8.13	ppb
Potassium	39-2	495.61	499.47	510.85	501.98	1.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.42	0.42	0.40	0.41	2.03	ppb
Selenium	78-2	0.41	1.51	-0.75	0.39	292.48	ppb
Selenium	82-1	0.83	1.49	0.66	0.99	44.08	ppb
Silicon	28-1	835.61	849.43	868.30	851.12	1.93	ppb
Silver	109-1	0.04	0.03	0.03	0.03	11.70	ppb
Silver	107-1	0.02	0.02	0.03	0.02	19.32	ppb
Sodium	23-2	10036.31	10005.11	10192.13	10077.85	0.99	ppb
Strontium	86-1	18.26	18.47	18.95	18.56	1.90	ppb
Strontium	88-1	18.72	18.57	18.90	18.73	0.89	ppb
Sulfur	34-1	183.87	347.16	601.68	377.57	55.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.04	0.03	43.73	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.57	ppb
Tin	118-1	0.03	0.01	0.02	0.02	50.19	ppb
Titanium	47-1	0.49	0.39	0.40	0.43	13.11	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.87	ppb
Vanadium	51-2	0.07	0.04	0.06	0.06	28.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.09	16.74	16.52	16.45	1.99	ppb
Zirconium	90-1	0.21	0.19	0.18	0.20	7.03	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-02	Instrumnet Name :	P7
Client Sample ID :	DC2839-02-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:15:34	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.15	0.19	0.19	20.13	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-03 Instrumnet Name : P7
 Client Sample ID : DC2839-03-FL1-CL5-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:19:02 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.48	12.72	11.52	12.24	5.18	ppb
Antimony	121-1	0.09	0.11	0.13	0.11	17.16	ppb
Arsenic	75-2	0.22	0.30	0.38	0.30	27.00	ppb
Barium	135-1	17.64	18.16	17.94	17.91	1.48	ppb
Barium	137-1	18.19	18.25	17.96	18.14	0.84	ppb
Beryllium	9-1	-0.06	-0.06	-0.02	-0.05		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.73	8.11	7.56	7.80	3.59	ppb
Boron	11-1	7.79	8.03	8.39	8.07	3.70	ppb
Cadmium	111-1	-0.12	0.13	-0.08	-0.02		ppb
Cadmium	106-1	-1.82	1.56	-1.34	-0.53		ppb
Cadmium	108-1	0.24	0.15	0.06	0.15	61.71	ppb
Calcium	43-1	5079.38	5045.63	4989.96	5038.32	0.90	ppb
Calcium	44-1	5135.57	5132.79	5180.09	5149.49	0.52	ppb
Chromium	52-2	0.15	0.15	0.17	0.16	8.21	ppb
Cobalt	59-2	0.10	0.07	0.08	0.08	15.86	ppb
Copper	63-2	130.72	126.54	128.18	128.48	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.37	20.21	20.22	20.60	3.23	ppb
Iron	57-2	27.79	21.13	26.62	25.18	14.12	ppb
Lead	206-1	0.72	0.74	0.74	0.73	1.48	ppb
Lead	207-1	0.65	0.73	0.70	0.69	5.71	ppb
Lead	208-1	0.70	0.69	0.70	0.70	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	1300.96	1249.87	1253.07	1267.97	2.26	ppb
Manganese	55-2	10.30	9.90	9.97	10.05	2.13	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-03	Instrumnet Name :	P7
Client Sample ID :	DC2839-03-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:19:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.12	0.10	0.12	12.26	ppb
Molybdenum	95-1	0.08	0.05	0.06	0.07	24.33	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	22.94	ppb
Molybdenum	97-1	0.07	0.11	0.06	0.08	35.31	ppb
Molybdenum	98-1	0.04	0.05	0.07	0.05	26.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	6.00	5.75	5.73	4.94	ppb
Phosphorus	31-2	665.06	684.63	572.74	640.81	9.32	ppb
Potassium	39-2	521.26	497.71	505.65	508.21	2.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.40	-0.25	-0.25	-0.03		ppb
Selenium	78-2	0.19	0.05	1.55	0.60	139.03	ppb
Selenium	82-1	1.30	1.23	1.03	1.19	11.96	ppb
Silicon	28-1	794.87	797.92	954.43	849.07	10.75	ppb
Silver	109-1	0.02	0.01	0.01	0.01	62.16	ppb
Silver	107-1	0.01	0.01	0.02	0.01	19.98	ppb
Sodium	23-2	10492.45	10115.79	10224.32	10277.52	1.89	ppb
Strontium	86-1	18.58	18.69	18.74	18.67	0.43	ppb
Strontium	88-1	18.54	18.65	18.59	18.59	0.30	ppb
Sulfur	34-1	77.91	8.00	116.99	67.63	81.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	13.71	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	42.25	ppb
Tin	118-1	0.01	-0.03	0.01	0.00		ppb
Titanium	47-1	0.44	0.40	0.35	0.40	10.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.38	ppb
Vanadium	51-2	0.06	0.03	0.07	0.05	44.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	174.51	168.56	172.52	171.86	1.76	ppb
Zirconium	90-1	0.15	0.15	0.13	0.14	6.07	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-03	Instrumnet Name :	P7
Client Sample ID :	DC2839-03-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:19:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.18	0.11	0.15	22.57	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-04 Instrumnet Name : P7
 Client Sample ID : DC2839-04-FL1-CL5-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:22:31 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.90	10.37	12.46	12.24	14.49	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	9.46	ppb
Arsenic	75-2	0.32	0.35	0.28	0.32	11.58	ppb
Barium	135-1	19.64	19.53	18.71	19.30	2.64	ppb
Barium	137-1	19.59	19.13	19.49	19.40	1.26	ppb
Beryllium	9-1	-0.05	-0.11	-0.07	-0.08		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.90	12.06	13.28	12.74	4.90	ppb
Boron	11-1	11.66	12.61	12.06	12.11	3.94	ppb
Cadmium	111-1	-0.09	-0.08	-0.12	-0.10		ppb
Cadmium	106-1	-1.50	-1.09	-1.60	-1.40		ppb
Cadmium	108-1	0.12	0.18	0.21	0.17	27.40	ppb
Calcium	43-1	5083.52	5017.28	5026.38	5042.39	0.71	ppb
Calcium	44-1	5179.04	5117.21	5080.54	5125.60	0.97	ppb
Chromium	52-2	0.19	0.18	0.17	0.18	6.44	ppb
Cobalt	59-2	0.06	0.10	0.08	0.08	27.29	ppb
Copper	63-2	151.47	151.90	152.20	151.85	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.46	24.35	23.17	23.66	2.61	ppb
Iron	57-2	25.15	28.13	29.32	27.53	7.80	ppb
Lead	206-1	0.52	0.52	0.59	0.54	8.21	ppb
Lead	207-1	0.47	0.48	0.49	0.48	2.06	ppb
Lead	208-1	0.48	0.50	0.52	0.50	3.15	ppb
Lithium	6-1						%
Magnesium	24-2	1491.84	1475.67	1498.41	1488.64	0.79	ppb
Manganese	55-2	10.66	10.97	10.93	10.86	1.56	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-04 Instrumnet Name : P7
 Client Sample ID : DC2839-04-FL1-CL5-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:22:31 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.07	0.10	0.09	17.22	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	8.09	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	19.94	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	12.36	ppb
Molybdenum	98-1	0.03	0.06	0.05	0.04	30.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.18	3.29	3.46	3.31	4.29	ppb
Phosphorus	31-2	596.52	610.32	576.00	594.28	2.91	ppb
Potassium	39-2	492.36	493.05	500.45	495.29	0.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-0.29	0.46	-0.05	0.04	945.27	ppb
Selenium	82-1	0.97	0.55	0.85	0.79	27.59	ppb
Silicon	28-1	873.40	868.49	855.20	865.70	1.09	ppb
Silver	109-1	0.03	0.02	0.04	0.03	18.18	ppb
Silver	107-1	0.03	0.02	0.03	0.03	27.50	ppb
Sodium	23-2	10061.76	10131.52	10134.65	10109.31	0.41	ppb
Strontium	86-1	18.76	18.27	18.29	18.44	1.51	ppb
Strontium	88-1	18.62	18.81	18.74	18.72	0.52	ppb
Sulfur	34-1	266.85	219.12	63.08	183.02	58.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	18.07	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	55.57	ppb
Tin	118-1	-0.01	0.01	0.00	0.00		ppb
Titanium	47-1	0.32	0.45	0.45	0.41	18.49	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.94	ppb
Vanadium	51-2	0.04	0.06	0.06	0.05	16.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.38	16.19	16.06	16.21	0.98	ppb
Zirconium	90-1	0.13	0.11	0.10	0.11	13.01	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-04	Instrumnet Name :	P7
Client Sample ID :	DC2839-04-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:22:31	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.09	0.11	21.17	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-05 Instrumnet Name : P7
 Client Sample ID : DC2839-05-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:26:00 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.34	13.60	11.75	11.90	13.74	ppb
Antimony	121-1	0.08	0.10	0.09	0.09	11.14	ppb
Arsenic	75-2	0.24	0.27	0.21	0.24	13.68	ppb
Barium	135-1	19.08	19.69	19.30	19.36	1.61	ppb
Barium	137-1	19.53	19.89	19.21	19.54	1.75	ppb
Beryllium	9-1	-0.11	-0.12	-0.04	-0.09		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.93	9.30	8.84	8.36	15.05	ppb
Boron	11-1	7.95	8.20	7.46	7.87	4.79	ppb
Cadmium	111-1	0.10	0.07	-0.03	0.05	141.04	ppb
Cadmium	106-1	0.89	0.72	-0.54	0.36	219.73	ppb
Cadmium	108-1	0.08	0.03	0.12	0.08	61.20	ppb
Calcium	43-1	5186.60	5261.88	5103.53	5184.00	1.53	ppb
Calcium	44-1	5236.71	5288.84	5135.86	5220.47	1.49	ppb
Chromium	52-2	0.06	0.06	0.05	0.06	9.94	ppb
Cobalt	59-2	0.02	0.01	0.04	0.03	47.24	ppb
Copper	63-2	122.56	121.22	122.85	122.21	0.71	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.81	19.32	19.71	19.28	2.36	ppb
Iron	57-2	23.01	22.87	26.72	24.20	9.02	ppb
Lead	206-1	0.46	0.49	0.49	0.48	3.46	ppb
Lead	207-1	0.46	0.45	0.45	0.45	1.33	ppb
Lead	208-1	0.46	0.47	0.46	0.46	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	1221.96	1203.63	1210.22	1211.94	0.77	ppb
Manganese	55-2	10.97	11.04	11.17	11.06	0.94	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-05	Instrumnet Name :	P7
Client Sample ID :	DC2839-05-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:26:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.09	0.08	0.08	16.86	ppb
Molybdenum	95-1	0.07	0.05	0.05	0.05	21.97	ppb
Molybdenum	96-1	0.07	0.05	0.04	0.05	24.37	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	25.38	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	33.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	4.18	4.68	4.43	5.64	ppb
Phosphorus	31-2	688.68	617.78	605.67	637.38	7.03	ppb
Potassium	39-2	500.18	490.88	493.92	494.99	0.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.43	1.05	0.01	0.50	105.52	ppb
Selenium	82-1	0.01	1.20	1.14	0.78	85.87	ppb
Silicon	28-1	858.34	850.47	829.16	845.99	1.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.09	ppb
Sodium	23-2	10154.59	10082.21	10144.19	10127.00	0.39	ppb
Strontium	86-1	18.79	19.21	18.97	18.99	1.12	ppb
Strontium	88-1	19.31	19.26	18.87	19.15	1.27	ppb
Sulfur	34-1	129.42	219.19	81.59	143.40	48.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	18.77	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	19.32	ppb
Tin	118-1	-0.04	-0.01	-0.03	-0.03		ppb
Titanium	47-1	0.46	0.40	0.48	0.45	9.16	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	1.24	ppb
Vanadium	51-2	0.05	0.06	0.08	0.06	22.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.11	27.09	28.28	27.82	2.32	ppb
Zirconium	90-1	0.11	0.09	0.12	0.11	12.78	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-05	Instrumnet Name :	P7
Client Sample ID :	DC2839-05-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:26:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.14	0.14	0.11	34.29	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-06 Instrumnet Name : P7
 Client Sample ID : DC2839-06-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:29:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.04	10.46	12.43	10.64	16.00	ppb
Antimony	121-1	0.06	0.07	0.07	0.06	9.96	ppb
Arsenic	75-2	0.34	0.23	0.24	0.27	22.58	ppb
Barium	135-1	18.45	19.21	19.18	18.95	2.26	ppb
Barium	137-1	19.21	19.00	19.15	19.12	0.58	ppb
Beryllium	9-1	-0.11	-0.11	-0.04	-0.09		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.25	5.67	7.02	6.32	10.73	ppb
Boron	11-1	7.25	7.14	6.10	6.83	9.29	ppb
Cadmium	111-1	-0.06	-0.06	0.04	-0.03		ppb
Cadmium	106-1	-0.97	-0.97	0.14	-0.60		ppb
Cadmium	108-1	-0.01	0.03	0.06	0.03	122.57	ppb
Calcium	43-1	5024.12	5102.63	5051.28	5059.34	0.79	ppb
Calcium	44-1	5143.60	5143.97	5134.87	5140.82	0.10	ppb
Chromium	52-2	0.10	0.08	0.10	0.09	15.32	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	81.09	ppb
Copper	63-2	114.51	114.71	117.35	115.52	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.49	21.05	22.10	21.55	2.43	ppb
Iron	57-2	25.32	25.02	25.97	25.44	1.91	ppb
Lead	206-1	0.24	0.28	0.25	0.26	7.69	ppb
Lead	207-1	0.22	0.24	0.23	0.23	2.45	ppb
Lead	208-1	0.22	0.24	0.23	0.23	3.12	ppb
Lithium	6-1						%
Magnesium	24-2	1108.71	1099.01	1116.27	1108.00	0.78	ppb
Manganese	55-2	11.03	10.29	10.86	10.73	3.61	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-06	Instrumnet Name :	P7
Client Sample ID :	DC2839-06-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:29:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.07	0.07	9.29	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	16.46	ppb
Molybdenum	96-1	0.06	0.05	0.03	0.05	25.26	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.06	34.63	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	17.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.56	2.86	2.73	2.72	5.54	ppb
Phosphorus	31-2	674.72	732.58	678.96	695.42	4.64	ppb
Potassium	39-2	481.76	497.77	505.32	494.95	2.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.39	1.03	-0.25	0.39	162.33	ppb
Selenium	78-2	-0.48	-0.48	-0.45	-0.47		ppb
Selenium	82-1	0.89	0.92	1.41	1.07	27.26	ppb
Silicon	28-1	820.40	830.59	815.90	822.30	0.91	ppb
Silver	109-1	0.00	0.01	0.00	0.00	59.14	ppb
Silver	107-1	0.01	0.01	0.02	0.01	30.09	ppb
Sodium	23-2	10163.45	10162.13	10281.55	10202.38	0.67	ppb
Strontium	86-1	19.25	18.62	19.04	18.97	1.71	ppb
Strontium	88-1	19.19	18.98	18.84	19.00	0.93	ppb
Sulfur	34-1	153.42	254.42	237.62	215.15	25.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.03	0.02	32.08	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	12.70	ppb
Tin	118-1	-0.02	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.49	0.50	1.43	0.81	66.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.21	ppb
Vanadium	51-2	0.05	0.07	0.06	0.06	12.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.21	17.46	16.46	16.71	3.97	ppb
Zirconium	90-1	0.08	0.09	0.06	0.08	17.65	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-06	Instrumnet Name :	P7
Client Sample ID :	DC2839-06-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:29:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.06	0.10	0.09	30.36	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-07 Instrumnet Name : P7
 Client Sample ID : DC2839-07-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:32:56 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.00	13.89	13.79	13.89	0.75	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	5.40	ppb
Arsenic	75-2	0.30	0.27	0.27	0.28	5.36	ppb
Barium	135-1	19.51	19.13	18.81	19.15	1.83	ppb
Barium	137-1	19.41	18.95	19.11	19.16	1.21	ppb
Beryllium	9-1	-0.13	-0.10	-0.07	-0.10		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.33	7.72	7.26	7.11	9.95	ppb
Boron	11-1	7.54	6.87	6.31	6.91	8.95	ppb
Cadmium	111-1	-0.06	-0.13	-0.17	-0.12		ppb
Cadmium	106-1	-0.94	-1.90	-2.62	-1.82		ppb
Cadmium	108-1	-0.04	0.03	0.10	0.03	220.54	ppb
Calcium	43-1	5184.71	5213.58	5181.27	5193.18	0.34	ppb
Calcium	44-1	5302.69	5254.66	5222.93	5260.09	0.76	ppb
Chromium	52-2	0.14	0.14	0.15	0.14	4.92	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	20.60	ppb
Copper	63-2	121.78	121.35	120.11	121.08	0.71	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.89	22.15	22.47	22.17	1.30	ppb
Iron	57-2	30.73	26.78	25.44	27.65	9.95	ppb
Lead	206-1	0.47	0.46	0.49	0.48	2.91	ppb
Lead	207-1	0.40	0.40	0.41	0.40	2.09	ppb
Lead	208-1	0.42	0.42	0.43	0.42	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	1180.57	1156.83	1164.08	1167.16	1.04	ppb
Manganese	55-2	11.86	11.65	11.94	11.82	1.24	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-07	Instrumnet Name :	P7
Client Sample ID :	DC2839-07-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:32:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.06	0.06	7.37	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	42.36	ppb
Molybdenum	96-1	0.06	0.06	0.09	0.07	25.70	ppb
Molybdenum	97-1	0.03	0.08	0.03	0.05	51.71	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	15.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.45	4.01	3.71	4.06	9.19	ppb
Phosphorus	31-2	617.59	665.40	661.91	648.30	4.11	ppb
Potassium	39-2	504.47	498.71	496.26	499.81	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.96	0.48	0.94	0.79	34.66	ppb
Selenium	82-1	1.20	0.33	0.63	0.72	61.43	ppb
Silicon	28-1	975.75	973.22	959.90	969.63	0.88	ppb
Silver	109-1	0.47	0.01	0.02	0.17	159.59	ppb
Silver	107-1	0.01	0.02	0.01	0.01	10.28	ppb
Sodium	23-2	10137.69	10040.88	10030.79	10069.78	0.59	ppb
Strontium	86-1	18.47	18.81	19.06	18.78	1.57	ppb
Strontium	88-1	19.06	18.97	18.92	18.98	0.36	ppb
Sulfur	34-1	661.43	764.78	729.65	718.62	7.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	21.39	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	23.55	ppb
Tin	118-1	-0.03	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.54	0.47	0.45	0.49	9.75	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	31.51	ppb
Vanadium	51-2	0.06	0.06	0.08	0.07	18.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	40.22	40.85	40.56	40.54	0.79	ppb
Zirconium	90-1	0.09	0.08	0.07	0.08	13.95	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-07	Instrumnet Name :	P7
Client Sample ID :	DC2839-07-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:32:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.09	0.09	10.39	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.68	-1.28	-0.35	-0.77		ppb
Antimony	121-1	0.01	0.03	0.02	0.02	44.86	ppb
Arsenic	75-2	-0.04	-0.01	0.02	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00	471.79	ppb
Beryllium	9-1	-0.14	-0.09	-0.18	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.09	3.00	3.47	3.19	7.75	ppb
Boron	11-1	2.94	2.62	2.49	2.68	8.57	ppb
Cadmium	111-1	-0.03	-0.10	-0.07	-0.07		ppb
Cadmium	106-1	-0.39	-1.21	-0.88	-0.82		ppb
Cadmium	108-1	0.06	0.06	0.00	0.04	93.02	ppb
Calcium	43-1	-1.95	-4.92	-3.08	-3.32		ppb
Calcium	44-1	-3.49	-1.54	-1.87	-2.30		ppb
Chromium	52-2	-0.02	-0.05	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	119.76	ppb
Copper	63-2	-0.16	-0.10	-0.09	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.23	2.59	2.62	2.48	8.72	ppb
Iron	57-2	1.14	3.58	2.11	2.28	53.90	ppb
Lead	206-1	483.43	498.27	482.45	488.05	1.82	ppb
Lead	207-1	480.84	491.91	479.94	484.23	1.38	ppb
Lead	208-1	487.24	502.54	486.24	492.01	1.86	ppb
Lithium	6-1						%
Magnesium	24-2	-2.36	1.48	-1.67	-0.85		ppb
Manganese	55-2	-0.18	-0.20	-0.19	-0.19		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	210.71	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	578.74	ppb
Molybdenum	96-1	0.01	0.02	-0.02	0.00	1566.56	ppb
Molybdenum	97-1	0.02	0.03	-0.01	0.01	185.71	ppb
Molybdenum	98-1	-0.01	0.02	0.00	0.00	615.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.60	2.42	2.46	5.11	ppb
Phosphorus	31-2	3.96	0.91	19.81	8.22	123.35	ppb
Potassium	39-2	11.41	12.21	14.50	12.71	12.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	-0.05	-0.19	1.59	0.45	220.72	ppb
Selenium	82-1	0.26	1.50	1.30	1.02	65.31	ppb
Silicon	28-1	-4.87	-2.03	-4.79	-3.90		ppb
Silver	109-1	0.01	0.01	0.00	0.00	85.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00	107.51	ppb
Sodium	23-2	21.93	21.84	22.12	21.96	0.65	ppb
Strontium	86-1	-0.06	-0.08	-0.06	-0.07		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-520.06	-201.90	-590.58	-437.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.04	0.04	10.09	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	13.88	ppb
Tin	118-1	0.23	0.21	0.26	0.24	9.55	ppb
Titanium	47-1	0.03	0.06	0.02	0.04	59.05	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	62.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.01	0.23	0.12	89.18	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	75.28	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

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

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.06	-0.51	-0.65	-0.74		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	11.60	ppb
Arsenic	75-2	-0.03	0.00	-0.02	-0.02		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	626.21	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.13	-0.12	-0.10	-0.12		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.40	2.65	2.30	2.12	30.58	ppb
Boron	11-1	2.30	1.99	1.92	2.07	9.83	ppb
Cadmium	111-1	-0.06	-0.05	-0.11	-0.07		ppb
Cadmium	106-1	-0.83	-0.60	-1.42	-0.95		ppb
Cadmium	108-1	0.06	0.00	0.00	0.02	201.97	ppb
Calcium	43-1	-2.70	-2.29	-3.50	-2.83		ppb
Calcium	44-1	-1.32	-3.03	-0.23	-1.53		ppb
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	-0.02	0.00	0.00	-0.01		ppb
Copper	63-2	-0.12	-0.21	-0.23	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.66	2.06	1.88	1.87	10.88	ppb
Iron	57-2	1.62	2.09	1.21	1.64	26.81	ppb
Lead	206-1	0.05	0.04	0.04	0.04	3.59	ppb
Lead	207-1	0.04	0.03	0.03	0.04	18.50	ppb
Lead	208-1	0.04	0.04	0.03	0.04	21.87	ppb
Lithium	6-1						%
Magnesium	24-2	-2.63	-2.96	-1.03	-2.20		ppb
Manganese	55-2	-0.28	-0.15	-0.22	-0.22		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	330.71	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.02	-0.01	0.04	0.02	141.12	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	2.22	2.02	2.00	11.50	ppb
Phosphorus	31-2	-16.72	-8.76	-11.53	-12.34		ppb
Potassium	39-2	-9.48	-11.36	-8.06	-9.63		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.51	0.06	1.17	0.58	96.41	ppb
Selenium	82-1	1.31	0.08	1.00	0.80	79.88	ppb
Silicon	28-1	-6.00	-6.52	-0.23	-4.25		ppb
Silver	109-1	0.00	0.01	0.00	0.00	102.63	ppb
Silver	107-1	0.01	0.00	0.00	0.00	49.19	ppb
Sodium	23-2	9.54	11.74	13.85	11.71	18.41	ppb
Strontium	86-1	-0.11	-0.09	-0.10	-0.10		ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-199.17	-368.29	-457.65	-341.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	23.24	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.69	ppb
Tin	118-1	0.02	0.03	0.01	0.02	37.03	ppb
Titanium	47-1	0.00	0.02	0.05	0.02	101.73	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	111.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	0.11	-0.05	0.01	925.66	ppb
Zirconium	90-1	0.05	0.00	0.00	0.02	176.18	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

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

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-08 Instrumnet Name : P7
 Client Sample ID : DC2839-08-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:43:20 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.30	11.77	8.91	10.33	13.81	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	9.48	ppb
Arsenic	75-2	0.17	0.20	0.29	0.22	27.36	ppb
Barium	135-1	18.71	18.82	18.67	18.73	0.40	ppb
Barium	137-1	18.62	19.01	18.82	18.82	1.04	ppb
Beryllium	9-1	-0.11	-0.17	-0.12	-0.13		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.78	4.42	6.18	5.46	16.89	ppb
Boron	11-1	4.69	5.14	5.75	5.19	10.22	ppb
Cadmium	111-1	-0.04	-0.09	-0.05	-0.06		ppb
Cadmium	106-1	-0.46	-1.55	-0.84	-0.95		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	1.09	ppb
Calcium	43-1	4886.00	4980.95	4928.32	4931.76	0.96	ppb
Calcium	44-1	5003.64	5040.05	5031.75	5025.15	0.38	ppb
Chromium	52-2	0.16	0.16	0.17	0.16	5.25	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	37.10	ppb
Copper	63-2	116.38	116.88	116.15	116.47	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.37	20.84	20.49	20.57	1.19	ppb
Iron	57-2	26.04	23.77	24.94	24.91	4.55	ppb
Lead	206-1	0.23	0.23	0.21	0.22	7.10	ppb
Lead	207-1	0.16	0.17	0.19	0.18	9.37	ppb
Lead	208-1	0.19	0.20	0.19	0.19	2.10	ppb
Lithium	6-1						%
Magnesium	24-2	1118.78	1100.54	1104.72	1108.01	0.86	ppb
Manganese	55-2	10.87	10.68	10.69	10.75	0.97	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-08	Instrumnet Name :	P7
Client Sample ID :	DC2839-08-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:43:20	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.08	0.06	0.07	12.84	ppb
Molybdenum	95-1	0.02	0.05	0.04	0.04	46.81	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	16.19	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	27.23	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.38	2.41	2.35	3.46	ppb
Phosphorus	31-2	583.94	666.16	716.14	655.41	10.18	ppb
Potassium	39-2	497.71	489.30	486.45	491.15	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	0.40	-0.25	-0.03		ppb
Selenium	78-2	-0.57	0.91	-0.13	0.07	1100.23	ppb
Selenium	82-1	0.45	0.86	0.03	0.45	93.35	ppb
Silicon	28-1	801.23	811.02	822.93	811.73	1.34	ppb
Silver	109-1	0.00	0.01	0.00	0.00	55.88	ppb
Silver	107-1	0.01	0.01	0.00	0.00	85.75	ppb
Sodium	23-2	10150.26	10064.71	10005.96	10073.64	0.72	ppb
Strontium	86-1	18.38	18.71	18.57	18.55	0.89	ppb
Strontium	88-1	18.60	18.73	18.79	18.71	0.52	ppb
Sulfur	34-1	121.09	342.02	276.62	246.58	46.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.01	0.02	62.29	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	33.73	ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.44	0.31	0.52	0.42	24.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.56	ppb
Vanadium	51-2	0.06	0.06	0.07	0.07	8.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.53	15.49	15.96	16.00	3.25	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	2.24	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-08	Instrumnet Name :	P7
Client Sample ID :	DC2839-08-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:43:20	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.06	0.07	16.80	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-09 Instrumnet Name : P7
 Client Sample ID : DC2839-09-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:46:47 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.08	13.55	12.37	13.00	4.57	ppb
Antimony	121-1	0.38	0.38	0.39	0.38	0.72	ppb
Arsenic	75-2	0.20	0.24	0.21	0.22	10.95	ppb
Barium	135-1	18.98	18.97	19.12	19.02	0.43	ppb
Barium	137-1	19.12	19.53	18.83	19.16	1.84	ppb
Beryllium	9-1	-0.15	-0.13	-0.13	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.93	6.89	6.65	6.82	2.23	ppb
Boron	11-1	6.51	6.89	7.04	6.81	3.98	ppb
Cadmium	111-1	0.04	-0.03	0.05	0.02	194.74	ppb
Cadmium	106-1	0.14	-0.38	0.48	0.08	524.74	ppb
Cadmium	108-1	0.11	0.08	0.15	0.11	26.54	ppb
Calcium	43-1	5018.20	5070.04	5080.40	5056.22	0.66	ppb
Calcium	44-1	5125.15	5107.40	5140.46	5124.34	0.32	ppb
Chromium	52-2	0.18	0.17	0.12	0.16	18.29	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	8.73	ppb
Copper	63-2	149.18	149.19	149.27	149.21	0.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.25	26.70	35.73	29.89	16.93	ppb
Iron	57-2	31.72	34.53	28.40	31.55	9.73	ppb
Lead	206-1	0.47	0.43	0.41	0.44	6.82	ppb
Lead	207-1	0.38	0.39	0.37	0.38	2.22	ppb
Lead	208-1	0.41	0.40	0.40	0.40	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	1209.75	1208.98	1213.74	1210.82	0.21	ppb
Manganese	55-2	14.90	14.61	14.86	14.79	1.08	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-09	Instrumnet Name :	P7
Client Sample ID :	DC2839-09-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:46:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.05	0.05	7.84	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	24.28	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	22.36	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	13.00	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	28.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.09	4.12	4.23	5.18	ppb
Phosphorus	31-2	579.48	580.81	665.56	608.61	8.10	ppb
Potassium	39-2	492.65	485.80	498.02	492.15	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	0.39	-0.25	-0.03		ppb
Selenium	78-2	-1.23	0.23	0.00	-0.33		ppb
Selenium	82-1	0.71	1.30	0.46	0.82	52.14	ppb
Silicon	28-1	813.68	822.02	830.19	821.96	1.00	ppb
Silver	109-1	0.00	0.01	0.02	0.01	57.96	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.63	ppb
Sodium	23-2	10137.77	10166.37	10117.89	10140.68	0.24	ppb
Strontium	86-1	18.67	18.83	18.58	18.69	0.67	ppb
Strontium	88-1	19.26	18.84	19.14	19.08	1.12	ppb
Sulfur	34-1	391.20	352.38	362.31	368.63	5.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	11.12	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	25.94	ppb
Tin	118-1	0.50	0.48	0.50	0.49	2.88	ppb
Titanium	47-1	0.69	0.49	0.41	0.53	26.51	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	48.52	ppb
Vanadium	51-2	0.05	0.06	0.06	0.05	14.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	87.83	87.13	86.18	87.04	0.95	ppb
Zirconium	90-1	0.07	0.08	0.11	0.09	23.34	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-09	Instrumnet Name :	P7
Client Sample ID :	DC2839-09-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:46:47	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.05	0.06	0.06	28.33	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-10 Instrumnet Name : P7
 Client Sample ID : DC2839-10-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:50:15 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.23	10.19	9.92	12.12	29.45	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	9.15	ppb
Arsenic	75-2	0.39	0.22	0.17	0.26	44.65	ppb
Barium	135-1	18.88	18.85	18.75	18.83	0.36	ppb
Barium	137-1	18.99	19.24	18.98	19.07	0.78	ppb
Beryllium	9-1	-0.14	-0.12	-0.12	-0.13		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.07	6.40	6.03	5.50	22.79	ppb
Boron	11-1	5.21	5.98	4.84	5.35	10.84	ppb
Cadmium	111-1	0.04	-0.01	-0.03	0.00		ppb
Cadmium	106-1	0.60	-0.39	-0.68	-0.15		ppb
Cadmium	108-1	0.17	-0.01	-0.01	0.05	190.34	ppb
Calcium	43-1	5049.65	4973.32	5036.47	5019.81	0.81	ppb
Calcium	44-1	5104.16	5096.86	5124.46	5108.49	0.28	ppb
Chromium	52-2	0.14	0.12	0.13	0.13	9.31	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	491.09	ppb
Copper	63-2	125.03	116.46	116.61	119.37	4.11	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.89	23.06	21.68	22.88	4.88	ppb
Iron	57-2	32.33	28.00	30.02	30.12	7.21	ppb
Lead	206-1	0.21	0.20	0.18	0.19	8.00	ppb
Lead	207-1	0.19	0.21	0.18	0.19	7.82	ppb
Lead	208-1	0.18	0.19	0.18	0.18	2.83	ppb
Lithium	6-1						%
Magnesium	24-2	1201.72	1100.06	1085.90	1129.23	5.60	ppb
Manganese	55-2	12.88	11.78	11.85	12.17	5.09	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-10	Instrumnet Name :	P7
Client Sample ID :	DC2839-10-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:50:15	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	10.51	ppb
Molybdenum	95-1	0.02	0.03	0.06	0.04	55.89	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	16.21	ppb
Molybdenum	97-1	0.04	0.02	0.05	0.04	33.13	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	37.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	2.03	1.98	1.98	2.95	ppb
Phosphorus	31-2	723.05	685.38	632.93	680.46	6.65	ppb
Potassium	39-2	547.22	491.40	489.40	509.34	6.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	0.39	-0.03		ppb
Selenium	78-2	1.16	0.69	0.33	0.73	57.39	ppb
Selenium	82-1	-0.06	1.81	1.01	0.92	102.17	ppb
Silicon	28-1	814.47	805.08	819.59	813.05	0.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.84	ppb
Silver	107-1	0.01	0.01	0.00	0.01	73.96	ppb
Sodium	23-2	10836.00	10047.27	9976.77	10286.68	4.64	ppb
Strontium	86-1	18.64	18.67	18.83	18.71	0.53	ppb
Strontium	88-1	19.02	18.99	19.11	19.04	0.34	ppb
Sulfur	34-1	294.79	355.07	379.69	343.18	12.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	31.80	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	36.83	ppb
Tin	118-1	0.85	0.90	0.93	0.90	4.49	ppb
Titanium	47-1	0.59	0.34	0.51	0.48	26.61	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.42	ppb
Vanadium	51-2	0.05	0.05	0.06	0.06	9.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.21	17.28	17.26	17.91	6.24	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	6.58	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-10	Instrumnet Name :	P7
Client Sample ID :	DC2839-10-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:50:15	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.08	0.03	0.05	49.52	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-11 Instrumnet Name : P7
 Client Sample ID : DC2839-11-FL1-BRT-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:53:43 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.95	7.82	9.44	9.07	12.30	ppb
Antimony	121-1	0.09	0.07	0.09	0.08	15.16	ppb
Arsenic	75-2	0.21	0.19	0.17	0.19	10.74	ppb
Barium	135-1	18.92	18.33	18.68	18.64	1.58	ppb
Barium	137-1	18.70	19.17	18.79	18.89	1.31	ppb
Beryllium	9-1	-0.12	-0.13	-0.15	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.05	6.78	6.66	6.83	2.91	ppb
Boron	11-1	6.27	6.17	6.79	6.41	5.17	ppb
Cadmium	111-1	-0.03	-0.08	-0.01	-0.04		ppb
Cadmium	106-1	-0.55	-1.18	-0.39	-0.70		ppb
Cadmium	108-1	0.12	0.12	0.12	0.12	0.56	ppb
Calcium	43-1	5118.89	5101.13	5033.51	5084.51	0.89	ppb
Calcium	44-1	5240.58	5165.12	5175.90	5193.86	0.79	ppb
Chromium	52-2	0.10	0.10	0.10	0.10	2.57	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	19.08	ppb
Copper	63-2	105.84	110.06	109.73	108.54	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.03	19.56	19.71	19.10	4.88	ppb
Iron	57-2	23.11	25.13	24.39	24.21	4.23	ppb
Lead	206-1	0.63	0.56	0.64	0.61	7.34	ppb
Lead	207-1	0.59	0.50	0.54	0.54	7.61	ppb
Lead	208-1	0.59	0.55	0.59	0.58	4.52	ppb
Lithium	6-1						%
Magnesium	24-2	1177.14	1240.08	1211.46	1209.56	2.61	ppb
Manganese	55-2	9.59	10.16	9.95	9.90	2.91	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-11	Instrumnet Name :	P7
Client Sample ID :	DC2839-11-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:53:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.03	0.04	28.48	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	9.71	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	18.18	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	20.30	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	22.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.55	4.02	4.50	4.36	6.74	ppb
Phosphorus	31-2	531.69	587.99	663.36	594.35	11.12	ppb
Potassium	39-2	468.86	512.48	516.27	499.21	5.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.03	-0.25	-0.25	0.18	407.83	ppb
Selenium	78-2	0.26	-0.51	0.65	0.13	444.58	ppb
Selenium	82-1	-0.02	1.13	-0.92	0.06	1623.34	ppb
Silicon	28-1	827.54	836.53	812.99	825.69	1.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.03	ppb
Silver	107-1	0.01	0.02	0.01	0.02	39.26	ppb
Sodium	23-2	9832.88	10261.09	10117.49	10070.49	2.16	ppb
Strontium	86-1	19.03	18.82	18.18	18.67	2.38	ppb
Strontium	88-1	18.85	18.93	18.67	18.82	0.71	ppb
Sulfur	34-1	531.31	417.25	428.31	458.96	13.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	12.25	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	21.68	ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.01		ppb
Titanium	47-1	0.40	0.57	0.51	0.50	17.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.59	ppb
Vanadium	51-2	0.07	0.07	0.07	0.07	1.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	138.97	143.71	145.40	142.69	2.34	ppb
Zirconium	90-1	0.05	0.06	0.06	0.05	5.39	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-11	Instrumnet Name :	P7
Client Sample ID :	DC2839-11-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:53:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.03	0.05	37.60	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-12 Instrumnet Name : P7
 Client Sample ID : DC2839-12-FL1-BRT-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:57:11 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.27	13.82	8.11	10.73	26.87	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	33.77	ppb
Arsenic	75-2	0.23	0.32	0.25	0.27	16.83	ppb
Barium	135-1	18.54	18.67	18.55	18.59	0.39	ppb
Barium	137-1	18.61	18.58	18.47	18.55	0.41	ppb
Beryllium	9-1	-0.16	-0.15	-0.10	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.59	5.77	5.05	5.47	6.84	ppb
Boron	11-1	5.32	5.21	4.80	5.11	5.39	ppb
Cadmium	111-1	0.06	-0.12	-0.04	-0.03		ppb
Cadmium	106-1	0.60	-1.90	-0.74	-0.68		ppb
Cadmium	108-1	0.12	0.06	0.06	0.08	45.25	ppb
Calcium	43-1	5214.22	5021.19	4957.14	5064.18	2.64	ppb
Calcium	44-1	5183.82	5158.01	5068.68	5136.84	1.18	ppb
Chromium	52-2	0.11	0.12	0.13	0.12	6.56	ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	91.35	87.73	90.29	89.79	2.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.14	20.39	19.52	20.01	2.23	ppb
Iron	57-2	23.96	23.56	23.22	23.58	1.56	ppb
Lead	206-1	0.19	0.22	0.21	0.21	6.56	ppb
Lead	207-1	0.20	0.18	0.16	0.18	12.44	ppb
Lead	208-1	0.19	0.20	0.18	0.19	5.11	ppb
Lithium	6-1						%
Magnesium	24-2	1151.84	1109.32	1130.30	1130.49	1.88	ppb
Manganese	55-2	11.28	10.28	10.99	10.85	4.72	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-12	Instrumnet Name :	P7
Client Sample ID :	DC2839-12-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:57:11	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.05	0.04	28.63	ppb
Molybdenum	95-1	0.02	0.06	0.04	0.04	46.13	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	28.34	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	18.63	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	17.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.07	2.48	2.25	9.36	ppb
Phosphorus	31-2	713.32	657.41	686.01	685.58	4.08	ppb
Potassium	39-2	508.43	492.52	497.59	499.51	1.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	0.39	-0.03		ppb
Selenium	78-2	0.29	1.10	0.13	0.51	101.75	ppb
Selenium	82-1	0.19	0.85	0.00	0.34	129.41	ppb
Silicon	28-1	815.86	819.16	942.23	859.09	8.38	ppb
Silver	109-1	0.01	0.00	0.00	0.01	44.37	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.59	ppb
Sodium	23-2	10289.43	10007.33	10211.32	10169.36	1.43	ppb
Strontium	86-1	18.47	18.31	18.63	18.47	0.88	ppb
Strontium	88-1	18.83	18.58	18.50	18.64	0.92	ppb
Sulfur	34-1	183.41	216.42	82.23	160.69	43.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.03	0.02	46.42	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	32.60	ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb
Titanium	47-1	0.40	0.42	0.51	0.44	14.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	41.92	ppb
Vanadium	51-2	0.06	0.05	0.07	0.06	19.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.78	19.21	19.81	19.60	1.74	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	11.61	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-12	Instrumnet Name :	P7
Client Sample ID :	DC2839-12-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:57:11	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.05	0.05	12.20	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-13	Instrumnet Name :	P7
Client Sample ID :	DC2839-13-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:00:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	1.24	2.13	1.75	26.24	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	76.19	ppb
Arsenic	75-2	0.01	0.03	0.07	0.04	76.92	ppb
Barium	135-1	1.44	1.37	1.40	1.40	2.70	ppb
Barium	137-1	1.48	1.41	1.28	1.39	7.18	ppb
Beryllium	9-1	-0.16	-0.13	-0.16	-0.15		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.60	3.26	2.84	3.57	25.80	ppb
Boron	11-1	3.31	4.21	2.96	3.49	18.50	ppb
Cadmium	111-1	-0.17	-0.02	-0.01	-0.07		ppb
Cadmium	106-1	-2.21	-0.27	-0.10	-0.86		ppb
Cadmium	108-1	-0.01	0.05	0.06	0.03	100.04	ppb
Calcium	43-1	3804.69	3753.27	3861.41	3806.46	1.42	ppb
Calcium	44-1	3928.79	3779.32	3872.34	3860.15	1.96	ppb
Chromium	52-2	0.14	0.13	0.19	0.15	21.73	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	-0.25	-0.22	-0.27	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.40	2.27	2.40	2.36	3.22	ppb
Iron	57-2	3.18	6.66	7.55	5.80	39.89	ppb
Lead	206-1	0.00	0.00	0.03	0.01	146.39	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	-0.01	-0.01	0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	690.46	686.59	688.15	688.40	0.28	ppb
Manganese	55-2	0.73	0.76	0.76	0.75	2.64	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-13	Instrumnet Name :	P7
Client Sample ID :	DC2839-13-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:00:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.16	0.14	0.15	9.65	ppb
Molybdenum	95-1	0.50	0.42	0.46	0.46	8.08	ppb
Molybdenum	96-1	0.40	0.41	0.37	0.39	5.51	ppb
Molybdenum	97-1	0.58	0.42	0.45	0.48	17.03	ppb
Molybdenum	98-1	0.49	0.47	0.41	0.46	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	2.02	1.94	1.91	6.38	ppb
Phosphorus	31-2	6.77	-8.00	9.08	2.62	354.05	ppb
Potassium	39-2	538.47	537.33	544.79	540.20	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.40	-0.25	-0.25	-0.03		ppb
Selenium	78-2	0.31	0.20	0.48	0.33	42.56	ppb
Selenium	82-1	0.15	0.38	0.49	0.34	52.09	ppb
Silicon	28-1	4323.49	4169.63	4296.42	4263.18	1.93	ppb
Silver	109-1	0.00	0.00	0.00	0.00	131.77	ppb
Silver	107-1	0.00	0.00	0.00	0.00	475.18	ppb
Sodium	23-2	3599.29	3580.35	3592.94	3590.86	0.27	ppb
Strontium	86-1	36.59	35.42	36.57	36.19	1.86	ppb
Strontium	88-1	36.58	35.39	36.50	36.16	1.84	ppb
Sulfur	34-1	-659.90	-927.41	-660.69	-749.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.00	0.02	0.02	71.53	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	49.97	ppb
Tin	118-1	-0.03	-0.05	-0.05	-0.04		ppb
Titanium	47-1	0.49	0.39	0.35	0.41	18.65	ppb
Uranium	238-1	0.31	0.31	0.30	0.31	0.86	ppb
Vanadium	51-2	0.12	0.13	0.11	0.12	7.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.22	0.18	0.23	0.21	12.50	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	52.84	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-13	Instrumnet Name :	P7
Client Sample ID :	DC2839-13-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:00:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.00	0.01	146.33	ppb

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-14 Instrumnet Name : P7
 Client Sample ID : DC2839-14-FL1-H-W1-W Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 17:04:08 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	1.33	2.63	2.07	32.36	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	35.95	ppb
Arsenic	75-2	0.03	0.06	0.01	0.03	80.92	ppb
Barium	135-1	1.58	1.25	1.36	1.40	12.16	ppb
Barium	137-1	1.32	1.37	1.30	1.33	2.67	ppb
Beryllium	9-1	-0.13	-0.15	-0.14	-0.14		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.29	2.77	2.62	2.56	9.42	ppb
Boron	11-1	3.58	2.94	2.85	3.12	12.73	ppb
Cadmium	111-1	-0.08	-0.07	0.02	-0.05		ppb
Cadmium	106-1	-1.12	-0.79	0.21	-0.56		ppb
Cadmium	108-1	0.11	0.09	0.02	0.07	60.98	ppb
Calcium	43-1	3873.98	3918.04	3860.90	3884.30	0.77	ppb
Calcium	44-1	3965.15	3938.01	3934.49	3945.88	0.43	ppb
Chromium	52-2	0.16	0.12	0.17	0.15	16.77	ppb
Cobalt	59-2	-0.02	-0.01	-0.03	-0.02		ppb
Copper	63-2	-0.24	-0.24	-0.24	-0.24		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.29	1.92	1.96	2.06	9.73	ppb
Iron	57-2	6.83	6.50	4.86	6.06	17.40	ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	689.22	689.76	693.04	690.67	0.30	ppb
Manganese	55-2	0.84	0.72	0.66	0.74	12.35	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-14	Instrumnet Name :	P7
Client Sample ID :	DC2839-14-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:04:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.15	0.16	0.15	3.43	ppb
Molybdenum	95-1	0.40	0.47	0.46	0.44	7.95	ppb
Molybdenum	96-1	0.35	0.38	0.39	0.37	4.96	ppb
Molybdenum	97-1	0.50	0.42	0.60	0.51	17.61	ppb
Molybdenum	98-1	0.44	0.50	0.44	0.46	7.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	1.68	2.23	1.95	13.94	ppb
Phosphorus	31-2	-13.21	-1.18	-0.86	-5.08		ppb
Potassium	39-2	545.97	549.14	552.54	549.22	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	1.01	0.26	-0.58	0.23	341.90	ppb
Selenium	82-1	0.42	1.39	0.95	0.92	52.61	ppb
Silicon	28-1	4345.00	4342.48	4338.25	4341.91	0.08	ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.01	0.00	166.21	ppb
Sodium	23-2	3609.42	3595.48	3612.94	3605.94	0.26	ppb
Strontium	86-1	36.48	37.05	37.00	36.84	0.86	ppb
Strontium	88-1	36.43	36.62	36.97	36.68	0.74	ppb
Sulfur	34-1	-814.98	-610.47	-709.92	-711.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.02	0.02	46.21	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	22.56	ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.34	0.32	0.29	0.32	7.39	ppb
Uranium	238-1	0.31	0.30	0.32	0.31	4.20	ppb
Vanadium	51-2	0.12	0.14	0.14	0.13	6.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.18	0.13	0.16	18.56	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	52.93	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-14	Instrumnet Name :	P7
Client Sample ID :	DC2839-14-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:04:08	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	171.80	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.86	-0.58	-0.53		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	41.74	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.13	-0.14	-0.12	-0.13		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.34	2.21	1.75	1.77	24.61	ppb
Boron	11-1	1.91	1.93	1.57	1.80	11.29	ppb
Cadmium	111-1	-0.07	-0.09	-0.17	-0.11		ppb
Cadmium	106-1	-0.92	-1.33	-2.26	-1.50		ppb
Cadmium	108-1	0.06	0.03	0.00	0.03	108.52	ppb
Calcium	43-1	-0.84	-7.54	-2.34	-3.57		ppb
Calcium	44-1	-2.30	-2.59	-3.26	-2.71		ppb
Chromium	52-2	-0.02	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	-0.14	-0.15	-0.12	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.49	1.50	1.30	1.43	7.73	ppb
Iron	57-2	1.76	1.19	1.92	1.62	23.82	ppb
Lead	206-1	483.60	489.55	488.34	487.16	0.65	ppb
Lead	207-1	480.51	488.18	483.52	484.07	0.80	ppb
Lead	208-1	491.79	497.45	497.20	495.48	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	1.83	3.48	1.69	2.33	42.63	ppb
Manganese	55-2	-0.18	-0.18	-0.17	-0.18		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.01	0.00	284.98	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	38.81	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	155.13	ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.57	3.73	3.90	3.73	4.53	ppb
Phosphorus	31-2	10.32	4.99	2.15	5.82	71.24	ppb
Potassium	39-2	4.74	4.26	3.40	4.13	16.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	-0.25	-0.25		ppb
Selenium	78-2	0.45	1.09	1.06	0.87	41.63	ppb
Selenium	82-1	1.61	1.23	0.37	1.07	59.04	ppb
Silicon	28-1	-5.30	-4.36	-2.59	-4.08		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	317.27	ppb
Sodium	23-2	15.07	13.56	13.13	13.92	7.30	ppb
Strontium	86-1	-0.06	-0.11	-0.06	-0.07		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-504.77	-386.90	-411.63	-434.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	9.90	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.14	ppb
Tin	118-1	0.20	0.22	0.22	0.21	5.68	ppb
Titanium	47-1	0.03	0.05	0.05	0.04	33.56	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	130.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.09	0.01	0.05	76.69	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	525.43	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

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

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.79	-0.39	-0.93	-0.70		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	101.10	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.13	-0.09	-0.12	-0.12		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.13	1.55	1.53	1.07	76.21	ppb
Boron	11-1	0.88	1.04	1.19	1.04	14.87	ppb
Cadmium	111-1	-0.08	-0.05	-0.08	-0.07		ppb
Cadmium	106-1	-1.05	-0.52	-0.88	-0.82		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	0.67	ppb
Calcium	43-1	-2.37	0.53	-3.91	-1.92		ppb
Calcium	44-1	-1.43	-2.26	-1.10	-1.59		ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	1946.00	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.15	-0.18	-0.27	-0.20		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.28	1.25	1.26	1.26	1.16	ppb
Iron	57-2	1.48	1.06	0.86	1.13	28.17	ppb
Lead	206-1	0.00	0.02	0.02	0.01	100.66	ppb
Lead	207-1	0.03	0.00	0.00	0.01	185.95	ppb
Lead	208-1	0.01	0.01	0.00	0.01	81.32	ppb
Lithium	6-1						%
Magnesium	24-2	2.03	4.68	1.97	2.89	53.53	ppb
Manganese	55-2	-0.15	-0.16	-0.16	-0.16		ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	162.14	ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.74	3.66	3.57	3.66	2.30	ppb
Phosphorus	31-2	11.57	6.38	-9.34	2.87	379.52	ppb
Potassium	39-2	-2.37	-4.54	-11.09	-6.00		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.25	-0.25	1.11	0.21	378.69	ppb
Selenium	78-2	-0.52	-0.06	-0.07	-0.21		ppb
Selenium	82-1	0.76	1.29	1.17	1.07	25.72	ppb
Silicon	28-1	-6.56	-5.20	-5.54	-5.77		ppb
Silver	109-1	0.00	0.00	0.00	0.00	302.86	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.56	6.39	8.13	7.03	13.62	ppb
Strontium	86-1	-0.01	-0.04	-0.08	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-327.88	-250.17	-304.51	-294.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	14.39	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	59.18	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.03	0.08	0.05	0.05	53.64	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	-0.05	-0.06	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	61.82	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	28.55	ppb

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	92	97	26.19	cps
Antimony	121-1	75	42	67	61	28.38	cps
Arsenic	75-2	17	19	11	15	24.99	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	92	83	75	83	10.00	cps
Beryllium	9-1	239	339	350	309	19.79	cps
Bismuth	209-1	6455466	6503317	6647068	6535284	1.53	cps
Bismuth	209-2	3883020	3892716	3921443	3899060	0.51	cps
Boron	10-1	100	108	100	103	4.68	cps
Boron	11-1	542	533	475	517	7.03	cps
Cadmium	111-1	1794	1768	1706	1756	2.56	cps
Cadmium	106-1	2559	2500	2425	2495	2.68	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	200	217	283	233	18.90	cps
Calcium	44-1	6819	7344	6944	7035	3.90	cps
Chromium	52-2	430	387	430	416	6.02	cps
Cobalt	59-2	173	207	140	173	19.23	cps
Copper	63-2	1350	1310	1433	1365	4.61	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	70	97	80	82	16.39	cps
Holmium	165-1	9456713	9420042	9649887	9508881	1.30	cps
Holmium	165-2	4982200	5023437	5021521	5009053	0.46	cps
Indium	115-1	7011331	7033965	7135015	7060103	0.93	cps
Indium	115-2	1430168	1432589	1442386	1435048	0.45	cps
Iron	56-2	5662	5457	5334	5485	3.02	cps
Iron	57-2	178	322	200	233	33.33	cps
Lead	206-1	1161	1089	1011	1087	6.90	cps
Lead	207-1	1039	1017	1017	1024	1.25	cps
Lead	208-1	4695	4506	4606	4602	2.05	cps
Lithium	6-1	1502423	1495574	1514843	1504280	0.65	cps
Magnesium	24-2	3000	3226	2984	3070	4.40	cps
Manganese	55-2	637	667	687	663	3.79	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	192	217	206	6.19	cps
Molybdenum	95-1	33	100	125	86	55.02	cps
Molybdenum	96-1	100	133	142	125	17.64	cps
Molybdenum	97-1	83	67	42	64	32.83	cps
Molybdenum	98-1	258	142	142	181	37.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1170	1117	1160	1149	2.47	cps
Phosphorus	31-2	92	92	158	114	33.80	cps
Potassium	39-2	26750	28537	27877	27721	3.26	cps
Rhodium	103-1	6196489	6281461	6361008	6279652	1.31	cps
Rhodium	103-2	2970935	2963610	2971868	2968804	0.15	cps
Scandium	45-1	3871264	3918855	3984840	3924986	1.45	cps
Scandium	45-2	173880	175205	171868	173651	0.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	50	65	52	56	14.54	cps
Selenium	82-1	207	327	162	232	36.57	cps
Silicon	28-1	302292	305305	303176	303591	0.51	cps
Silver	109-1	33	33	92	53	63.81	cps
Silver	107-1	42	83	83	69	34.64	cps
Sodium	23-2	10821	10329	10763	10637	2.53	cps
Strontium	86-1	983	883	875	914	6.60	cps
Strontium	88-1	783	858	992	878	12.02	cps
Sulfur	34-1	232674	233631	230011	232105	0.81	cps
Terbium	159-1	9810673	9774507	9873809	9819663	0.51	cps
Terbium	159-2	4891049	4910439	4911218	4904235	0.23	cps
Thallium	203-1	267	292	267	275	5.25	cps
Thallium	205-1	700	808	817	775	8.40	cps
Tin	118-1	575	808	650	678	17.58	cps
Titanium	47-1	83	50	75	69	24.98	cps
Uranium	238-1	242	142	200	194	25.83	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	7131302	7133330	7254311	7172981	0.98	cps
Yttrium	89-2	1072396	1071792	1073874	1072687	0.10	cps
Zinc	66-2	107	147	117	123	16.88	cps
Zirconium	90-1	383	400	425	403	5.21	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:02:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	125	108	15.39	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1092	1242	1275	1203	8.12	cps
Antimony	121-1	14625	14024	13974	14208	2.55	cps
Arsenic	75-2	257	226	248	244	6.64	cps
Barium	135-1	18121	18563	17962	18215	1.71	cps
Barium	137-1	31395	31913	31495	31601	0.87	cps
Beryllium	9-1	1267	1089	1189	1182	7.54	cps
Bismuth	209-1	6881292	6677475	6785090	6781286	1.50	cps
Bismuth	209-2	4169376	4177475	4080402	4142418	1.30	cps
Boron	10-1	2542	2550	2517	2536	0.68	cps
Boron	11-1	12089	11680	12356	12041	2.83	cps
Cadmium	111-1	3608	3687	3552	3616	1.87	cps
Cadmium	106-1	2975	3042	2850	2956	3.29	cps
Cadmium	108-1	113	108	121	114	5.59	cps
Calcium	43-1	8920	8786	8828	8845	0.77	cps
Calcium	44-1	148783	149077	147226	148362	0.67	cps
Chromium	52-2	4334	4317	4197	4283	1.74	cps
Cobalt	59-2	3217	2927	3224	3123	5.43	cps
Copper	63-2	6438	6118	6405	6320	2.78	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	67	25	17	36	74.18	cps
Erbium	164-2	30	23	40	31	26.97	cps
Gadolinium	160-1	33	42	83	53	50.76	cps
Gadolinium	160-2	80	63	90	78	17.32	cps
Holmium	165-1	10220609	10029179	10164961	10138250	0.97	cps
Holmium	165-2	5402439	5393166	5344470	5380025	0.58	cps
Indium	115-1	7704988	7426835	7650970	7594264	1.94	cps
Indium	115-2	1545055	1540221	1525703	1536993	0.66	cps
Iron	56-2	82146	79833	80023	80667	1.59	cps
Iron	57-2	2011	2117	2178	2102	4.01	cps
Lead	206-1	24150	22848	22842	23280	3.24	cps
Lead	207-1	21657	20733	19910	20767	4.21	cps
Lead	208-1	96610	94323	89708	93547	3.76	cps
Lithium	6-1	1588156	1566701	1584523	1579793	0.73	cps
Magnesium	24-2	66205	64573	66013	65597	1.36	cps
Manganese	55-2	1757	1630	1610	1666	4.78	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12940	13757	14133	13610	4.48	cps
Molybdenum	95-1	17220	16293	15818	16444	4.34	cps
Molybdenum	96-1	18137	18288	18571	18332	1.20	cps
Molybdenum	97-1	10613	10212	10471	10432	1.95	cps
Molybdenum	98-1	26417	25791	26450	26219	1.42	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2040	2124	2044	2069	2.28	cps
Phosphorus	31-2	125	192	217	178	26.65	cps
Potassium	39-2	92655	93250	93838	93248	0.63	cps
Rhodium	103-1	6806057	6615831	6726904	6716264	1.42	cps
Rhodium	103-2	3178640	3194988	3170782	3181470	0.39	cps
Scandium	45-1	4157593	3972871	4021454	4050639	2.36	cps
Scandium	45-2	186960	189390	185651	187333	1.01	cps
Selenium	77-2	47	10	20	26	74.17	cps
Selenium	78-2	122	130	157	136	13.60	cps
Selenium	82-1	766	688	772	742	6.27	cps
Silicon	28-1	332678	332715	334597	333330	0.33	cps
Silver	109-1	10262	10529	10429	10407	1.30	cps
Silver	107-1	10488	10696	11038	10741	2.59	cps
Sodium	23-2	133421	133364	132843	133210	0.24	cps
Strontium	86-1	3050	3159	3200	3137	2.47	cps
Strontium	88-1	20699	20716	19839	20418	2.45	cps
Sulfur	34-1	233661	235035	230914	233203	0.90	cps
Terbium	159-1	10731609	10374115	10511738	10539154	1.71	cps
Terbium	159-2	5292411	5328449	5231062	5283974	0.93	cps
Thallium	203-1	8903	9070	9354	9109	2.50	cps
Thallium	205-1	21627	21260	21385	21424	0.87	cps
Tin	118-1	28446	29707	30125	29426	2.97	cps
Titanium	47-1	4026	4267	4076	4123	3.10	cps
Uranium	238-1	24006	24257	23439	23900	1.75	cps
Vanadium	51-2	7639	7329	7385	7451	2.22	cps
Yttrium	89-1	7766539	7446706	7569639	7594295	2.12	cps
Yttrium	89-2	1156078	1162280	1148919	1155759	0.58	cps
Zinc	66-2	773	707	720	733	4.81	cps
Zirconium	90-1	11480	10996	11655	11377	3.00	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:10:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2484	2384	2659	2509	5.55	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59494	58775	60398	59556	1.36	cps
Antimony	121-1	381439	380089	384770	382099	0.63	cps
Arsenic	75-2	11803	11714	12022	11846	1.34	cps
Barium	135-1	497790	498232	501040	499021	0.35	cps
Barium	137-1	873325	871753	870011	871696	0.19	cps
Beryllium	9-1	53723	53271	51777	52924	1.92	cps
Bismuth	209-1	6894608	6936667	6913539	6914938	0.30	cps
Bismuth	209-2	4147102	4123584	4131217	4133968	0.29	cps
Boron	10-1	5159	5426	5643	5410	4.48	cps
Boron	11-1	26891	26966	26766	26875	0.38	cps
Cadmium	111-1	91719	91522	91407	91549	0.17	cps
Cadmium	106-1	12848	12206	12139	12398	3.16	cps
Cadmium	108-1	6560	5960	6560	6360	5.45	cps
Calcium	43-1	95852	97520	95651	96341	1.06	cps
Calcium	44-1	1578565	1585166	1577533	1580421	0.26	cps
Chromium	52-2	99795	98762	99573	99376	0.55	cps
Cobalt	59-2	160369	161700	162538	161536	0.68	cps
Copper	63-2	234028	235939	235917	235294	0.47	cps
Dysprosium	156-1	17	17	58	31	78.72	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	23	23	17	69.30	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	83	77	100	87	13.86	cps
Holmium	165-1	10234851	10393945	10297928	10308908	0.78	cps
Holmium	165-2	5352631	5341648	5414438	5369572	0.73	cps
Indium	115-1	7634392	7609398	7687872	7643887	0.52	cps
Indium	115-2	1529042	1515387	1539988	1528139	0.81	cps
Iron	56-2	4204275	4205287	4206368	4205310	0.02	cps
Iron	57-2	103624	102137	103742	103168	0.87	cps
Lead	206-1	331221	334569	330106	331965	0.70	cps
Lead	207-1	296021	299647	298346	298005	0.62	cps
Lead	208-1	1342546	1349504	1334800	1342283	0.55	cps
Lithium	6-1	1599316	1599490	1592015	1596940	0.27	cps
Magnesium	24-2	702278	703664	708718	704887	0.48	cps
Manganese	55-2	117561	116174	117985	117240	0.81	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	311503	315015	316318	314279	0.79	cps
Molybdenum	95-1	182146	180072	181102	181107	0.57	cps
Molybdenum	96-1	228492	228037	226072	227534	0.57	cps
Molybdenum	97-1	112281	112215	112089	112195	0.09	cps
Molybdenum	98-1	290120	287038	290059	289072	0.61	cps
Neodymium	150-1	27	47	47	40	28.87	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	43117	44083	44043	43748	1.25	cps
Phosphorus	31-2	3292	3225	3217	3245	1.27	cps
Potassium	39-2	391382	391150	391550	391361	0.05	cps
Rhodium	103-1	6727173	6752079	6697518	6725590	0.41	cps
Rhodium	103-2	3139876	3122064	3154460	3138800	0.52	cps
Scandium	45-1	4109690	4153626	4130329	4131215	0.53	cps
Scandium	45-2	186697	185375	186140	186071	0.36	cps
Selenium	77-2	277	247	323	282	13.69	cps
Selenium	78-2	882	915	909	902	1.98	cps
Selenium	82-1	5606	5808	5414	5610	3.51	cps
Silicon	28-1	503048	513723	509543	508771	1.06	cps
Silver	109-1	429679	429621	433931	431077	0.57	cps
Silver	107-1	451219	446261	446055	447845	0.65	cps
Sodium	23-2	1319001	1321860	1331245	1324035	0.48	cps
Strontium	86-1	117755	117427	117267	117483	0.21	cps
Strontium	88-1	1030967	1036417	1029365	1032250	0.36	cps
Sulfur	34-1	254598	255321	253150	254356	0.43	cps
Terbium	159-1	10614929	10646572	10671115	10644205	0.26	cps
Terbium	159-2	5243472	5231984	5270967	5248808	0.38	cps
Thallium	203-1	400065	409514	403964	404514	1.17	cps
Thallium	205-1	965205	977498	964558	969087	0.75	cps
Tin	118-1	313372	318212	315114	315566	0.78	cps
Titanium	47-1	45062	45036	44067	44722	1.27	cps
Uranium	238-1	1287981	1290903	1288649	1289177	0.12	cps
Vanadium	51-2	81380	81929	82419	81909	0.63	cps
Yttrium	89-1	7689613	7702514	7714161	7702096	0.16	cps
Yttrium	89-2	1147991	1138004	1149145	1145046	0.54	cps
Zinc	66-2	32299	31431	31925	31885	1.37	cps
Zirconium	90-1	576722	579454	584798	580324	0.71	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:14:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	128564	129758	129799	129374	0.54	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:17:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150213	150956	149987	150385	0.34	cps
Antimony	121-1	969969	972412	984694	975692	0.81	cps
Arsenic	75-2	29048	30393	29918	29786	2.29	cps
Barium	135-1	1259939	1253094	1270177	1261070	0.68	cps
Barium	137-1	2207544	2196838	2192484	2198955	0.35	cps
Beryllium	9-1	131525	130136	131420	131027	0.59	cps
Bismuth	209-1	6856588	6877059	6687125	6806924	1.53	cps
Bismuth	209-2	4044684	4082702	4246837	4124741	2.60	cps
Boron	10-1	12831	13356	13965	13384	4.24	cps
Boron	11-1	64438	65877	67292	65869	2.17	cps
Cadmium	111-1	229138	227281	227788	228069	0.42	cps
Cadmium	106-1	27586	26943	26601	27043	1.85	cps
Cadmium	108-1	16556	16389	16827	16591	1.33	cps
Calcium	43-1	236868	239180	240575	238874	0.78	cps
Calcium	44-1	3968738	3959222	3989541	3972501	0.39	cps
Chromium	52-2	246612	249973	249698	248761	0.75	cps
Cobalt	59-2	400866	405282	407204	404451	0.80	cps
Copper	63-2	580250	589118	587831	585733	0.82	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	20	17	13	17	20.01	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	92	58	125	92	36.36	cps
Gadolinium	160-2	73	83	73	77	7.53	cps
Holmium	165-1	10392660	10257761	10097160	10249193	1.44	cps
Holmium	165-2	5307522	5374830	5537954	5406768	2.19	cps
Indium	115-1	7660727	7576119	7432393	7556413	1.53	cps
Indium	115-2	1505223	1514197	1567933	1529118	2.22	cps
Iron	56-2	10267497	10375353	10436434	10359761	0.83	cps
Iron	57-2	255394	260360	259347	258367	1.02	cps
Lead	206-1	811860	815313	827795	818323	1.02	cps
Lead	207-1	734390	734171	739736	736099	0.43	cps
Lead	208-1	3311355	3313215	3342999	3322523	0.53	cps
Lithium	6-1	1579213	1583363	1558530	1573702	0.85	cps
Magnesium	24-2	1760299	1763851	1773940	1766030	0.40	cps
Manganese	55-2	292288	291079	295145	292838	0.71	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:17:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	786354	786464	792829	788549	0.47	cps
Molybdenum	95-1	452015	446034	451127	449725	0.72	cps
Molybdenum	96-1	569289	566728	572756	569591	0.53	cps
Molybdenum	97-1	277994	280459	280626	279693	0.53	cps
Molybdenum	98-1	725846	723447	726331	725208	0.21	cps
Neodymium	150-1	93	173	187	151	33.40	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	108017	108031	109256	108435	0.66	cps
Phosphorus	31-2	7986	8119	8111	8072	0.93	cps
Potassium	39-2	940762	943520	952436	945573	0.65	cps
Rhodium	103-1	6689977	6693044	6571459	6651493	1.04	cps
Rhodium	103-2	3100712	3127359	3209054	3145708	1.79	cps
Scandium	45-1	4145258	4145327	4023352	4104646	1.72	cps
Scandium	45-2	182164	187205	190199	186523	2.18	cps
Selenium	77-2	677	637	660	658	3.06	cps
Selenium	78-2	2184	2043	2265	2164	5.20	cps
Selenium	82-1	13756	13586	13672	13671	0.62	cps
Silicon	28-1	819617	824581	829964	824720	0.63	cps
Silver	109-1	1072654	1079284	1085369	1079103	0.59	cps
Silver	107-1	1122966	1122625	1117329	1120973	0.28	cps
Sodium	23-2	3333553	3331862	3336132	3333849	0.06	cps
Strontium	86-1	287161	295703	294523	292462	1.58	cps
Strontium	88-1	2573832	2579290	2611941	2588354	0.80	cps
Sulfur	34-1	292973	292070	290158	291733	0.49	cps
Terbium	159-1	10624575	10623147	10367182	10538301	1.41	cps
Terbium	159-2	5226478	5266121	5388421	5293673	1.59	cps
Thallium	203-1	1004176	1008663	1004680	1005839	0.24	cps
Thallium	205-1	2398141	2403962	2434673	2412259	0.81	cps
Tin	118-1	792948	793646	792855	793150	0.05	cps
Titanium	47-1	111754	111974	111125	111618	0.39	cps
Uranium	238-1	3249631	3260086	3283111	3264276	0.52	cps
Vanadium	51-2	203386	204599	207434	205139	1.01	cps
Yttrium	89-1	7689896	7689324	7483364	7620862	1.56	cps
Yttrium	89-2	1128859	1147115	1180794	1152256	2.29	cps
Zinc	66-2	79696	80206	81204	80369	0.95	cps
Zirconium	90-1	1483919	1459187	1487335	1476813	1.04	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:17:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	324588	322546	326067	324401	0.54	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290775	291670	291723	291389	0.18	cps
Antimony	121-1	1971014	1972751	1922757	1955507	1.45	cps
Arsenic	75-2	57275	57625	57974	57625	0.61	cps
Barium	135-1	2547976	2523248	2463776	2511667	1.72	cps
Barium	137-1	4469105	4418744	4322280	4403376	1.69	cps
Beryllium	9-1	267313	260460	257228	261667	1.97	cps
Bismuth	209-1	6776487	6670453	6557207	6668049	1.64	cps
Bismuth	209-2	3993698	4001794	4026979	4007490	0.43	cps
Boron	10-1	26783	28561	27710	27685	3.21	cps
Boron	11-1	133392	131762	133991	133048	0.87	cps
Cadmium	111-1	455554	451359	441624	449512	1.59	cps
Cadmium	106-1	51863	50867	49346	50692	2.50	cps
Cadmium	108-1	32872	32613	31193	32226	2.80	cps
Calcium	43-1	482996	480355	474215	479189	0.94	cps
Calcium	44-1	7954194	7922608	7766681	7881161	1.27	cps
Chromium	52-2	475534	474535	477959	476009	0.37	cps
Cobalt	59-2	781971	784366	784180	783506	0.17	cps
Copper	63-2	1125841	1124000	1129699	1126513	0.26	cps
Dysprosium	156-1	83	58	67	69	18.33	cps
Dysprosium	156-2	37	17	30	28	36.66	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	133	117	42	97	50.22	cps
Gadolinium	160-2	80	70	87	79	10.64	cps
Holmium	165-1	10326355	10123554	10007733	10152547	1.59	cps
Holmium	165-2	5290108	5305780	5302510	5299466	0.16	cps
Indium	115-1	7593523	7475537	7359653	7476237	1.56	cps
Indium	115-2	1488176	1496363	1493936	1492825	0.28	cps
Iron	56-2	20104551	19707329	20196348	20002743	1.30	cps
Iron	57-2	500745	500066	505676	502162	0.61	cps
Lead	206-1	1647282	1628957	1619390	1631876	0.87	cps
Lead	207-1	1493393	1464534	1452155	1470027	1.44	cps
Lead	208-1	6696354	6630313	6521167	6615944	1.34	cps
Lithium	6-1	1586087	1564157	1548574	1566273	1.20	cps
Magnesium	24-2	3431910	3432062	3452750	3438907	0.35	cps
Manganese	55-2	567985	562088	567073	565715	0.56	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1620027	1605738	1575860	1600542	1.41	cps
Molybdenum	95-1	913138	902670	879395	898401	1.92	cps
Molybdenum	96-1	1158950	1145655	1122449	1142351	1.62	cps
Molybdenum	97-1	570611	561045	555878	562511	1.33	cps
Molybdenum	98-1	1476489	1448973	1430493	1451985	1.59	cps
Neodymium	150-1	233	280	273	262	9.62	cps
Neodymium	150-2	43	20	17	27	54.47	cps
Nickel	60-2	205248	206635	206793	206225	0.41	cps
Phosphorus	31-2	15325	16468	15826	15873	3.61	cps
Potassium	39-2	1814928	1820096	1821056	1818694	0.18	cps
Rhodium	103-1	6644981	6513724	6463833	6540846	1.43	cps
Rhodium	103-2	3033640	3048513	3060172	3047442	0.44	cps
Scandium	45-1	4034883	4037869	3979667	4017473	0.82	cps
Scandium	45-2	184409	185473	187115	185665	0.73	cps
Selenium	77-2	1223	1200	1180	1201	1.81	cps
Selenium	78-2	3988	4221	4215	4141	3.22	cps
Selenium	82-1	27166	26786	26569	26840	1.13	cps
Silicon	28-1	1383414	1377089	1366795	1375766	0.61	cps
Silver	109-1	2164109	2149930	2080175	2131404	2.11	cps
Silver	107-1	2257479	2235800	2193772	2229017	1.45	cps
Sodium	23-2	6414180	6381249	6312391	6369273	0.82	cps
Strontium	86-1	593132	587370	575931	585477	1.50	cps
Strontium	88-1	5263356	5229354	5147689	5213466	1.14	cps
Sulfur	34-1	353932	355224	348154	352437	1.07	cps
Terbium	159-1	10572333	10574237	10268743	10471771	1.68	cps
Terbium	159-2	5178057	5207480	5184683	5190073	0.30	cps
Thallium	203-1	2022325	1992961	1979463	1998250	1.10	cps
Thallium	205-1	4923140	4857036	4818611	4866263	1.09	cps
Tin	118-1	1600223	1600128	1567780	1589377	1.18	cps
Titanium	47-1	230991	226683	222011	226562	1.98	cps
Uranium	238-1	6588711	6588775	6334487	6503991	2.26	cps
Vanadium	51-2	397165	398045	398533	397914	0.17	cps
Yttrium	89-1	7696958	7632429	7460758	7596715	1.61	cps
Yttrium	89-2	1124751	1127180	1142836	1131589	0.87	cps
Zinc	66-2	151846	152837	153976	152886	0.70	cps
Zirconium	90-1	3058981	3002299	2963218	3008166	1.60	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:21:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	673407	665950	645277	661545	2.20	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598309	604421	598008	600246	0.60	cps
Antimony	121-1	3930274	3954278	3966437	3950330	0.47	cps
Arsenic	75-2	118141	119187	118604	118644	0.44	cps
Barium	135-1	5075823	5108833	5123895	5102850	0.48	cps
Barium	137-1	8802116	8932446	8873740	8869434	0.74	cps
Beryllium	9-1	519049	521937	519174	520053	0.31	cps
Bismuth	209-1	6628035	6716097	6925062	6756398	2.26	cps
Bismuth	209-2	4105080	3871140	4041125	4005782	3.02	cps
Boron	10-1	56230	55503	56431	56055	0.87	cps
Boron	11-1	267062	270239	275712	271004	1.61	cps
Cadmium	111-1	884489	897274	893413	891725	0.74	cps
Cadmium	106-1	96897	97484	95772	96718	0.90	cps
Cadmium	108-1	64228	62475	64036	63580	1.51	cps
Calcium	43-1	965316	961390	967215	964640	0.31	cps
Calcium	44-1	15793149	15763577	15784244	15780323	0.10	cps
Chromium	52-2	979817	983236	980760	981271	0.18	cps
Cobalt	59-2	1592021	1595068	1593052	1593380	0.10	cps
Copper	63-2	2275786	2286513	2285002	2282434	0.25	cps
Dysprosium	156-1	158	67	100	108	42.83	cps
Dysprosium	156-2	73	40	40	51	37.65	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	50	142	75	89	53.31	cps
Gadolinium	160-2	90	77	107	91	16.50	cps
Holmium	165-1	10274158	10136533	10525415	10312035	1.91	cps
Holmium	165-2	5521629	5266329	5420219	5402726	2.38	cps
Indium	115-1	7402750	7545320	7692191	7546754	1.92	cps
Indium	115-2	1535184	1454773	1515083	1501680	2.79	cps
Iron	56-2	40780906	41102226	40827309	40903481	0.42	cps
Iron	57-2	1016977	1026571	1022905	1022151	0.47	cps
Lead	206-1	3260637	3259825	3270555	3263672	0.18	cps
Lead	207-1	2946670	2953769	2939877	2946772	0.24	cps
Lead	208-1	13311488	13331045	13342795	13328442	0.12	cps
Lithium	6-1	1572217	1581228	1612874	1588773	1.34	cps
Magnesium	24-2	7024427	7038757	6957198	7006794	0.62	cps
Manganese	55-2	1161025	1164110	1158203	1161113	0.25	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3251287	3233089	3240318	3241565	0.28	cps
Molybdenum	95-1	1830509	1806759	1822123	1819797	0.66	cps
Molybdenum	96-1	2327594	2288697	2310643	2308978	0.84	cps
Molybdenum	97-1	1135640	1116311	1125616	1125856	0.86	cps
Molybdenum	98-1	2973772	2913720	2932069	2939854	1.05	cps
Neodymium	150-1	473	487	473	478	1.61	cps
Neodymium	150-2	73	53	70	66	16.35	cps
Nickel	60-2	416650	418915	415361	416975	0.43	cps
Phosphorus	31-2	32185	33447	32820	32818	1.92	cps
Potassium	39-2	3732769	3746473	3715716	3731653	0.41	cps
Rhodium	103-1	6596660	6483744	6624078	6568161	1.13	cps
Rhodium	103-2	3132008	2965470	3091282	3062920	2.83	cps
Scandium	45-1	4126515	4082273	4200393	4136393	1.44	cps
Scandium	45-2	191206	179848	189874	186976	3.32	cps
Selenium	77-2	2297	2480	2424	2400	3.91	cps
Selenium	78-2	8467	8510	8295	8424	1.35	cps
Selenium	82-1	52115	52960	52670	52582	0.82	cps
Silicon	28-1	2497262	2509924	2521230	2509472	0.48	cps
Silver	109-1	4257638	4287262	4288324	4277741	0.41	cps
Silver	107-1	4457031	4400096	4441149	4432759	0.66	cps
Sodium	23-2	13013077	13094464	13110668	13072736	0.40	cps
Strontium	86-1	1172255	1191163	1176494	1179970	0.84	cps
Strontium	88-1	10311126	10326812	10347070	10328336	0.17	cps
Sulfur	34-1	485850	482856	482220	483642	0.40	cps
Terbium	159-1	10597497	10479210	10871216	10649307	1.89	cps
Terbium	159-2	5368008	5116492	5335671	5273390	2.59	cps
Thallium	203-1	4048117	3997233	4027402	4024250	0.64	cps
Thallium	205-1	9600821	9472549	9545837	9539736	0.67	cps
Tin	118-1	3173205	3221212	3233248	3209222	0.99	cps
Titanium	47-1	450127	450597	450917	450547	0.09	cps
Uranium	238-1	13079263	13335333	13146535	13187044	1.01	cps
Vanadium	51-2	819007	824950	825328	823095	0.43	cps
Yttrium	89-1	7667386	7653208	7823625	7714739	1.23	cps
Yttrium	89-2	1173006	1120289	1158803	1150699	2.37	cps
Zinc	66-2	308570	308474	310512	309185	0.37	cps
Zirconium	90-1	6124044	6092940	6064545	6093843	0.49	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:25:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1338365	1340988	1328524	1335959	0.49	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:28:57 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1203085	1195961	1206078	1201708	0.43	cps
Antimony	121-1	7886069	7830535	7843466	7853357	0.37	cps
Arsenic	75-2	238481	238515	239076	238691	0.14	cps
Barium	135-1	10287932	10224113	10235867	10249304	0.33	cps
Barium	137-1	17689955	17653801	17843227	17728994	0.57	cps
Beryllium	9-1	1019744	1019161	1023735	1020880	0.24	cps
Bismuth	209-1	6557211	6560225	6590693	6569376	0.28	cps
Bismuth	209-2	3979613	3983662	4019323	3994199	0.55	cps
Boron	10-1	113657	112105	113666	113143	0.79	cps
Boron	11-1	537890	550892	553304	547362	1.51	cps
Cadmium	111-1	1741276	1749925	1750337	1747179	0.29	cps
Cadmium	106-1	192059	188985	189199	190081	0.90	cps
Cadmium	108-1	125659	126899	125811	126123	0.54	cps
Calcium	43-1	1932091	1953661	1951988	1945913	0.62	cps
Calcium	44-1	31898713	31833960	31770949	31834541	0.20	cps
Chromium	52-2	1970408	1968515	1987466	1975463	0.53	cps
Cobalt	59-2	3178266	3194250	3213940	3195485	0.56	cps
Copper	63-2	4516370	4517377	4544111	4525953	0.35	cps
Dysprosium	156-1	250	275	300	275	9.09	cps
Dysprosium	156-2	140	143	113	132	12.43	cps
Erbium	164-1	67	117	83	89	28.64	cps
Erbium	164-2	30	40	57	42	31.91	cps
Gadolinium	160-1	192	192	142	175	16.50	cps
Gadolinium	160-2	153	113	120	129	16.63	cps
Holmium	165-1	10210411	10356179	10305624	10290738	0.72	cps
Holmium	165-2	5462647	5454577	5543186	5486803	0.89	cps
Indium	115-1	7363945	7410675	7377865	7384162	0.32	cps
Indium	115-2	1506360	1488356	1510960	1501892	0.80	cps
Iron	56-2	81805194	81638560	82450446	81964733	0.52	cps
Iron	57-2	2042599	2040924	2057576	2047033	0.45	cps
Lead	206-1	6571098	6578353	6599629	6583027	0.23	cps
Lead	207-1	5904717	5932560	5930608	5922628	0.26	cps
Lead	208-1	26530314	26619043	26635858	26595072	0.21	cps
Lithium	6-1	1568862	1565976	1575685	1570174	0.32	cps
Magnesium	24-2	14016493	14121871	13994869	14044411	0.48	cps
Manganese	55-2	2335923	2321020	2351574	2336172	0.65	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:28:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6539081	6603809	6590939	6577943	0.52	cps
Molybdenum	95-1	3655568	3674913	3672104	3667528	0.29	cps
Molybdenum	96-1	4670306	4697561	4708688	4692185	0.42	cps
Molybdenum	97-1	2266329	2263955	2288127	2272804	0.59	cps
Molybdenum	98-1	5932470	5938843	5925664	5932326	0.11	cps
Neodymium	150-1	953	860	993	936	7.31	cps
Neodymium	150-2	133	170	127	143	16.28	cps
Nickel	60-2	821158	824962	833198	826439	0.74	cps
Phosphorus	31-2	64122	65101	64992	64738	0.83	cps
Potassium	39-2	7476074	7441791	7421084	7446316	0.37	cps
Rhodium	103-1	6443836	6430623	6491274	6455244	0.49	cps
Rhodium	103-2	3055262	3043766	3072191	3057073	0.47	cps
Scandium	45-1	4144852	4158465	4159376	4154231	0.20	cps
Scandium	45-2	193940	191659	192653	192750	0.59	cps
Selenium	77-2	5021	4924	4971	4972	0.97	cps
Selenium	78-2	16613	16406	16860	16626	1.37	cps
Selenium	82-1	104390	104556	104666	104537	0.13	cps
Silicon	28-1	4311508	4360001	4331400	4334303	0.56	cps
Silver	109-1	8414193	8244310	8334808	8331104	1.02	cps
Silver	107-1	8649895	8698511	8720487	8689631	0.42	cps
Sodium	23-2	26098530	25963301	26151334	26071055	0.37	cps
Strontium	86-1	2360871	2370304	2385647	2372274	0.53	cps
Strontium	88-1	20997022	20489187	20790569	20758926	1.23	cps
Sulfur	34-1	757588	757482	757612	757561	0.01	cps
Terbium	159-1	10740226	10667394	10684151	10697257	0.36	cps
Terbium	159-2	5316322	5354043	5422368	5364245	1.00	cps
Thallium	203-1	7972817	7934949	7970783	7959516	0.27	cps
Thallium	205-1	19228376	19079935	19162674	19156995	0.39	cps
Tin	118-1	6367480	6364618	6364546	6365548	0.03	cps
Titanium	47-1	922980	921020	913330	919110	0.55	cps
Uranium	238-1	26144985	26324386	26226145	26231839	0.34	cps
Vanadium	51-2	1667684	1662150	1680563	1670132	0.57	cps
Yttrium	89-1	7720539	7630740	7770586	7707288	0.92	cps
Yttrium	89-2	1168917	1173323	1188079	1176773	0.85	cps
Zinc	66-2	620520	620359	621041	620640	0.06	cps
Zirconium	90-1	12345768	12259188	12342140	12315699	0.40	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:28:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2708028	2708219	2699861	2705369	0.18	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:32:29 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6374014	6455504	6421812	6417110	0.64	cps
Antimony	121-1	28438	27645	26693	27592	3.17	cps
Arsenic	75-2	157	157	183	166	9.02	cps
Barium	135-1	5101	5034	4676	4937	4.63	cps
Barium	137-1	8345	8403	8420	8389	0.47	cps
Beryllium	9-1	1228	1106	1095	1143	6.48	cps
Bismuth	209-1	5866674	5861345	5678889	5802302	1.84	cps
Bismuth	209-2	3572159	3589828	3595917	3585968	0.34	cps
Boron	10-1	6518	6268	5801	6196	5.87	cps
Boron	11-1	32252	30331	28369	30318	6.40	cps
Cadmium	111-1	2288	2185	2324	2265	3.18	cps
Cadmium	106-1	2634	2534	2675	2614	2.79	cps
Cadmium	108-1	50	38	58	49	21.57	cps
Calcium	43-1	10191542	10312011	10346547	10283366	0.79	cps
Calcium	44-1	165314404	165342370	167406937	166021237	0.72	cps
Chromium	52-2	60149	59740	61217	60369	1.26	cps
Cobalt	59-2	5841	5788	5911	5847	1.06	cps
Copper	63-2	11201	11224	11391	11272	0.92	cps
Dysprosium	156-1	133	233	233	200	28.87	cps
Dysprosium	156-2	73	80	63	72	11.62	cps
Erbium	164-1	100	75	92	89	14.33	cps
Erbium	164-2	63	43	53	53	18.75	cps
Gadolinium	160-1	142	192	108	147	28.49	cps
Gadolinium	160-2	117	107	120	114	6.06	cps
Holmium	165-1	9838129	9818579	9562589	9739765	1.58	cps
Holmium	165-2	5235548	5264919	5261741	5254070	0.31	cps
Indium	115-1	7090659	7125555	6913472	7043229	1.61	cps
Indium	115-2	1459004	1466212	1469657	1464958	0.37	cps
Iron	56-2	406363131	405675176	412886220	408308176	0.97	cps
Iron	57-2	10259432	10287610	10314605	10287216	0.27	cps
Lead	206-1	12790	13068	13118	12992	1.36	cps
Lead	207-1	11022	11094	10466	10860	3.17	cps
Lead	208-1	51196	50922	50818	50979	0.38	cps
Lithium	6-1	1549906	1561404	1539551	1550287	0.71	cps
Magnesium	24-2	74068760	73844454	74715275	74209496	0.61	cps
Manganese	55-2	13356	13126	13393	13292	1.09	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:32:29	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12890	12197	12598	12562	2.77	cps
Molybdenum	95-1	18988	19222	18688	18966	1.41	cps
Molybdenum	96-1	26300	26559	26141	26333	0.80	cps
Molybdenum	97-1	11939	11847	12164	11983	1.36	cps
Molybdenum	98-1	30952	29306	29548	29935	2.97	cps
Neodymium	150-1	147	133	113	131	12.79	cps
Neodymium	150-2	27	70	43	47	46.84	cps
Nickel	60-2	15565	16046	15856	15822	1.53	cps
Phosphorus	31-2	175	192	192	186	5.17	cps
Potassium	39-2	38754294	38516012	38937252	38735853	0.55	cps
Rhodium	103-1	5935261	5947292	5877595	5920049	0.63	cps
Rhodium	103-2	2821625	2817870	2829474	2822990	0.21	cps
Scandium	45-1	4151918	4144405	4102590	4132971	0.64	cps
Scandium	45-2	197261	197538	199584	198128	0.64	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	63	72	85	73	15.20	cps
Selenium	82-1	545	424	420	463	15.41	cps
Silicon	28-1	426232	435308	437925	433155	1.42	cps
Silver	109-1	1742	1750	1775	1756	0.99	cps
Silver	107-1	2000	1734	1817	1850	7.37	cps
Sodium	23-2	134592149	135547003	136678378	135605843	0.77	cps
Strontium	86-1	80493	80442	80182	80372	0.21	cps
Strontium	88-1	698748	704226	705175	702716	0.49	cps
Sulfur	34-1	227571	226732	228909	227737	0.48	cps
Terbium	159-1	10234464	10176617	10061055	10157379	0.87	cps
Terbium	159-2	5096819	5161028	5135592	5131146	0.63	cps
Thallium	203-1	5610	5843	5651	5701	2.18	cps
Thallium	205-1	14692	13608	13849	14050	4.05	cps
Tin	118-1	10554	11021	9971	10515	5.01	cps
Titanium	47-1	1650	1709	1784	1714	3.90	cps
Uranium	238-1	7261	6935	6660	6952	4.32	cps
Vanadium	51-2	1200	1190	1070	1153	6.27	cps
Yttrium	89-1	7476388	7544491	7345709	7455530	1.35	cps
Yttrium	89-2	1168823	1162258	1163835	1164972	0.29	cps
Zinc	66-2	5294	5261	5364	5307	0.99	cps
Zirconium	90-1	4568	4042	4026	4212	7.32	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:32:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1117	1000	1008	1042	6.25	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:36:10 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30440	30173	30591	30401	0.70	cps
Antimony	121-1	1512619	1506397	1516632	1511883	0.34	cps
Arsenic	75-2	47903	47275	47758	47645	0.69	cps
Barium	135-1	199883	199841	198659	199461	0.35	cps
Barium	137-1	343849	346949	346960	345919	0.52	cps
Beryllium	9-1	105979	104546	106046	105524	0.80	cps
Bismuth	209-1	6586410	6776968	6709391	6690923	1.44	cps
Bismuth	209-2	4010574	4041450	4071050	4041025	0.75	cps
Boron	10-1	60815	60597	61534	60982	0.80	cps
Boron	11-1	296489	299863	302313	299555	0.98	cps
Cadmium	111-1	184310	185973	185245	185176	0.45	cps
Cadmium	106-1	34292	36582	35012	35295	3.32	cps
Cadmium	108-1	17903	18062	17599	17855	1.32	cps
Calcium	43-1	44134	42579	43658	43457	1.83	cps
Calcium	44-1	681631	679208	676418	679085	0.38	cps
Chromium	52-2	195054	194610	194762	194809	0.12	cps
Cobalt	59-2	326595	328655	325421	326891	0.50	cps
Copper	63-2	235057	234785	236280	235374	0.34	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	50	133	78	61.86	cps
Erbium	164-2	30	30	37	32	11.95	cps
Gadolinium	160-1	75	100	50	75	33.34	cps
Gadolinium	160-2	70	77	57	68	15.02	cps
Holmium	165-1	9738772	10038909	10132675	9970119	2.06	cps
Holmium	165-2	5283095	5265249	5272358	5273567	0.17	cps
Indium	115-1	7356226	7553165	7448290	7452560	1.32	cps
Indium	115-2	1511515	1511481	1508837	1510611	0.10	cps
Iron	56-2	1693944	1684936	1698392	1692424	0.41	cps
Iron	57-2	41303	42250	41582	41712	1.17	cps
Lead	206-1	1298130	1314813	1296951	1303298	0.77	cps
Lead	207-1	1130462	1139956	1124533	1131651	0.69	cps
Lead	208-1	5182052	5203723	5180151	5188642	0.25	cps
Lithium	6-1	1593572	1620429	1605469	1606490	0.84	cps
Magnesium	24-2	172381	169851	172625	171619	0.89	cps
Manganese	55-2	116164	115750	117649	116521	0.86	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:36:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3195844	3174202	3188578	3186208	0.35	cps
Molybdenum	95-1	1715916	1711008	1703901	1710275	0.35	cps
Molybdenum	96-1	2200252	2182836	2183179	2188756	0.45	cps
Molybdenum	97-1	1068177	1058807	1068365	1065117	0.51	cps
Molybdenum	98-1	2767577	2736893	2756651	2753707	0.56	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	3	20	0	8	137.80	cps
Nickel	60-2	88002	87640	88954	88199	0.77	cps
Phosphorus	31-2	175	175	167	172	2.79	cps
Potassium	39-2	329053	329388	330026	329489	0.15	cps
Rhodium	103-1	6605672	6808552	6759262	6724495	1.57	cps
Rhodium	103-2	3143216	3144940	3147556	3145237	0.07	cps
Scandium	45-1	4182334	4225895	4214020	4207417	0.54	cps
Scandium	45-2	192002	192968	193367	192779	0.36	cps
Selenium	77-2	1073	1027	1043	1048	2.26	cps
Selenium	78-2	3458	3591	3526	3525	1.89	cps
Selenium	82-1	21934	21678	21763	21791	0.60	cps
Silicon	28-1	2167930	2162013	2163918	2164620	0.14	cps
Silver	109-1	853855	849345	853429	852210	0.29	cps
Silver	107-1	880645	887695	892717	887019	0.68	cps
Sodium	23-2	551688	555323	551320	552777	0.40	cps
Strontium	86-1	1125506	1124943	1135163	1128537	0.51	cps
Strontium	88-1	10006843	9950871	9987416	9981710	0.28	cps
Sulfur	34-1	228359	229153	225024	227512	0.96	cps
Terbium	159-1	10274535	10480063	10340434	10365011	1.01	cps
Terbium	159-2	5145943	5158996	5169603	5158181	0.23	cps
Thallium	203-1	1616129	1605769	1620074	1613991	0.46	cps
Thallium	205-1	3907429	3915490	3901759	3908226	0.18	cps
Tin	118-1	2998803	2982204	2998817	2993275	0.32	cps
Titanium	47-1	439231	440432	436266	438643	0.49	cps
Uranium	238-1	12888590	12851719	12894260	12878190	0.18	cps
Vanadium	51-2	163258	164391	165362	164337	0.64	cps
Yttrium	89-1	7680814	7788874	7746660	7738783	0.70	cps
Yttrium	89-2	1156714	1159296	1164247	1160086	0.33	cps
Zinc	66-2	65563	64689	65720	65324	0.85	cps
Zirconium	90-1	6133691	6147568	6169578	6150279	0.29	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:36:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1334822	1337670	1340105	1337532	0.20	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:39:39 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	125	103	20.41	cps
Antimony	121-1	7552	6585	6677	6938	7.69	cps
Arsenic	75-2	30	39	41	36	16.34	cps
Barium	135-1	75	33	67	58	37.80	cps
Barium	137-1	167	83	83	111	43.30	cps
Beryllium	9-1	778	606	506	630	21.87	cps
Bismuth	209-1	6913828	6947750	6987128	6949569	0.53	cps
Bismuth	209-2	4295047	4267572	4205749	4256123	1.07	cps
Boron	10-1	3159	2950	2725	2945	7.36	cps
Boron	11-1	15509	14191	13456	14385	7.23	cps
Cadmium	111-1	1934	2053	2160	2049	5.53	cps
Cadmium	106-1	2717	2892	3059	2889	5.91	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	317	375	300	331	11.91	cps
Calcium	44-1	8503	8011	8111	8208	3.17	cps
Chromium	52-2	413	437	417	422	2.99	cps
Cobalt	59-2	240	207	227	224	7.48	cps
Copper	63-2	1717	1760	1480	1652	9.12	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	25	0	28	105.36	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	75	75	67	72	6.66	cps
Gadolinium	160-2	117	77	77	90	25.66	cps
Holmium	165-1	10343870	10491961	10436368	10424066	0.72	cps
Holmium	165-2	5539951	5522651	5441550	5501384	0.95	cps
Indium	115-1	7829824	7827261	7818477	7825187	0.08	cps
Indium	115-2	1616529	1598177	1581408	1598705	1.10	cps
Iron	56-2	12945	13190	14246	13460	5.14	cps
Iron	57-2	400	400	428	409	3.92	cps
Lead	206-1	1678	1656	1811	1715	4.91	cps
Lead	207-1	1478	1667	1589	1578	6.02	cps
Lead	208-1	7034	6890	6851	6925	1.40	cps
Lithium	6-1	1619928	1635531	1630051	1628504	0.49	cps
Magnesium	24-2	1850	2192	2042	2028	8.45	cps
Manganese	55-2	457	400	510	456	12.08	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:39:39	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1383	1392	1117	1297	12.06	cps
Molybdenum	95-1	1659	1525	1133	1439	18.97	cps
Molybdenum	96-1	1667	1650	1358	1558	11.13	cps
Molybdenum	97-1	1058	975	942	992	6.06	cps
Molybdenum	98-1	2525	2409	1959	2298	13.03	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1860	1687	2044	1863	9.57	cps
Phosphorus	31-2	117	192	133	147	26.75	cps
Potassium	39-2	29230	30115	29772	29706	1.50	cps
Rhodium	103-1	6947326	7033083	7066064	7015491	0.87	cps
Rhodium	103-2	3331865	3308547	3278390	3306267	0.81	cps
Scandium	45-1	4306403	4326963	4313989	4315785	0.24	cps
Scandium	45-2	200690	201088	196903	199561	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	72	65	63	16.38	cps
Selenium	82-1	200	407	249	285	37.83	cps
Silicon	28-1	317491	312758	313188	314479	0.83	cps
Silver	109-1	150	175	133	153	13.73	cps
Silver	107-1	225	133	108	156	39.49	cps
Sodium	23-2	18846	19772	18379	18999	3.73	cps
Strontium	86-1	842	925	967	911	6.99	cps
Strontium	88-1	1150	975	958	1028	10.33	cps
Sulfur	34-1	233258	231153	234013	232808	0.64	cps
Terbium	159-1	10650116	10845166	10823015	10772765	0.99	cps
Terbium	159-2	5445718	5364088	5355216	5388341	0.93	cps
Thallium	203-1	1000	850	900	917	8.33	cps
Thallium	205-1	2209	2359	2184	2250	4.21	cps
Tin	118-1	4259	3943	3467	3890	10.25	cps
Titanium	47-1	92	100	117	103	12.39	cps
Uranium	238-1	717	617	492	608	18.53	cps
Vanadium	51-2	27	10	13	17	52.93	cps
Yttrium	89-1	7935695	8002969	7988442	7975702	0.44	cps
Yttrium	89-2	1226560	1211617	1200349	1212842	1.08	cps
Zinc	66-2	170	227	147	181	22.72	cps
Zirconium	90-1	1258	1308	1092	1220	9.30	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:39:39	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	242	233	244	5.21	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 15:43:09 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5804570	5808716	5769749	5794345	0.37	cps
Antimony	121-1	11639	11914	11847	11800	1.22	cps
Arsenic	75-2	81	137	81	100	32.08	cps
Barium	135-1	2784	2934	3142	2953	6.10	cps
Barium	137-1	5351	5235	5385	5323	1.48	cps
Beryllium	9-1	844	817	756	806	5.65	cps
Bismuth	209-1	6541507	6527475	6522842	6530608	0.15	cps
Bismuth	209-2	3812541	3947196	3908276	3889338	1.78	cps
Boron	10-1	2059	2159	1992	2070	4.05	cps
Boron	11-1	10788	10287	10112	10396	3.37	cps
Cadmium	111-1	2572	2710	2595	2626	2.83	cps
Cadmium	106-1	2642	2792	2842	2759	3.77	cps
Cadmium	108-1	1283	1200	1225	1236	3.46	cps
Calcium	43-1	1936477	1922269	1929641	1929462	0.37	cps
Calcium	44-1	31901348	31604001	31419972	31641773	0.77	cps
Chromium	52-2	39690	39149	39764	39534	0.85	cps
Cobalt	59-2	3714	3811	3831	3785	1.65	cps
Copper	63-2	19660	19790	19834	19761	0.46	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	37	27	20	28	30.20	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	17	3	20	13	66.16	cps
Gadolinium	160-1	117	158	117	131	18.43	cps
Gadolinium	160-2	60	67	83	70	17.17	cps
Holmium	165-1	10409437	10501433	10402501	10437790	0.53	cps
Holmium	165-2	5332182	5492834	5420874	5415297	1.49	cps
Indium	115-1	7654235	7605269	7587789	7615765	0.45	cps
Indium	115-2	1480263	1537854	1518587	1512235	1.94	cps
Iron	56-2	163718881	163630520	162082681	163144028	0.56	cps
Iron	57-2	4091509	4086611	4067058	4081726	0.32	cps
Lead	206-1	37620	34629	35220	35823	4.42	cps
Lead	207-1	30324	28264	28314	28967	4.06	cps
Lead	208-1	140726	133865	132311	135634	3.30	cps
Lithium	6-1	1547447	1562087	1544044	1551193	0.62	cps
Magnesium	24-2	13888320	13778115	13688411	13784949	0.73	cps
Manganese	55-2	9817	9653	9833	9768	1.02	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:43:09	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4042413	4019436	4029853	4030567	0.29	cps
Molybdenum	95-1	7163783	7099516	7024000	7095766	0.99	cps
Molybdenum	96-1	7645787	7709806	7680028	7678541	0.42	cps
Molybdenum	97-1	4454343	4392433	4421339	4422705	0.70	cps
Molybdenum	98-1	11658822	11612708	11583374	11618301	0.33	cps
Neodymium	150-1	40	40	80	53	43.30	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	6231	6388	6188	6269	1.68	cps
Phosphorus	31-2	321209	318083	317989	319094	0.57	cps
Potassium	39-2	14952843	14888881	14687945	14843223	0.93	cps
Rhodium	103-1	6509259	6486502	6535642	6510468	0.38	cps
Rhodium	103-2	2981561	3087879	3058367	3042602	1.80	cps
Scandium	45-1	4203304	4209302	4181598	4198068	0.35	cps
Scandium	45-2	187403	195330	193095	191943	2.13	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	65	69	81	72	12.22	cps
Selenium	82-1	377	321	271	323	16.36	cps
Silicon	28-1	410934	411473	412322	411576	0.17	cps
Silver	109-1	483	658	633	592	16.00	cps
Silver	107-1	633	667	792	697	11.97	cps
Sodium	23-2	26281872	26052268	25825118	26053086	0.88	cps
Strontium	86-1	79177	81414	79528	80040	1.50	cps
Strontium	88-1	709096	709251	703886	707411	0.43	cps
Sulfur	34-1	2937293	2905228	2884524	2909015	0.91	cps
Terbium	159-1	10680407	10812527	10764226	10752387	0.62	cps
Terbium	159-2	5187964	5348291	5280113	5272123	1.53	cps
Thallium	203-1	2342	2284	2217	2281	2.74	cps
Thallium	205-1	5368	6127	5735	5743	6.61	cps
Tin	118-1	3859	3942	4067	3956	2.65	cps
Titanium	47-1	1816797	1799583	1798170	1804850	0.57	cps
Uranium	238-1	792	658	650	700	11.36	cps
Vanadium	51-2	217	340	280	279	22.11	cps
Yttrium	89-1	7802641	7900744	7820968	7841451	0.67	cps
Yttrium	89-2	1154946	1195666	1176789	1175801	1.73	cps
Zinc	66-2	3831	3921	3737	3829	2.39	cps
Zirconium	90-1	9095	7102	6235	7477	19.61	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:43:09	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2017	1575	1567	1720	14.97	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5720942	5736080	5640383	5699135	0.90	cps
Antimony	121-1	163610	163196	163272	163359	0.13	cps
Arsenic	75-2	4667	4951	4766	4795	3.00	cps
Barium	135-1	45241	43586	43886	44238	1.99	cps
Barium	137-1	76678	77592	75966	76745	1.06	cps
Beryllium	9-1	20487	20548	20681	20572	0.48	cps
Bismuth	209-1	6520296	6532712	6561504	6538171	0.32	cps
Bismuth	209-2	3887581	3806660	3945247	3879829	1.79	cps
Boron	10-1	7494	6994	7102	7196	3.66	cps
Boron	11-1	35000	35643	35952	35532	1.37	cps
Cadmium	111-1	37232	37093	36898	37074	0.45	cps
Cadmium	106-1	7269	7019	7302	7197	2.15	cps
Cadmium	108-1	3988	4109	4217	4105	2.79	cps
Calcium	43-1	1920287	1940138	1923966	1928130	0.55	cps
Calcium	44-1	31612090	31669892	31481010	31587664	0.31	cps
Chromium	52-2	78916	79349	77409	78558	1.30	cps
Cobalt	59-2	66982	68472	68325	67926	1.21	cps
Copper	63-2	65901	65733	65389	65674	0.40	cps
Dysprosium	156-1	67	25	50	47	44.41	cps
Dysprosium	156-2	27	23	33	28	18.33	cps
Erbium	164-1	67	100	33	67	50.01	cps
Erbium	164-2	53	53	33	47	24.75	cps
Gadolinium	160-1	50	92	67	69	30.20	cps
Gadolinium	160-2	80	107	117	101	18.75	cps
Holmium	165-1	10452743	10452274	10462807	10455941	0.06	cps
Holmium	165-2	5402028	5287406	5457844	5382426	1.61	cps
Indium	115-1	7521593	7571268	7540601	7544487	0.33	cps
Indium	115-2	1523457	1493022	1539775	1518751	1.56	cps
Iron	56-2	160852065	163609987	161522748	161994933	0.89	cps
Iron	57-2	4052826	4088486	4054135	4065149	0.50	cps
Lead	206-1	163868	162354	162491	162904	0.51	cps
Lead	207-1	135354	135920	136522	135932	0.43	cps
Lead	208-1	630017	628296	626294	628202	0.30	cps
Lithium	6-1	1524422	1523605	1524104	1524044	0.03	cps
Magnesium	24-2	13788041	13744699	13550202	13694314	0.92	cps
Manganese	55-2	33812	33391	33091	33431	1.08	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4359665	4377933	4381886	4373161	0.27	cps
Molybdenum	95-1	7247410	7152764	7306626	7235600	1.07	cps
Molybdenum	96-1	7879026	7923539	7993758	7932108	0.73	cps
Molybdenum	97-1	4542021	4515854	4538308	4532061	0.31	cps
Molybdenum	98-1	11876254	11796641	11823229	11832042	0.34	cps
Neodymium	150-1	27	33	33	31	12.36	cps
Neodymium	150-2	13	33	23	23	42.86	cps
Nickel	60-2	23746	23552	23579	23626	0.44	cps
Phosphorus	31-2	315388	318074	316125	316529	0.44	cps
Potassium	39-2	14700919	14815361	14699401	14738560	0.45	cps
Rhodium	103-1	6670505	6586583	6602829	6619973	0.67	cps
Rhodium	103-2	3058464	2988023	3093915	3046800	1.77	cps
Scandium	45-1	4231466	4238190	4202210	4223956	0.45	cps
Scandium	45-2	194968	189384	192745	192366	1.46	cps
Selenium	77-2	77	133	133	114	28.59	cps
Selenium	78-2	387	389	431	402	6.25	cps
Selenium	82-1	2486	2386	2404	2425	2.19	cps
Silicon	28-1	615376	613305	621836	616839	0.72	cps
Silver	109-1	161371	159607	159457	160145	0.66	cps
Silver	107-1	166898	167420	168037	167452	0.34	cps
Sodium	23-2	26001527	25798429	25616235	25805397	0.75	cps
Strontium	86-1	201586	202693	203321	202533	0.43	cps
Strontium	88-1	1761421	1755521	1778900	1765281	0.69	cps
Sulfur	34-1	2888288	2904114	2875542	2889315	0.50	cps
Terbium	159-1	10780796	10778957	10802658	10787470	0.12	cps
Terbium	159-2	5299768	5172772	5344660	5272400	1.69	cps
Thallium	203-1	159916	160938	161814	160889	0.59	cps
Thallium	205-1	386771	387145	388050	387322	0.17	cps
Tin	118-1	320825	321279	322141	321415	0.21	cps
Titanium	47-1	1840513	1839833	1841914	1840753	0.06	cps
Uranium	238-1	1293090	1300560	1302705	1298785	0.39	cps
Vanadium	51-2	32807	33124	33070	33000	0.52	cps
Yttrium	89-1	7784910	7952633	7888586	7875376	1.07	cps
Yttrium	89-2	1181138	1153561	1191941	1175546	1.68	cps
Zinc	66-2	10104	10040	10054	10066	0.33	cps
Zirconium	90-1	654425	659606	661723	658585	0.57	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:46:36	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	143624	146013	146880	145505	1.16	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3230582	3266666	3277862	3258370	0.76	cps
Antimony	121-1	3877596	3872469	3902962	3884342	0.42	cps
Arsenic	75-2	122044	122029	122176	122083	0.07	cps
Barium	135-1	5129116	5144872	5165332	5146440	0.35	cps
Barium	137-1	8832825	8855545	8891270	8859880	0.33	cps
Beryllium	9-1	515024	519775	522823	519207	0.76	cps
Bismuth	209-1	6364638	6429472	6367606	6387238	0.57	cps
Bismuth	209-2	3831185	3815217	3859924	3835442	0.59	cps
Boron	10-1	56180	58213	60706	58366	3.88	cps
Boron	11-1	281442	284852	287427	284574	1.05	cps
Cadmium	111-1	852713	849608	847625	849982	0.30	cps
Cadmium	106-1	95101	93055	93760	93972	1.11	cps
Cadmium	108-1	61357	60935	60337	60876	0.84	cps
Calcium	43-1	5176211	5174174	5171848	5174078	0.04	cps
Calcium	44-1	83286441	82995739	83302060	83194747	0.21	cps
Chromium	52-2	1047141	1052305	1055033	1051493	0.38	cps
Cobalt	59-2	1629021	1635509	1632308	1632279	0.20	cps
Copper	63-2	2262516	2262295	2275326	2266712	0.33	cps
Dysprosium	156-1	125	133	150	136	9.35	cps
Dysprosium	156-2	113	87	93	98	14.19	cps
Erbium	164-1	100	67	75	81	21.53	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	83	133	125	114	23.52	cps
Gadolinium	160-2	110	103	93	102	8.20	cps
Holmium	165-1	10468660	10492352	10453279	10471430	0.19	cps
Holmium	165-2	5416505	5449718	5467163	5444462	0.47	cps
Indium	115-1	7592651	7557911	7589825	7580129	0.25	cps
Indium	115-2	1517904	1515994	1532792	1522230	0.60	cps
Iron	56-2	206275177	206652316	207981360	206969618	0.43	cps
Iron	57-2	5193520	5210527	5205538	5203195	0.17	cps
Lead	206-1	3183940	3186331	3130151	3166807	1.00	cps
Lead	207-1	2851741	2854871	2835889	2847500	0.36	cps
Lead	208-1	12916875	12915460	12860478	12897604	0.25	cps
Lithium	6-1	1539132	1557266	1561027	1552475	0.75	cps
Magnesium	24-2	36698890	36893489	36726621	36773000	0.29	cps
Manganese	55-2	1202048	1209468	1214730	1208749	0.53	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3322175	3343555	3308783	3324838	0.53	cps
Molybdenum	95-1	1872916	1883952	1880330	1879066	0.30	cps
Molybdenum	96-1	2379434	2381810	2392808	2384684	0.30	cps
Molybdenum	97-1	1171364	1163730	1157591	1164228	0.59	cps
Molybdenum	98-1	3037783	3041495	3017528	3032269	0.43	cps
Neodymium	150-1	573	407	447	476	18.30	cps
Neodymium	150-2	73	47	93	71	32.92	cps
Nickel	60-2	423205	425403	426028	424879	0.35	cps
Phosphorus	31-2	33497	34725	34316	34179	1.83	cps
Potassium	39-2	19511979	19498784	19608011	19539591	0.31	cps
Rhodium	103-1	6481981	6507443	6472902	6487442	0.28	cps
Rhodium	103-2	3022733	2997452	3032022	3017403	0.59	cps
Scandium	45-1	4333501	4391091	4375040	4366544	0.68	cps
Scandium	45-2	202953	201605	203123	202560	0.41	cps
Selenium	77-2	2520	2537	2484	2514	1.09	cps
Selenium	78-2	8351	8393	8440	8394	0.53	cps
Selenium	82-1	51660	52158	51878	51899	0.48	cps
Silicon	28-1	2512572	2548606	2563517	2541565	1.03	cps
Silver	109-1	4107769	4104133	4069734	4093879	0.51	cps
Silver	107-1	4285834	4262218	4243275	4263776	0.50	cps
Sodium	23-2	68191185	68569464	68428541	68396397	0.28	cps
Strontium	86-1	1238855	1231582	1235377	1235271	0.29	cps
Strontium	88-1	10872872	10963758	10956905	10931178	0.46	cps
Sulfur	34-1	498767	499185	498358	498770	0.08	cps
Terbium	159-1	10688603	10905948	10770827	10788460	1.02	cps
Terbium	159-2	5337411	5290611	5375601	5334541	0.80	cps
Thallium	203-1	3938136	3935089	3886648	3919957	0.74	cps
Thallium	205-1	9445164	9400143	9315213	9386840	0.70	cps
Tin	118-1	3172573	3193532	3162714	3176273	0.50	cps
Titanium	47-1	481829	477277	482117	480408	0.57	cps
Uranium	238-1	13257205	13110902	13165896	13178001	0.56	cps
Vanadium	51-2	872050	873067	877058	874058	0.30	cps
Yttrium	89-1	7882293	8054609	8079238	8005380	1.34	cps
Yttrium	89-2	1201996	1200707	1209079	1203927	0.37	cps
Zinc	66-2	304938	307130	305941	306003	0.36	cps
Zirconium	90-1	6145058	6257848	6253169	6218692	1.03	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P7
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:50:03	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1370821	1370759	1370111	1370564	0.03	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	125	125	128	3.76	cps
Antimony	121-1	10713	10463	9429	10201	6.67	cps
Arsenic	75-2	56	52	54	54	3.45	cps
Barium	135-1	192	183	92	156	35.67	cps
Barium	137-1	242	225	225	231	4.17	cps
Beryllium	9-1	883	767	800	817	7.36	cps
Bismuth	209-1	7040560	7110165	7128240	7092989	0.65	cps
Bismuth	209-2	4259097	4120932	4244277	4208102	1.80	cps
Boron	10-1	2817	2559	2542	2639	5.84	cps
Boron	11-1	12998	11888	11588	12158	6.11	cps
Cadmium	111-1	2081	2174	2160	2139	2.35	cps
Cadmium	106-1	2900	3025	3034	2987	2.50	cps
Cadmium	108-1	17	8	38	21	72.12	cps
Calcium	43-1	400	292	317	336	16.88	cps
Calcium	44-1	9370	9253	9295	9306	0.63	cps
Chromium	52-2	450	553	513	506	10.31	cps
Cobalt	59-2	217	250	230	232	7.23	cps
Copper	63-2	2107	2107	1964	2059	4.02	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	50	58	33	47	26.97	cps
Erbium	164-2	17	10	0	9	94.38	cps
Gadolinium	160-1	25	17	58	33	66.14	cps
Gadolinium	160-2	60	80	87	76	18.37	cps
Holmium	165-1	10649267	10773968	10754074	10725770	0.62	cps
Holmium	165-2	5537149	5416517	5554671	5502779	1.37	cps
Indium	115-1	8013251	8142272	8190835	8115452	1.13	cps
Indium	115-2	1626125	1578660	1619873	1608219	1.60	cps
Iron	56-2	22223	21733	20570	21509	3.95	cps
Iron	57-2	667	756	594	672	12.00	cps
Lead	206-1	3367	3762	3651	3593	5.66	cps
Lead	207-1	2867	3023	3195	3028	5.42	cps
Lead	208-1	13397	14114	14348	13953	3.55	cps
Lithium	6-1	1600249	1610909	1616405	1609188	0.51	cps
Magnesium	24-2	2417	2084	2392	2297	8.08	cps
Manganese	55-2	530	593	610	578	7.30	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2067	1959	1875	1967	4.89	cps
Molybdenum	95-1	2359	2292	2025	2225	7.93	cps
Molybdenum	96-1	2434	2542	2200	2392	7.30	cps
Molybdenum	97-1	1550	1433	1350	1445	6.96	cps
Molybdenum	98-1	3709	3392	3050	3384	9.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4027	4284	4011	4107	3.73	cps
Phosphorus	31-2	167	108	175	150	24.22	cps
Potassium	39-2	31969	31418	32161	31849	1.21	cps
Rhodium	103-1	7186866	7290026	7271523	7249472	0.76	cps
Rhodium	103-2	3360265	3266808	3359661	3328911	1.62	cps
Scandium	45-1	4410320	4422032	4485694	4439349	0.91	cps
Scandium	45-2	203990	196975	202469	201145	1.83	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	83	85	87	85	2.18	cps
Selenium	82-1	364	459	412	412	11.59	cps
Silicon	28-1	322138	324357	322769	323088	0.35	cps
Silver	109-1	358	483	350	397	18.80	cps
Silver	107-1	483	525	483	497	4.84	cps
Sodium	23-2	28161	27710	25782	27217	4.64	cps
Strontium	86-1	933	933	908	925	1.56	cps
Strontium	88-1	1283	1083	1083	1150	10.04	cps
Sulfur	34-1	227976	226097	224925	226333	0.68	cps
Terbium	159-1	10994375	11071039	11233849	11099754	1.10	cps
Terbium	159-2	5432967	5284336	5436790	5384698	1.61	cps
Thallium	203-1	1375	1175	1117	1222	11.09	cps
Thallium	205-1	3151	3026	2809	2995	5.77	cps
Tin	118-1	3834	3692	3392	3640	6.20	cps
Titanium	47-1	158	225	150	178	23.12	cps
Uranium	238-1	617	667	400	561	25.26	cps
Vanadium	51-2	23	10	13	16	44.60	cps
Yttrium	89-1	8229115	8235462	8256353	8240310	0.17	cps
Yttrium	89-2	1221991	1193881	1224079	1213317	1.39	cps
Zinc	66-2	247	220	237	234	5.74	cps
Zirconium	90-1	2350	2117	2184	2217	5.42	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P7
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:53:30	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	475	408	464	10.98	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383	1283	1192	1286	7.45	cps
Antimony	121-1	17904	18454	18038	18132	1.58	cps
Arsenic	75-2	241	274	263	259	6.55	cps
Barium	135-1	19031	19081	18280	18797	2.39	cps
Barium	137-1	34018	32464	32990	33157	2.38	cps
Beryllium	9-1	1589	1406	1711	1569	9.81	cps
Bismuth	209-1	6969533	7086371	6949616	7001840	1.06	cps
Bismuth	209-2	4174051	4083499	4200516	4152688	1.48	cps
Boron	10-1	4251	4101	4092	4148	2.15	cps
Boron	11-1	19388	19213	19513	19372	0.78	cps
Cadmium	111-1	3959	3718	3902	3860	3.27	cps
Cadmium	106-1	3209	3042	3076	3109	2.84	cps
Cadmium	108-1	154	154	108	139	19.05	cps
Calcium	43-1	9604	9762	9070	9478	3.83	cps
Calcium	44-1	159584	161463	160640	160562	0.59	cps
Chromium	52-2	4474	4521	4341	4445	2.10	cps
Cobalt	59-2	3357	3417	3314	3363	1.54	cps
Copper	63-2	6442	6675	6562	6559	1.78	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	108	42	67	72	46.63	cps
Erbium	164-2	20	37	17	24	43.83	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	117	80	97	98	18.78	cps
Holmium	165-1	10591027	10616975	10671283	10626428	0.39	cps
Holmium	165-2	5489551	5374743	5497995	5454096	1.26	cps
Indium	115-1	7979025	8141475	8039018	8053173	1.02	cps
Indium	115-2	1598504	1561086	1609050	1589547	1.59	cps
Iron	56-2	98097	96991	96286	97125	0.94	cps
Iron	57-2	2728	2545	2573	2615	3.78	cps
Lead	206-1	22926	22191	20895	22004	4.67	cps
Lead	207-1	20906	19225	18753	19628	5.77	cps
Lead	208-1	92226	88300	83866	88131	4.75	cps
Lithium	6-1	1588374	1592691	1591187	1590751	0.14	cps
Magnesium	24-2	68340	69327	69403	69023	0.86	cps
Manganese	55-2	1713	1800	1743	1752	2.51	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15300	15584	15885	15590	1.87	cps
Molybdenum	95-1	17995	17361	17403	17586	2.02	cps
Molybdenum	96-1	20424	20423	20424	20424	0.00	cps
Molybdenum	97-1	11005	11180	10971	11052	1.01	cps
Molybdenum	98-1	28997	29240	28630	28955	1.06	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	4437	4417	4477	4444	0.69	cps
Phosphorus	31-2	183	217	175	192	11.50	cps
Potassium	39-2	102469	101646	104064	102727	1.20	cps
Rhodium	103-1	7125905	7186840	7118349	7143698	0.53	cps
Rhodium	103-2	3330085	3256812	3346814	3311237	1.45	cps
Scandium	45-1	4302246	4368854	4323824	4331642	0.78	cps
Scandium	45-2	198720	192789	201132	197547	2.17	cps
Selenium	77-2	23	30	13	22	37.76	cps
Selenium	78-2	167	144	180	164	10.88	cps
Selenium	82-1	795	829	847	824	3.23	cps
Silicon	28-1	347269	342136	344502	344635	0.75	cps
Silver	109-1	11413	11046	11313	11258	1.68	cps
Silver	107-1	11714	11539	12005	11753	2.01	cps
Sodium	23-2	151869	152459	152687	152338	0.28	cps
Strontium	86-1	3317	3251	3034	3200	4.63	cps
Strontium	88-1	21742	22418	20591	21584	4.28	cps
Sulfur	34-1	234593	233596	231267	233152	0.73	cps
Terbium	159-1	11016647	11032342	10957050	11002013	0.36	cps
Terbium	159-2	5399788	5270549	5431921	5367419	1.59	cps
Thallium	203-1	8253	9354	8645	8750	6.38	cps
Thallium	205-1	21493	21794	21585	21624	0.71	cps
Tin	118-1	31645	31344	31495	31495	0.48	cps
Titanium	47-1	4368	4084	4434	4295	4.33	cps
Uranium	238-1	24750	24833	23915	24499	2.07	cps
Vanadium	51-2	8029	7906	7902	7946	0.91	cps
Yttrium	89-1	8079196	8155264	7992682	8075714	1.01	cps
Yttrium	89-2	1212582	1188477	1223204	1208088	1.47	cps
Zinc	66-2	853	777	910	847	7.90	cps
Zirconium	90-1	14132	15225	15033	14797	3.94	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 15:56:58	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3251	3426	3301	3326	2.71	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	83	75	11.11	cps
Antimony	121-1	1025	1017	1033	1025	0.81	cps
Arsenic	75-2	9	11	17	12	31.24	cps
Barium	135-1	33	42	67	47	36.74	cps
Barium	137-1	150	92	67	103	41.61	cps
Beryllium	9-1	256	372	361	330	19.54	cps
Bismuth	209-1	7028812	6979635	6987537	6998661	0.38	cps
Bismuth	209-2	4125416	4136315	4118430	4126721	0.22	cps
Boron	10-1	783	808	850	814	4.14	cps
Boron	11-1	4134	4017	4092	4081	1.45	cps
Cadmium	111-1	1852	1828	1989	1890	4.61	cps
Cadmium	106-1	2617	2584	2809	2670	4.55	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	250	175	217	214	17.57	cps
Calcium	44-1	7844	7919	7861	7875	0.50	cps
Chromium	52-2	337	407	403	382	10.33	cps
Cobalt	59-2	220	197	203	207	5.81	cps
Copper	63-2	1323	1307	1327	1319	0.81	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	58	92	42	64	39.85	cps
Gadolinium	160-2	70	97	63	77	23.01	cps
Holmium	165-1	10516099	10426147	10561158	10501135	0.65	cps
Holmium	165-2	5389378	5373208	5369208	5377265	0.20	cps
Indium	115-1	7811042	7852132	7963181	7875452	1.00	cps
Indium	115-2	1554974	1558036	1564318	1559109	0.31	cps
Iron	56-2	14268	14213	15431	14637	4.70	cps
Iron	57-2	511	578	606	565	8.59	cps
Lead	206-1	2700	2478	2739	2639	5.34	cps
Lead	207-1	2256	2261	2267	2261	0.25	cps
Lead	208-1	10730	10407	10491	10543	1.59	cps
Lithium	6-1	1575639	1561644	1561549	1566277	0.52	cps
Magnesium	24-2	2084	2467	2359	2303	8.58	cps
Manganese	55-2	600	573	567	580	3.04	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	642	542	550	15.96	cps
Molybdenum	95-1	342	308	383	344	10.91	cps
Molybdenum	96-1	408	408	367	394	6.10	cps
Molybdenum	97-1	233	217	200	217	7.69	cps
Molybdenum	98-1	458	592	508	519	12.97	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3857	4074	4177	4036	4.05	cps
Phosphorus	31-2	200	208	150	186	16.95	cps
Potassium	39-2	31100	30107	29747	30318	2.31	cps
Rhodium	103-1	6996714	7038760	7020861	7018778	0.30	cps
Rhodium	103-2	3233107	3238991	3248072	3240057	0.23	cps
Scandium	45-1	4246269	4233763	4270243	4250092	0.44	cps
Scandium	45-2	195204	195157	194164	194842	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	61	63	65	9.10	cps
Selenium	82-1	270	213	245	242	11.82	cps
Silicon	28-1	302399	304469	304182	303683	0.37	cps
Silver	109-1	158	175	150	161	7.90	cps
Silver	107-1	225	275	258	253	10.07	cps
Sodium	23-2	19138	19872	20273	19761	2.91	cps
Strontium	86-1	825	983	892	900	8.83	cps
Strontium	88-1	875	1017	1025	972	8.67	cps
Sulfur	34-1	231952	231260	232959	232057	0.37	cps
Terbium	159-1	10775911	10846374	10811685	10811323	0.33	cps
Terbium	159-2	5250364	5256602	5269464	5258810	0.19	cps
Thallium	203-1	733	675	642	683	6.79	cps
Thallium	205-1	1192	1567	1525	1428	14.40	cps
Tin	118-1	1358	1100	1175	1211	10.97	cps
Titanium	47-1	92	183	117	131	36.30	cps
Uranium	238-1	150	208	150	169	19.88	cps
Vanadium	51-2	17	17	33	22	43.28	cps
Yttrium	89-1	7912966	7902003	7915270	7910079	0.09	cps
Yttrium	89-2	1173541	1185725	1183124	1180797	0.54	cps
Zinc	66-2	177	190	127	164	20.30	cps
Zirconium	90-1	1025	825	850	900	12.11	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BL	Instrumnet Name :	P7
Client Sample ID :	PB100910BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:05:09	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	167	178	15.07	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	117	142	103	46.11	cps
Antimony	121-1	642	725	667	678	6.31	cps
Arsenic	75-2	15	9	11	12	24.10	cps
Barium	135-1	75	92	67	78	16.37	cps
Barium	137-1	83	75	75	78	6.19	cps
Beryllium	9-1	339	300	283	307	9.27	cps
Bismuth	209-1	7075745	7058640	7083186	7072524	0.18	cps
Bismuth	209-2	4168026	4176094	4144958	4163026	0.39	cps
Boron	10-1	833	783	767	795	4.37	cps
Boron	11-1	3834	3701	3542	3692	3.96	cps
Cadmium	111-1	1970	1899	2015	1962	2.98	cps
Cadmium	106-1	2809	2692	2875	2792	3.32	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	192	200	100	164	33.86	cps
Calcium	44-1	7177	6360	6777	6771	6.03	cps
Chromium	52-2	337	410	360	369	10.16	cps
Cobalt	59-2	250	163	270	228	24.89	cps
Copper	63-2	1213	1347	1310	1290	5.34	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	8	33	67	36	81.06	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	67	93	67	76	20.38	cps
Holmium	165-1	10545174	10494217	10521248	10520213	0.24	cps
Holmium	165-2	5411577	5412093	5394841	5406170	0.18	cps
Indium	115-1	7942471	7888930	7821139	7884180	0.77	cps
Indium	115-2	1570079	1579433	1563495	1571002	0.51	cps
Iron	56-2	12539	13379	12845	12921	3.29	cps
Iron	57-2	394	506	417	439	13.40	cps
Lead	206-1	3402646	3379889	3389385	3390640	0.34	cps
Lead	207-1	3049415	3052419	3044718	3048850	0.13	cps
Lead	208-1	13937164	13871880	13985907	13931650	0.41	cps
Lithium	6-1	1566582	1560372	1572800	1566585	0.40	cps
Magnesium	24-2	2509	2900	2600	2670	7.67	cps
Manganese	55-2	520	557	547	541	3.50	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392	517	533	481	16.11	cps
Molybdenum	95-1	158	258	292	236	29.39	cps
Molybdenum	96-1	333	400	358	364	9.26	cps
Molybdenum	97-1	175	242	225	214	16.22	cps
Molybdenum	98-1	417	400	467	428	8.11	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3661	4377	4261	4100	9.38	cps
Phosphorus	31-2	242	242	167	217	19.98	cps
Potassium	39-2	30165	28929	30432	29842	2.69	cps
Rhodium	103-1	7045153	7003989	6977676	7008939	0.49	cps
Rhodium	103-2	3264943	3267490	3239251	3257228	0.48	cps
Scandium	45-1	4282206	4296749	4268170	4282375	0.33	cps
Scandium	45-2	195944	196711	195643	196099	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	63	81	73	12.80	cps
Selenium	82-1	347	267	384	333	17.93	cps
Silicon	28-1	312514	310373	307403	310097	0.83	cps
Silver	109-1	158	167	200	175	12.60	cps
Silver	107-1	175	225	192	197	12.91	cps
Sodium	23-2	18654	19280	18687	18874	1.87	cps
Strontium	86-1	692	783	958	811	16.70	cps
Strontium	88-1	767	833	783	795	4.37	cps
Sulfur	34-1	239579	235397	235095	236690	1.06	cps
Terbium	159-1	10888958	10904342	11005916	10933072	0.58	cps
Terbium	159-2	5292188	5304625	5298326	5298380	0.12	cps
Thallium	203-1	725	650	775	717	8.78	cps
Thallium	205-1	1450	1534	1817	1600	12.01	cps
Tin	118-1	2509	3169	2809	2829	11.69	cps
Titanium	47-1	133	167	133	144	13.33	cps
Uranium	238-1	200	175	142	172	16.99	cps
Vanadium	51-2	7	30	20	19	61.96	cps
Yttrium	89-1	7989511	8013543	7957280	7986778	0.35	cps
Yttrium	89-2	1184407	1191234	1183226	1186289	0.36	cps
Zinc	66-2	183	167	213	188	12.59	cps
Zirconium	90-1	867	950	775	864	10.13	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	PB100910BS	Instrumnet Name :	P7
Client Sample ID :	PB100910BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:08:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	183	233	222	15.61	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-01 Instrumnet Name : P7
 Client Sample ID : DC2839-01-FL1-CL4-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:12:06 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	758	1017	792	26.58	cps
Antimony	121-1	1367	1242	1133	1247	9.36	cps
Arsenic	75-2	115	91	80	95	18.92	cps
Barium	135-1	41956	42833	41011	41933	2.17	cps
Barium	137-1	74776	73126	72473	73458	1.62	cps
Beryllium	9-1	383	261	350	331	19.06	cps
Bismuth	209-1	7599363	7539016	7500243	7546207	0.66	cps
Bismuth	209-2	4421752	4430385	4388995	4413711	0.49	cps
Boron	10-1	1058	1067	1250	1125	9.63	cps
Boron	11-1	4993	5335	4534	4954	8.11	cps
Cadmium	111-1	2388	2097	2280	2255	6.53	cps
Cadmium	106-1	3317	2975	3150	3148	5.43	cps
Cadmium	108-1	13	33	25	24	44.41	cps
Calcium	43-1	117810	115726	115960	116498	0.98	cps
Calcium	44-1	1918588	1913177	1895832	1909199	0.62	cps
Chromium	52-2	697	603	707	669	8.52	cps
Cobalt	59-2	340	337	370	349	5.26	cps
Copper	63-2	282049	281408	278499	280652	0.67	cps
Dysprosium	156-1	58	83	58	67	21.65	cps
Dysprosium	156-2	23	33	33	30	19.25	cps
Erbium	164-1	108	92	92	97	9.90	cps
Erbium	164-2	43	40	43	42	4.55	cps
Gadolinium	160-1	83	125	75	94	28.37	cps
Gadolinium	160-2	127	73	107	102	26.36	cps
Holmium	165-1	11589417	11441115	11464660	11498397	0.69	cps
Holmium	165-2	5781088	5769649	5721281	5757339	0.55	cps
Indium	115-1	8607902	8616365	8557106	8593791	0.37	cps
Indium	115-2	1672196	1659292	1648606	1660031	0.71	cps
Iron	56-2	41082	38468	41273	40274	3.89	cps
Iron	57-2	1345	1356	1300	1333	2.21	cps
Lead	206-1	7252	7341	7530	7374	1.92	cps
Lead	207-1	6057	6385	6246	6229	2.64	cps
Lead	208-1	28785	28896	28691	28791	0.36	cps
Lithium	6-1	1721372	1699733	1695524	1705543	0.81	cps
Magnesium	24-2	176292	178377	177691	177453	0.60	cps
Manganese	55-2	13470	13276	13383	13376	0.72	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-01	Instrumnet Name :	P7
Client Sample ID :	DC2839-01-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:12:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2392	2275	2225	2298	3.72	cps
Molybdenum	95-1	500	317	317	378	28.02	cps
Molybdenum	96-1	783	817	650	750	11.76	cps
Molybdenum	97-1	258	208	233	233	10.71	cps
Molybdenum	98-1	633	567	592	597	5.64	cps
Neodymium	150-1	13	20	60	31	81.13	cps
Neodymium	150-2	13	27	37	26	45.82	cps
Nickel	60-2	7235	7365	7099	7233	1.84	cps
Phosphorus	31-2	2450	2317	2459	2409	3.30	cps
Potassium	39-2	113324	111602	112692	112539	0.77	cps
Rhodium	103-1	7592703	7554436	7481345	7542828	0.75	cps
Rhodium	103-2	3449831	3432617	3431572	3438007	0.30	cps
Scandium	45-1	4654503	4636765	4579810	4623693	0.84	cps
Scandium	45-2	207772	205784	205818	206458	0.55	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	67	65	65	65	1.63	cps
Selenium	82-1	223	309	371	301	24.69	cps
Silicon	28-1	3978260	4003689	3990606	3990852	0.32	cps
Silver	109-1	175	175	283	211	29.63	cps
Silver	107-1	200	233	242	225	9.80	cps
Sodium	23-2	2884272	2888167	2875523	2882654	0.22	cps
Strontium	86-1	51050	51200	50933	51061	0.26	cps
Strontium	88-1	443215	439876	439165	440752	0.49	cps
Sulfur	34-1	273812	271429	266196	270479	1.44	cps
Terbium	159-1	11863689	11778652	11662525	11768289	0.86	cps
Terbium	159-2	5687847	5644439	5637556	5656614	0.48	cps
Thallium	203-1	583	608	625	606	3.46	cps
Thallium	205-1	1283	1283	1192	1253	4.23	cps
Tin	118-1	1158	1333	1217	1236	7.21	cps
Titanium	47-1	717	467	392	525	32.42	cps
Uranium	238-1	583	458	550	531	12.20	cps
Vanadium	51-2	113	153	120	129	16.63	cps
Yttrium	89-1	8660034	8603497	8534167	8599233	0.73	cps
Yttrium	89-2	1265897	1258430	1254793	1259707	0.45	cps
Zinc	66-2	58376	57831	58380	58195	0.54	cps
Zirconium	90-1	6093	5643	4959	5565	10.26	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-01	Instrumnet Name :	P7
Client Sample ID :	DC2839-01-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:12:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1242	1175	1181	4.96	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-02 Instrumnet Name : P7
 Client Sample ID : DC2839-02-FL1-CL4-W2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:15:34 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	992	1050	900	23.48	cps
Antimony	121-1	1225	1233	1217	1225	0.68	cps
Arsenic	75-2	72	74	69	72	3.95	cps
Barium	135-1	41053	39073	40719	40282	2.63	cps
Barium	137-1	71526	70429	70622	70859	0.83	cps
Beryllium	9-1	306	222	339	289	20.80	cps
Bismuth	209-1	7148507	7129836	6902664	7060335	1.94	cps
Bismuth	209-2	4189701	4138313	4314391	4214135	2.15	cps
Boron	10-1	1383	1442	1400	1408	2.13	cps
Boron	11-1	7402	7502	7410	7438	0.75	cps
Cadmium	111-1	1934	1924	1668	1842	8.19	cps
Cadmium	106-1	2725	2692	2392	2603	7.05	cps
Cadmium	108-1	17	8	33	19	65.47	cps
Calcium	43-1	108665	105743	105550	106653	1.64	cps
Calcium	44-1	1763820	1745047	1743317	1750728	0.65	cps
Chromium	52-2	760	917	877	851	9.56	cps
Cobalt	59-2	433	367	470	423	12.37	cps
Copper	63-2	374591	374336	387752	378893	2.03	cps
Dysprosium	156-1	58	83	50	64	27.15	cps
Dysprosium	156-2	20	37	13	23	51.52	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	20	27	30	26	19.92	cps
Gadolinium	160-1	100	83	58	81	26.03	cps
Gadolinium	160-2	53	130	77	87	45.35	cps
Holmium	165-1	10726697	10613434	10457066	10599065	1.28	cps
Holmium	165-2	5468065	5420417	5587165	5491882	1.56	cps
Indium	115-1	7951813	7949285	7782449	7894516	1.23	cps
Indium	115-2	1574875	1564171	1602212	1580419	1.24	cps
Iron	56-2	47722	50325	51108	49718	3.56	cps
Iron	57-2	1695	1383	1583	1554	10.15	cps
Lead	206-1	5134	5268	4745	5049	5.38	cps
Lead	207-1	4340	4418	4468	4408	1.46	cps
Lead	208-1	20207	20557	20223	20329	0.97	cps
Lithium	6-1	1598365	1598518	1560149	1585678	1.39	cps
Magnesium	24-2	214235	213308	222520	216687	2.34	cps
Manganese	55-2	14638	14688	15001	14775	1.33	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-02	Instrumnet Name :	P7
Client Sample ID :	DC2839-02-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:15:34	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1233	1017	1108	1120	9.72	cps
Molybdenum	95-1	358	367	258	328	18.39	cps
Molybdenum	96-1	567	425	592	528	17.03	cps
Molybdenum	97-1	250	242	217	236	7.35	cps
Molybdenum	98-1	517	483	542	514	5.70	cps
Neodymium	150-1	47	40	80	56	38.57	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	4567	4324	4234	4375	3.94	cps
Phosphorus	31-2	2034	2300	2375	2236	8.03	cps
Potassium	39-2	108134	107823	112641	109533	2.46	cps
Rhodium	103-1	7059005	7030617	6795505	6961709	2.08	cps
Rhodium	103-2	3268793	3247124	3328967	3281628	1.29	cps
Scandium	45-1	4353441	4297035	4202366	4284280	1.78	cps
Scandium	45-2	197785	196134	201637	198518	1.42	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	69	87	50	69	27.03	cps
Selenium	82-1	354	424	322	367	14.12	cps
Silicon	28-1	3930871	3938628	3930203	3933234	0.12	cps
Silver	109-1	400	350	317	356	11.80	cps
Silver	107-1	283	267	333	294	11.78	cps
Sodium	23-2	2728491	2697336	2824621	2750149	2.41	cps
Strontium	86-1	46576	46760	46376	46571	0.41	cps
Strontium	88-1	410080	403811	397646	403845	1.54	cps
Sulfur	34-1	258996	259921	260720	259879	0.33	cps
Terbium	159-1	11135266	11069810	10644977	10950018	2.43	cps
Terbium	159-2	5341749	5307666	5437901	5362439	1.26	cps
Thallium	203-1	525	425	600	517	16.99	cps
Thallium	205-1	1200	1258	1275	1245	3.17	cps
Tin	118-1	967	842	833	881	8.48	cps
Titanium	47-1	550	450	442	481	12.54	cps
Uranium	238-1	567	525	567	553	4.35	cps
Vanadium	51-2	137	80	107	108	26.30	cps
Yttrium	89-1	8115859	8057092	7793996	7988982	2.15	cps
Yttrium	89-2	1190786	1188974	1216437	1198732	1.28	cps
Zinc	66-2	5301	5461	5544	5436	2.28	cps
Zirconium	90-1	3192	2950	2725	2956	7.90	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-02	Instrumnet Name :	P7
Client Sample ID :	DC2839-02-FL1-CL4-W2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:15:34	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	558	642	661	17.21	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-03	Instrumnet Name :	P7
Client Sample ID :	DC2839-03-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:19:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	950	858	903	5.08	cps
Antimony	121-1	833	1017	1133	995	15.21	cps
Arsenic	75-2	72	93	113	93	22.00	cps
Barium	135-1	38989	40451	39056	39499	2.09	cps
Barium	137-1	69709	70446	67800	69318	1.97	cps
Beryllium	9-1	278	278	311	289	6.66	cps
Bismuth	209-1	7367512	7458546	7311602	7379220	1.01	cps
Bismuth	209-2	4250334	4378157	4302573	4310355	1.49	cps
Boron	10-1	1033	1075	1000	1036	3.63	cps
Boron	11-1	5059	5176	5326	5187	2.58	cps
Cadmium	111-1	1831	2315	1886	2011	13.18	cps
Cadmium	106-1	2559	3267	2617	2814	13.98	cps
Cadmium	108-1	38	25	13	25	50.00	cps
Calcium	43-1	113887	112744	109839	112157	1.86	cps
Calcium	44-1	1863887	1856508	1845572	1855322	0.50	cps
Chromium	52-2	767	797	830	798	3.97	cps
Cobalt	59-2	510	440	480	477	7.37	cps
Copper	63-2	304964	306672	305948	305861	0.28	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	27	10	27	21	45.58	cps
Erbium	164-1	50	108	58	72	43.68	cps
Erbium	164-2	40	27	13	27	50.01	cps
Gadolinium	160-1	50	133	83	89	47.19	cps
Gadolinium	160-2	120	110	63	98	30.94	cps
Holmium	165-1	11178922	11275174	11121721	11191939	0.69	cps
Holmium	165-2	5607113	5670744	5600737	5626198	0.69	cps
Indium	115-1	8310529	8349701	8250731	8303654	0.60	cps
Indium	115-2	1621942	1632252	1621147	1625113	0.38	cps
Iron	56-2	40744	40373	39777	40298	1.21	cps
Iron	57-2	1395	1167	1378	1313	9.67	cps
Lead	206-1	6496	6707	6591	6598	1.60	cps
Lead	207-1	5446	6035	5729	5737	5.14	cps
Lead	208-1	26050	25983	25783	25938	0.54	cps
Lithium	6-1	1663642	1657516	1640543	1653900	0.72	cps
Magnesium	24-2	194083	193803	191366	193084	0.77	cps
Manganese	55-2	13029	13036	12926	12997	0.48	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-03 Instrumnet Name : P7
 Client Sample ID : DC2839-03-FL1-CL5-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:19:02 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1150	1083	933	1056	10.51	cps
Molybdenum	95-1	433	317	325	358	18.16	cps
Molybdenum	96-1	450	425	558	478	14.83	cps
Molybdenum	97-1	258	350	208	272	26.40	cps
Molybdenum	98-1	467	558	642	556	15.76	cps
Neodymium	150-1	20	60	7	29	96.07	cps
Neodymium	150-2	3	23	7	11	96.43	cps
Nickel	60-2	5895	6618	6305	6273	5.79	cps
Phosphorus	31-2	2359	2517	2100	2325	9.05	cps
Potassium	39-2	110980	111525	111088	111198	0.26	cps
Rhodium	103-1	7365647	7304673	7295646	7321989	0.52	cps
Rhodium	103-2	3342801	3379313	3350833	3357649	0.57	cps
Scandium	45-1	4508359	4492930	4425853	4475714	0.98	cps
Scandium	45-2	195814	203375	200314	199835	1.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	65	91	74	19.52	cps
Selenium	82-1	420	411	381	404	5.04	cps
Silicon	28-1	3889277	3889497	4515803	4098193	8.82	cps
Silver	109-1	233	108	150	164	38.84	cps
Silver	107-1	200	200	242	214	11.25	cps
Sodium	23-2	2823524	2827734	2814925	2822061	0.23	cps
Strontium	86-1	48901	49101	48332	48778	0.82	cps
Strontium	88-1	419230	421183	412122	417512	1.14	cps
Sulfur	34-1	265298	262474	261498	263090	0.75	cps
Terbium	159-1	11522631	11607735	11350341	11493569	1.14	cps
Terbium	159-2	5478143	5547323	5492187	5505884	0.66	cps
Thallium	203-1	575	567	508	550	6.60	cps
Thallium	205-1	1225	1317	1033	1192	12.13	cps
Tin	118-1	858	600	842	767	18.86	cps
Titanium	47-1	517	475	425	472	9.72	cps
Uranium	238-1	508	500	508	506	0.95	cps
Vanadium	51-2	117	53	123	98	39.52	cps
Yttrium	89-1	8376643	8365331	8211456	8317810	1.11	cps
Yttrium	89-2	1225066	1233573	1230146	1229595	0.35	cps
Zinc	66-2	55535	55719	56168	55807	0.58	cps
Zirconium	90-1	2500	2417	2225	2381	5.92	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-03	Instrumnet Name :	P7
Client Sample ID :	DC2839-03-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:19:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	650	450	569	18.53	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-04 Instrumnet Name : P7
 Client Sample ID : DC2839-04-FL1-CL5-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:22:31 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	792	925	914	12.81	cps
Antimony	121-1	1250	1092	1075	1139	8.48	cps
Arsenic	75-2	100	106	87	98	9.74	cps
Barium	135-1	43436	43353	41731	42840	2.24	cps
Barium	137-1	75078	73571	75313	74654	1.27	cps
Beryllium	9-1	289	228	261	259	11.80	cps
Bismuth	209-1	7334035	7395443	7390762	7373413	0.46	cps
Bismuth	209-2	4330549	4359035	4328153	4339246	0.40	cps
Boron	10-1	1642	1550	1692	1628	4.41	cps
Boron	11-1	7252	7836	7502	7530	3.89	cps
Cadmium	111-1	1882	1923	1852	1886	1.90	cps
Cadmium	106-1	2625	2717	2625	2656	1.99	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	112064	110990	111225	111427	0.51	cps
Calcium	44-1	1848017	1832367	1819857	1833414	0.77	cps
Chromium	52-2	887	867	833	862	3.13	cps
Cobalt	59-2	397	543	480	473	15.54	cps
Copper	63-2	365862	365971	365392	365742	0.08	cps
Dysprosium	156-1	25	92	42	53	65.74	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	25	42	100	56	70.89	cps
Erbium	164-2	30	23	30	28	13.86	cps
Gadolinium	160-1	83	58	100	81	26.03	cps
Gadolinium	160-2	63	73	87	74	15.73	cps
Holmium	165-1	11133818	11204278	11099035	11145711	0.48	cps
Holmium	165-2	5619599	5655722	5648319	5641213	0.34	cps
Indium	115-1	8201064	8263609	8305105	8256593	0.63	cps
Indium	115-2	1633130	1628307	1627190	1629542	0.19	cps
Iron	56-2	45711	47092	44948	45917	2.37	cps
Iron	57-2	1333	1456	1500	1430	6.04	cps
Lead	206-1	4996	5018	5590	5201	6.48	cps
Lead	207-1	4212	4345	4368	4308	1.95	cps
Lead	208-1	19473	20207	20557	20079	2.76	cps
Lithium	6-1	1656620	1664868	1661041	1660843	0.25	cps
Magnesium	24-2	230056	227029	229650	228912	0.72	cps
Manganese	55-2	13950	14297	14200	14149	1.27	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-04	Instrumnet Name :	P7
Client Sample ID :	DC2839-04-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:22:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	733	908	853	12.14	cps
Molybdenum	95-1	258	275	283	272	4.68	cps
Molybdenum	96-1	467	442	567	492	13.45	cps
Molybdenum	97-1	292	267	242	267	9.37	cps
Molybdenum	98-1	408	583	500	497	17.60	cps
Neodymium	150-1	40	20	47	36	39.03	cps
Neodymium	150-2	7	10	27	14	74.18	cps
Nickel	60-2	4131	4214	4351	4232	2.63	cps
Phosphorus	31-2	2209	2250	2125	2195	2.90	cps
Potassium	39-2	110402	110232	111006	110547	0.37	cps
Rhodium	103-1	7385619	7294949	7338116	7339561	0.62	cps
Rhodium	103-2	3375655	3383652	3356724	3372010	0.41	cps
Scandium	45-1	4432619	4447951	4449325	4443298	0.21	cps
Scandium	45-2	202872	202362	201640	202292	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	72	63	65	10.30	cps
Selenium	82-1	382	334	364	360	6.75	cps
Silicon	28-1	4167863	4160703	4103560	4144042	0.85	cps
Silver	109-1	350	283	383	339	15.03	cps
Silver	107-1	333	267	408	336	21.09	cps
Sodium	23-2	2805742	2818005	2808813	2810853	0.23	cps
Strontium	86-1	49345	48082	47672	48366	1.80	cps
Strontium	88-1	420892	425252	419482	421875	0.71	cps
Sulfur	34-1	265951	265575	261422	264316	0.95	cps
Terbium	159-1	11526917	11569348	11624559	11573608	0.42	cps
Terbium	159-2	5540983	5556147	5505544	5534225	0.47	cps
Thallium	203-1	567	608	517	564	8.14	cps
Thallium	205-1	1267	1267	983	1172	13.96	cps
Tin	118-1	700	883	800	795	11.56	cps
Titanium	47-1	392	525	517	478	15.63	cps
Uranium	238-1	467	550	442	486	11.67	cps
Vanadium	51-2	87	110	117	104	15.08	cps
Yttrium	89-1	8373461	8374136	8292191	8346596	0.56	cps
Yttrium	89-2	1244403	1236920	1231599	1237641	0.52	cps
Zinc	66-2	5531	5454	5394	5460	1.26	cps
Zirconium	90-1	2217	1934	1817	1989	10.34	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-04	Instrumnet Name :	P7
Client Sample ID :	DC2839-04-FL1-CL5-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:22:31	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	492	375	458	15.85	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-05 Instrumnet Name : P7
 Client Sample ID : DC2839-05-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:26:00 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	1025	892	906	12.50	cps
Antimony	121-1	733	875	825	811	8.86	cps
Arsenic	75-2	80	87	70	79	10.57	cps
Barium	135-1	42967	43201	42658	42942	0.63	cps
Barium	137-1	76234	75631	73570	75145	1.86	cps
Beryllium	9-1	228	211	300	246	19.18	cps
Bismuth	209-1	7433370	7283175	7464613	7393720	1.31	cps
Bismuth	209-2	4390937	4363217	4364463	4372872	0.36	cps
Boron	10-1	950	1217	1167	1111	12.76	cps
Boron	11-1	5209	5276	4868	5118	4.28	cps
Cadmium	111-1	2285	2179	2007	2157	6.49	cps
Cadmium	106-1	3167	3050	2817	3012	5.92	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	116322	115062	115154	115512	0.61	cps
Calcium	44-1	1901037	1871976	1875844	1882952	0.84	cps
Chromium	52-2	620	630	600	617	2.48	cps
Cobalt	59-2	287	257	337	293	13.78	cps
Copper	63-2	299361	298739	299506	299202	0.14	cps
Dysprosium	156-1	67	17	33	39	65.47	cps
Dysprosium	156-2	47	30	20	32	41.81	cps
Erbium	164-1	133	75	50	86	49.66	cps
Erbium	164-2	43	27	40	37	24.04	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	107	133	123	121	11.12	cps
Holmium	165-1	11402232	11088580	11329594	11273469	1.46	cps
Holmium	165-2	5693918	5699177	5706995	5700030	0.12	cps
Indium	115-1	8426900	8284662	8412883	8374815	0.94	cps
Indium	115-2	1662712	1654777	1635694	1651061	0.84	cps
Iron	56-2	38305	39522	39767	39198	2.00	cps
Iron	57-2	1256	1261	1411	1309	6.74	cps
Lead	206-1	4662	4779	4895	4779	2.44	cps
Lead	207-1	4217	4056	4179	4151	2.03	cps
Lead	208-1	19106	18923	19034	19021	0.49	cps
Lithium	6-1	1683838	1658093	1664034	1668655	0.81	cps
Magnesium	24-2	191011	189879	188858	189916	0.57	cps
Manganese	55-2	14477	14691	14704	14624	0.87	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-05	Instrumnet Name :	P7
Client Sample ID :	DC2839-05-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:26:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	850	808	781	11.11	cps
Molybdenum	95-1	367	283	283	311	15.47	cps
Molybdenum	96-1	500	425	358	428	16.57	cps
Molybdenum	97-1	225	225	167	206	16.38	cps
Molybdenum	98-1	417	442	325	394	15.57	cps
Neodymium	150-1	40	27	7	24	68.62	cps
Neodymium	150-2	13	27	7	16	65.47	cps
Nickel	60-2	5271	5104	5491	5289	3.67	cps
Phosphorus	31-2	2550	2325	2259	2378	6.43	cps
Potassium	39-2	112777	112280	111566	112208	0.54	cps
Rhodium	103-1	7498650	7312270	7451808	7420909	1.31	cps
Rhodium	103-2	3416823	3409512	3406436	3410923	0.16	cps
Scandium	45-1	4509787	4397253	4537023	4481355	1.65	cps
Scandium	45-2	204937	206765	204555	205419	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	83	65	73	12.68	cps
Selenium	82-1	276	410	403	363	20.69	cps
Silicon	28-1	4173300	4034993	4067737	4092010	1.77	cps
Silver	109-1	192	133	150	158	18.98	cps
Silver	107-1	225	192	175	197	12.91	cps
Sodium	23-2	2860326	2865363	2852088	2859259	0.23	cps
Strontium	86-1	50180	50799	50089	50356	0.77	cps
Strontium	88-1	443284	437833	428276	436464	1.74	cps
Sulfur	34-1	266799	262550	267087	265479	0.96	cps
Terbium	159-1	11739400	11435655	11520504	11565187	1.36	cps
Terbium	159-2	5607926	5633404	5611186	5617505	0.25	cps
Thallium	203-1	608	558	517	561	8.18	cps
Thallium	205-1	1142	1242	1217	1200	4.34	cps
Tin	118-1	550	708	617	625	12.72	cps
Titanium	47-1	542	467	558	522	9.35	cps
Uranium	238-1	500	483	500	494	1.95	cps
Vanadium	51-2	100	117	150	122	20.83	cps
Yttrium	89-1	8503484	8421819	8409211	8444838	0.61	cps
Yttrium	89-2	1247051	1248294	1248283	1247876	0.06	cps
Zinc	66-2	9483	9226	9523	9411	1.71	cps
Zirconium	90-1	1942	1734	2100	1925	9.56	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-05	Instrumnet Name :	P7
Client Sample ID :	DC2839-05-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:26:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	533	525	464	24.39	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-06	Instrumnet Name :	P7
Client Sample ID :	DC2839-06-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:29:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	800	917	808	12.92	cps
Antimony	121-1	558	642	650	617	8.22	cps
Arsenic	75-2	104	76	78	86	18.10	cps
Barium	135-1	41195	42500	42316	42003	1.68	cps
Barium	137-1	74332	72859	73228	73473	1.04	cps
Beryllium	9-1	222	222	294	246	16.93	cps
Bismuth	209-1	7361167	7364971	7329648	7351929	0.26	cps
Bismuth	209-2	4294557	4321624	4259883	4292021	0.72	cps
Boron	10-1	858	783	942	861	9.20	cps
Boron	11-1	4751	4651	4051	4484	8.45	cps
Cadmium	111-1	1970	1945	2132	2016	5.02	cps
Cadmium	106-1	2759	2734	2950	2814	4.21	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	112551	113719	111762	112677	0.87	cps
Calcium	44-1	1865140	1855699	1839015	1853285	0.71	cps
Chromium	52-2	707	647	677	677	4.43	cps
Cobalt	59-2	207	270	250	242	13.37	cps
Copper	63-2	277745	277480	280099	278441	0.52	cps
Dysprosium	156-1	67	75	92	78	16.37	cps
Dysprosium	156-2	13	10	27	17	52.93	cps
Erbium	164-1	92	100	75	89	14.32	cps
Erbium	164-2	63	50	27	47	39.76	cps
Gadolinium	160-1	67	125	142	111	35.44	cps
Gadolinium	160-2	103	120	110	111	7.55	cps
Holmium	165-1	11213695	11142799	11137895	11164796	0.38	cps
Holmium	165-2	5631124	5682539	5568087	5627250	1.02	cps
Indium	115-1	8375874	8284098	8258442	8306138	0.74	cps
Indium	115-2	1636234	1630159	1609144	1625179	0.87	cps
Iron	56-2	42533	41689	42866	42363	1.43	cps
Iron	57-2	1345	1328	1350	1341	0.86	cps
Lead	206-1	2962	3251	3073	3095	4.71	cps
Lead	207-1	2634	2706	2639	2660	1.51	cps
Lead	208-1	11780	12197	11847	11941	1.87	cps
Lithium	6-1	1664750	1651587	1649359	1655232	0.50	cps
Magnesium	24-2	172373	170433	170772	171193	0.61	cps
Manganese	55-2	14451	13496	14010	13986	3.41	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-06 Instrumnet Name : P7
 Client Sample ID : DC2839-06-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:29:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	683	767	714	6.43	cps
Molybdenum	95-1	300	267	333	300	11.11	cps
Molybdenum	96-1	442	417	325	394	15.57	cps
Molybdenum	97-1	283	175	250	236	23.50	cps
Molybdenum	98-1	400	392	458	417	8.72	cps
Neodymium	150-1	27	47	60	44	37.74	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	3597	3851	3687	3712	3.46	cps
Phosphorus	31-2	2484	2675	2459	2539	4.67	cps
Potassium	39-2	109024	111265	110980	110423	1.10	cps
Rhodium	103-1	7476057	7342151	7282378	7366862	1.35	cps
Rhodium	103-2	3370497	3364797	3337581	3357625	0.52	cps
Scandium	45-1	4504373	4481253	4448803	4478143	0.62	cps
Scandium	45-2	203436	202885	200210	202177	0.85	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	56	56	56	56	0.00	cps
Selenium	82-1	373	379	436	396	8.76	cps
Silicon	28-1	3999455	4024035	3930358	3984616	1.22	cps
Silver	109-1	83	133	100	106	24.12	cps
Silver	107-1	167	192	233	197	17.08	cps
Sodium	23-2	2841847	2833780	2829139	2834922	0.23	cps
Strontium	86-1	50782	49277	50557	50205	1.62	cps
Strontium	88-1	435206	431698	429992	432299	0.61	cps
Sulfur	34-1	267139	268529	266128	267265	0.45	cps
Terbium	159-1	11637517	11535290	11500347	11557718	0.62	cps
Terbium	159-2	5519628	5531725	5472087	5507813	0.57	cps
Thallium	203-1	458	442	542	481	11.15	cps
Thallium	205-1	1150	1208	1133	1164	3.38	cps
Tin	118-1	683	650	658	664	2.61	cps
Titanium	47-1	567	575	1486	876	60.31	cps
Uranium	238-1	633	508	442	528	18.44	cps
Vanadium	51-2	103	130	120	118	11.43	cps
Yttrium	89-1	8402265	8425822	8456312	8428133	0.32	cps
Yttrium	89-2	1234686	1236236	1224718	1231880	0.51	cps
Zinc	66-2	5491	5888	5484	5621	4.11	cps
Zirconium	90-1	1508	1650	1300	1486	11.85	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-06	Instrumnet Name :	P7
Client Sample ID :	DC2839-06-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:29:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	292	425	381	20.23	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-07	Instrumnet Name :	P7
Client Sample ID :	DC2839-07-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:32:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	950	942	947	0.51	cps
Antimony	121-1	692	717	642	683	5.59	cps
Arsenic	75-2	85	80	80	81	3.94	cps
Barium	135-1	40176	39507	38312	39332	2.40	cps
Barium	137-1	69273	67841	67473	68196	1.39	cps
Beryllium	9-1	189	217	244	217	12.82	cps
Bismuth	209-1	6927672	6872492	6785385	6861850	1.05	cps
Bismuth	209-2	3968927	3996998	4005612	3990513	0.48	cps
Boron	10-1	817	958	900	892	7.99	cps
Boron	11-1	4626	4201	3867	4231	8.99	cps
Cadmium	111-1	1810	1690	1597	1699	6.30	cps
Cadmium	106-1	2550	2375	2209	2378	7.19	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Calcium	43-1	108077	107682	106591	107450	0.72	cps
Calcium	44-1	1789111	1756737	1739224	1761691	1.44	cps
Chromium	52-2	713	727	743	728	2.07	cps
Cobalt	59-2	280	250	263	264	5.68	cps
Copper	63-2	271139	272081	268648	270623	0.66	cps
Dysprosium	156-1	67	100	67	78	24.74	cps
Dysprosium	156-2	20	30	10	20	50.00	cps
Erbium	164-1	92	83	108	94	13.48	cps
Erbium	164-2	37	57	40	44	24.11	cps
Gadolinium	160-1	100	100	75	92	15.75	cps
Gadolinium	160-2	100	60	120	93	32.73	cps
Holmium	165-1	10543286	10379468	10319754	10414170	1.11	cps
Holmium	165-2	5177037	5200620	5227099	5201586	0.48	cps
Indium	115-1	7844138	7715999	7668830	7742989	1.17	cps
Indium	115-2	1500406	1502633	1503955	1502331	0.12	cps
Iron	56-2	39677	40356	40747	40260	1.35	cps
Iron	57-2	1445	1300	1245	1330	7.76	cps
Lead	206-1	4401	4306	4434	4380	1.51	cps
Lead	207-1	3534	3539	3562	3545	0.41	cps
Lead	208-1	16460	16427	16621	16503	0.63	cps
Lithium	6-1	1566048	1543796	1530630	1546825	1.16	cps
Magnesium	24-2	168327	166160	166767	167085	0.67	cps
Manganese	55-2	14204	14070	14361	14212	1.02	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-07	Instrumnet Name :	P7
Client Sample ID :	DC2839-07-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:32:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	650	592	631	5.34	cps
Molybdenum	95-1	283	183	192	219	25.29	cps
Molybdenum	96-1	408	417	550	458	17.35	cps
Molybdenum	97-1	150	242	142	178	31.21	cps
Molybdenum	98-1	408	442	475	442	7.55	cps
Neodymium	150-1	73	33	27	44	56.79	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	4831	4507	4251	4530	6.42	cps
Phosphorus	31-2	2100	2267	2250	2206	4.16	cps
Potassium	39-2	103425	103300	102687	103137	0.38	cps
Rhodium	103-1	6888607	6856583	6766044	6837078	0.93	cps
Rhodium	103-2	3075169	3114115	3109097	3099461	0.68	cps
Scandium	45-1	4191679	4153286	4136762	4160576	0.68	cps
Scandium	45-2	186807	188111	187645	187521	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	67	74	72	5.97	cps
Selenium	82-1	384	287	318	329	15.07	cps
Silicon	28-1	4365189	4314829	4243226	4307748	1.42	cps
Silver	109-1	4028	150	183	1454	153.35	cps
Silver	107-1	183	208	192	194	6.55	cps
Sodium	23-2	2602962	2596210	2587185	2595452	0.30	cps
Strontium	86-1	45766	45966	46343	46025	0.64	cps
Strontium	88-1	405632	398358	395561	399850	1.30	cps
Sulfur	34-1	261585	261808	259880	261091	0.40	cps
Terbium	159-1	10735519	10767870	10618650	10707346	0.73	cps
Terbium	159-2	5055598	5125582	5096477	5092552	0.69	cps
Thallium	203-1	525	483	433	481	9.55	cps
Thallium	205-1	1083	1217	1208	1170	6.39	cps
Tin	118-1	542	683	650	625	11.85	cps
Titanium	47-1	575	508	483	522	9.07	cps
Uranium	238-1	467	417	333	406	16.61	cps
Vanadium	51-2	113	107	147	122	17.53	cps
Yttrium	89-1	7885371	7779766	7743917	7803018	0.94	cps
Yttrium	89-2	1131756	1138922	1137917	1136198	0.34	cps
Zinc	66-2	12312	12592	12472	12459	1.13	cps
Zirconium	90-1	1625	1375	1342	1447	10.70	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-07	Instrumnet Name :	P7
Client Sample ID :	DC2839-07-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:32:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	375	367	358	6.15	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	75	53	48.24	cps
Antimony	121-1	142	267	258	222	31.45	cps
Arsenic	75-2	6	13	20	13	57.12	cps
Barium	135-1	33	33	33	33	0.02	cps
Barium	137-1	50	142	108	100	46.40	cps
Beryllium	9-1	172	217	133	174	23.95	cps
Bismuth	209-1	6886859	6669323	6875042	6810408	1.80	cps
Bismuth	209-2	3641921	3666322	3676965	3661736	0.49	cps
Boron	10-1	442	425	483	450	6.68	cps
Boron	11-1	2075	1875	1842	1931	6.54	cps
Cadmium	111-1	1842	1711	1796	1783	3.73	cps
Cadmium	106-1	2625	2450	2559	2545	3.47	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	208	142	183	178	18.94	cps
Calcium	44-1	6343	6769	6835	6649	4.01	cps
Chromium	52-2	380	333	390	368	8.22	cps
Cobalt	59-2	173	180	200	184	7.53	cps
Copper	63-2	1020	1157	1150	1109	6.95	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	50	67	44	57.28	cps
Erbium	164-2	20	7	10	12	56.76	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	77	57	73	69	15.55	cps
Holmium	165-1	10317755	10159845	10308439	10262013	0.86	cps
Holmium	165-2	4773490	4773043	4767311	4771281	0.07	cps
Indium	115-1	7737863	7577491	7817594	7710983	1.59	cps
Indium	115-2	1378266	1387080	1380997	1382114	0.33	cps
Iron	56-2	8619	9164	8964	8916	3.09	cps
Iron	57-2	272	361	300	311	14.62	cps
Lead	206-1	3308831	3302616	3296438	3302628	0.19	cps
Lead	207-1	2963090	2935492	2952453	2950345	0.47	cps
Lead	208-1	13502740	13486600	13451682	13480341	0.19	cps
Lithium	6-1	1526034	1501082	1527630	1518248	0.98	cps
Magnesium	24-2	2742	3251	2767	2920	9.82	cps
Manganese	55-2	470	447	453	457	2.63	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	258	233	233	10.72	cps
Molybdenum	95-1	83	92	108	94	13.48	cps
Molybdenum	96-1	158	208	50	139	58.28	cps
Molybdenum	97-1	108	133	42	94	50.17	cps
Molybdenum	98-1	150	283	183	206	33.76	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2900	3094	2880	2958	3.98	cps
Phosphorus	31-2	150	142	192	161	16.63	cps
Potassium	39-2	29054	29280	28796	29043	0.83	cps
Rhodium	103-1	6801903	6772331	6860928	6811721	0.66	cps
Rhodium	103-2	2879402	2902053	2885570	2889008	0.41	cps
Scandium	45-1	4192303	4054711	4161528	4136181	1.75	cps
Scandium	45-2	172379	173068	168429	171292	1.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	52	78	61	23.67	cps
Selenium	82-1	277	402	391	356	19.44	cps
Silicon	28-1	304129	305514	302225	303956	0.54	cps
Silver	109-1	100	108	58	89	30.13	cps
Silver	107-1	117	75	92	94	22.21	cps
Sodium	23-2	15734	15775	15417	15642	1.25	cps
Strontium	86-1	833	783	858	825	4.63	cps
Strontium	88-1	725	717	758	733	3.01	cps
Sulfur	34-1	231405	231681	227916	230334	0.91	cps
Terbium	159-1	10617311	10521828	10726027	10621722	0.96	cps
Terbium	159-2	4671900	4680461	4665440	4672600	0.16	cps
Thallium	203-1	583	533	608	575	6.64	cps
Thallium	205-1	1233	1325	1308	1289	3.79	cps
Tin	118-1	2200	2075	2400	2225	7.37	cps
Titanium	47-1	100	125	92	106	16.44	cps
Uranium	238-1	58	67	50	58	14.29	cps
Vanadium	51-2	13	23	13	17	34.65	cps
Yttrium	89-1	7702832	7625258	7800987	7709692	1.14	cps
Yttrium	89-2	1050752	1057506	1045777	1051345	0.56	cps
Zinc	66-2	157	127	183	156	18.23	cps
Zirconium	90-1	583	467	492	514	11.95	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:36:24	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	108	58	81	31.60	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	75	67	61	28.38	cps
Antimony	121-1	250	300	300	283	10.19	cps
Arsenic	75-2	9	17	11	12	31.24	cps
Barium	135-1	83	25	25	44	75.78	cps
Barium	137-1	50	58	100	69	38.57	cps
Beryllium	9-1	189	194	217	200	7.35	cps
Bismuth	209-1	6781758	6960687	6862537	6868327	1.30	cps
Bismuth	209-2	4047156	4053949	4088166	4063091	0.54	cps
Boron	10-1	258	400	358	339	21.49	cps
Boron	11-1	1750	1600	1550	1633	6.37	cps
Cadmium	111-1	1770	1855	1725	1783	3.70	cps
Cadmium	106-1	2517	2642	2450	2536	3.84	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	192	200	175	189	6.74	cps
Calcium	44-1	7035	6460	7394	6963	6.77	cps
Chromium	52-2	410	437	403	417	4.23	cps
Cobalt	59-2	133	180	190	168	18.02	cps
Copper	63-2	1233	1033	973	1080	12.61	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	33	50	50	44	21.64	cps
Erbium	164-2	7	13	23	14	58.06	cps
Gadolinium	160-1	50	58	42	50	16.67	cps
Gadolinium	160-2	67	80	53	67	20.00	cps
Holmium	165-1	10269869	10397128	10340027	10335675	0.62	cps
Holmium	165-2	5263636	5263356	5338178	5288390	0.82	cps
Indium	115-1	7659615	7804858	7781976	7748816	1.01	cps
Indium	115-2	1529846	1526381	1549250	1535159	0.80	cps
Iron	56-2	8697	9281	9031	9003	3.25	cps
Iron	57-2	322	339	306	322	5.17	cps
Lead	206-1	1433	1450	1445	1443	0.59	cps
Lead	207-1	1328	1283	1283	1298	1.98	cps
Lead	208-1	5840	6095	5590	5841	4.33	cps
Lithium	6-1	1534236	1549164	1537557	1540319	0.51	cps
Magnesium	24-2	3017	2950	3242	3070	4.98	cps
Manganese	55-2	410	550	470	477	14.74	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	150	142	139	9.16	cps
Molybdenum	95-1	83	92	125	100	22.05	cps
Molybdenum	96-1	125	100	83	103	20.40	cps
Molybdenum	97-1	117	50	158	108	50.44	cps
Molybdenum	98-1	117	233	200	183	32.78	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2730	3090	2940	2920	6.19	cps
Phosphorus	31-2	100	125	117	114	11.18	cps
Potassium	39-2	29238	28771	29405	29138	1.13	cps
Rhodium	103-1	6740968	6988097	6858806	6862624	1.80	cps
Rhodium	103-2	3181425	3181915	3203795	3189045	0.40	cps
Scandium	45-1	4170080	4169540	4167504	4169041	0.03	cps
Scandium	45-2	192057	190822	191761	191547	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	61	80	70	13.36	cps
Selenium	82-1	389	264	358	337	19.35	cps
Silicon	28-1	297875	295683	321451	305003	4.68	cps
Silver	109-1	92	142	58	97	43.14	cps
Silver	107-1	133	108	100	114	15.23	cps
Sodium	23-2	14274	14758	15384	14805	3.76	cps
Strontium	86-1	725	792	750	756	4.46	cps
Strontium	88-1	775	750	850	792	6.57	cps
Sulfur	34-1	238342	234010	231623	234658	1.45	cps
Terbium	159-1	10506622	10851047	10692867	10683512	1.61	cps
Terbium	159-2	5183286	5153386	5216952	5184541	0.61	cps
Thallium	203-1	475	550	450	492	10.59	cps
Thallium	205-1	1225	1167	1200	1197	2.44	cps
Tin	118-1	875	925	817	872	6.22	cps
Titanium	47-1	75	92	117	94	22.21	cps
Uranium	238-1	50	33	92	58	51.51	cps
Vanadium	51-2	10	37	17	21	65.74	cps
Yttrium	89-1	7739829	7854535	7786703	7793689	0.74	cps
Yttrium	89-2	1159438	1161494	1163283	1161405	0.17	cps
Zinc	66-2	127	170	120	139	19.55	cps
Zirconium	90-1	1018	483	392	631	53.61	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:39:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	75	133	92	39.63	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-08	Instrumnet Name :	P7
Client Sample ID :	DC2839-08-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:43:20	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	883	700	789	11.64	cps
Antimony	121-1	542	467	533	514	8.00	cps
Arsenic	75-2	61	67	89	72	20.35	cps
Barium	135-1	41847	42056	41430	41778	0.76	cps
Barium	137-1	72188	73653	72364	72735	1.10	cps
Beryllium	9-1	222	161	217	200	16.90	cps
Bismuth	209-1	7482356	7413822	7466962	7454380	0.48	cps
Bismuth	209-2	4265311	4240805	4264113	4256743	0.32	cps
Boron	10-1	808	642	850	767	14.38	cps
Boron	11-1	3301	3542	3884	3576	8.20	cps
Cadmium	111-1	2001	1906	1981	1963	2.55	cps
Cadmium	106-1	2867	2642	2767	2759	4.09	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	111686	111972	110863	111507	0.52	cps
Calcium	44-1	1851433	1834072	1832241	1839249	0.58	cps
Chromium	52-2	807	823	850	827	2.64	cps
Cobalt	59-2	253	243	227	241	5.59	cps
Copper	63-2	279490	282041	281628	281053	0.49	cps
Dysprosium	156-1	33	67	50	50	33.34	cps
Dysprosium	156-2	30	30	20	27	21.65	cps
Erbium	164-1	100	92	75	89	14.33	cps
Erbium	164-2	33	43	27	34	24.35	cps
Gadolinium	160-1	92	100	158	117	31.14	cps
Gadolinium	160-2	100	80	127	102	22.91	cps
Holmium	165-1	11287617	11342182	11124380	11251393	1.01	cps
Holmium	165-2	5611961	5646937	5607120	5622006	0.39	cps
Indium	115-1	8448461	8429368	8367170	8415000	0.51	cps
Indium	115-2	1616337	1629434	1614341	1620037	0.51	cps
Iron	56-2	40256	41236	40847	40780	1.21	cps
Iron	57-2	1361	1272	1328	1320	3.40	cps
Lead	206-1	2989	2950	2773	2904	3.98	cps
Lead	207-1	2261	2306	2473	2347	4.74	cps
Lead	208-1	10980	11041	10885	10969	0.71	cps
Lithium	6-1	1678094	1668147	1664773	1670338	0.41	cps
Magnesium	24-2	172204	170273	171714	171397	0.59	cps
Manganese	55-2	14104	13943	14020	14022	0.57	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-08	Instrumnet Name :	P7
Client Sample ID :	DC2839-08-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:43:20	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	800	675	733	8.58	cps
Molybdenum	95-1	175	308	267	250	27.28	cps
Molybdenum	96-1	408	442	358	403	10.41	cps
Molybdenum	97-1	150	175	133	153	13.73	cps
Molybdenum	98-1	492	475	483	483	1.72	cps
Neodymium	150-1	33	53	53	47	24.75	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	3297	3420	3464	3394	2.55	cps
Phosphorus	31-2	2150	2442	2625	2406	9.96	cps
Potassium	39-2	110467	109670	109737	109958	0.40	cps
Rhodium	103-1	7486088	7398973	7415530	7433530	0.62	cps
Rhodium	103-2	3366893	3377214	3344426	3362844	0.50	cps
Scandium	45-1	4595789	4519943	4522850	4546194	0.95	cps
Scandium	45-2	201446	202419	203376	202414	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	80	61	65	20.61	cps
Selenium	82-1	329	372	276	326	14.77	cps
Silicon	28-1	3993607	3971393	4027170	3997390	0.70	cps
Silver	109-1	92	108	75	92	18.18	cps
Silver	107-1	150	133	83	122	28.39	cps
Sodium	23-2	2810411	2800284	2797184	2802626	0.25	cps
Strontium	86-1	49386	49653	49135	49392	0.52	cps
Strontium	88-1	429385	427122	427329	427945	0.29	cps
Sulfur	34-1	271654	273263	271634	272184	0.34	cps
Terbium	159-1	11658394	11650652	11565504	11624850	0.44	cps
Terbium	159-2	5487862	5515254	5512162	5505093	0.27	cps
Thallium	203-1	575	517	367	486	22.11	cps
Thallium	205-1	1242	1175	1442	1286	10.79	cps
Tin	118-1	550	575	575	567	2.55	cps
Titanium	47-1	525	392	600	506	20.87	cps
Uranium	238-1	417	458	442	439	4.78	cps
Vanadium	51-2	120	123	140	128	8.38	cps
Yttrium	89-1	8550478	8448300	8423408	8474062	0.79	cps
Yttrium	89-2	1229132	1230935	1223523	1227863	0.31	cps
Zinc	66-2	5541	5228	5408	5392	2.92	cps
Zirconium	90-1	1542	1567	1559	1556	0.82	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-08	Instrumnet Name :	P7
Client Sample ID :	DC2839-08-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:43:20	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	333	300	336	11.18	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-09	Instrumnet Name :	P7
Client Sample ID :	DC2839-09-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:46:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	1008	933	972	3.87	cps
Antimony	121-1	3359	3367	3376	3367	0.25	cps
Arsenic	75-2	69	80	70	73	8.17	cps
Barium	135-1	42809	42542	42733	42695	0.32	cps
Barium	137-1	74752	75899	72934	74529	2.01	cps
Beryllium	9-1	183	200	200	194	4.95	cps
Bismuth	209-1	7449245	7453824	7423725	7442265	0.22	cps
Bismuth	209-2	4368907	4396475	4380527	4381970	0.32	cps
Boron	10-1	950	942	908	933	2.36	cps
Boron	11-1	4376	4576	4643	4531	3.06	cps
Cadmium	111-1	2172	2042	2182	2132	3.67	cps
Cadmium	106-1	3017	2892	3059	2989	2.90	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	114499	114365	113685	114183	0.38	cps
Calcium	44-1	1892874	1864907	1861978	1873253	0.91	cps
Chromium	52-2	857	843	750	817	7.12	cps
Cobalt	59-2	300	300	317	306	3.15	cps
Copper	63-2	361762	362434	363774	362657	0.28	cps
Dysprosium	156-1	92	42	100	78	40.56	cps
Dysprosium	156-2	43	20	37	33	36.05	cps
Erbium	164-1	75	58	83	72	17.62	cps
Erbium	164-2	43	30	27	33	26.45	cps
Gadolinium	160-1	58	125	133	106	38.94	cps
Gadolinium	160-2	133	123	130	129	3.95	cps
Holmium	165-1	11407705	11231834	11335190	11324910	0.78	cps
Holmium	165-2	5673586	5704543	5711191	5696440	0.35	cps
Indium	115-1	8531932	8424602	8469676	8475403	0.64	cps
Indium	115-2	1638078	1643208	1637612	1639632	0.19	cps
Iron	56-2	52278	51430	66863	56857	15.26	cps
Iron	57-2	1617	1739	1483	1613	7.92	cps
Lead	206-1	4701	4412	4256	4456	5.06	cps
Lead	207-1	3717	3773	3645	3712	1.73	cps
Lead	208-1	17472	17388	17116	17325	1.07	cps
Lithium	6-1	1684598	1677983	1670066	1677549	0.43	cps
Magnesium	24-2	187965	188175	189500	188547	0.44	cps
Manganese	55-2	19266	18932	19306	19168	1.07	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-09	Instrumnet Name :	P7
Client Sample ID :	DC2839-09-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:46:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	633	633	619	3.88	cps
Molybdenum	95-1	208	258	208	225	12.83	cps
Molybdenum	96-1	442	367	333	381	14.58	cps
Molybdenum	97-1	183	208	208	200	7.22	cps
Molybdenum	98-1	358	350	433	381	12.06	cps
Neodymium	150-1	60	47	33	47	28.58	cps
Neodymium	150-2	20	27	10	19	44.42	cps
Nickel	60-2	5294	4958	4998	5083	3.62	cps
Phosphorus	31-2	2159	2167	2467	2264	7.76	cps
Potassium	39-2	110879	109980	112282	111047	1.04	cps
Rhodium	103-1	7501146	7546558	7353795	7467166	1.35	cps
Rhodium	103-2	3427352	3404274	3410765	3414130	0.35	cps
Scandium	45-1	4587735	4535602	4499473	4540936	0.98	cps
Scandium	45-2	203666	204020	204666	204118	0.25	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	69	65	59	23.92	cps
Selenium	82-1	361	422	326	370	13.17	cps
Silicon	28-1	4043016	4034467	4038631	4038705	0.11	cps
Silver	109-1	100	150	200	150	33.34	cps
Silver	107-1	200	208	225	211	6.03	cps
Sodium	23-2	2837904	2850822	2846271	2844999	0.23	cps
Strontium	86-1	50281	49921	49269	49824	1.03	cps
Strontium	88-1	445806	429459	436023	437096	1.88	cps
Sulfur	34-1	278738	274496	272582	275272	1.14	cps
Terbium	159-1	11756933	11688320	11650984	11698746	0.46	cps
Terbium	159-2	5599400	5591341	5580503	5590415	0.17	cps
Thallium	203-1	625	567	617	603	5.23	cps
Thallium	205-1	1342	1433	1200	1325	8.87	cps
Tin	118-1	4334	4126	4268	4243	2.51	cps
Titanium	47-1	775	567	492	611	24.02	cps
Uranium	238-1	633	525	358	506	27.40	cps
Vanadium	51-2	90	117	110	106	13.15	cps
Yttrium	89-1	8574717	8442510	8439939	8485722	0.91	cps
Yttrium	89-2	1241987	1243238	1249801	1245009	0.34	cps
Zinc	66-2	29143	28962	28738	28948	0.70	cps
Zirconium	90-1	1392	1584	1901	1625	15.81	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-09	Instrumnet Name :	P7
Client Sample ID :	DC2839-09-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:46:47	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	267	300	314	17.68	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-10	Instrumnet Name :	P7
Client Sample ID :	DC2839-10-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:50:15	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100	783	775	886	20.91	cps
Antimony	121-1	633	583	683	633	7.89	cps
Arsenic	75-2	109	72	61	81	31.18	cps
Barium	135-1	42298	41830	41471	41867	0.99	cps
Barium	137-1	73755	73997	72757	73503	0.89	cps
Beryllium	9-1	194	211	211	206	4.68	cps
Bismuth	209-1	7394580	7339918	7325064	7353187	0.50	cps
Bismuth	209-2	4070051	4316384	4373126	4253187	3.79	cps
Boron	10-1	600	875	825	767	19.11	cps
Boron	11-1	3584	4009	3334	3642	9.37	cps
Cadmium	111-1	2169	2048	2002	2073	4.17	cps
Cadmium	106-1	3092	2859	2792	2914	5.41	cps
Cadmium	108-1	29	4	4	13	115.44	cps
Calcium	43-1	113744	111519	111259	112174	1.22	cps
Calcium	44-1	1861090	1849984	1832399	1847824	0.78	cps
Chromium	52-2	727	730	773	743	3.50	cps
Cobalt	59-2	237	200	180	206	13.98	cps
Copper	63-2	282199	282076	286078	283451	0.80	cps
Dysprosium	156-1	67	125	67	86	39.11	cps
Dysprosium	156-2	40	30	20	30	33.33	cps
Erbium	164-1	67	100	58	75	29.40	cps
Erbium	164-2	37	40	33	37	9.10	cps
Gadolinium	160-1	142	108	83	111	26.34	cps
Gadolinium	160-2	103	107	113	108	4.72	cps
Holmium	165-1	11304059	11293727	11097416	11231734	1.04	cps
Holmium	165-2	5338188	5642769	5667625	5549527	3.31	cps
Indium	115-1	8370877	8419857	8308206	8366313	0.67	cps
Indium	115-2	1543605	1635208	1642635	1607149	3.43	cps
Iron	56-2	43354	45113	43349	43939	2.31	cps
Iron	57-2	1528	1456	1561	1515	3.56	cps
Lead	206-1	2745	2684	2506	2645	4.69	cps
Lead	207-1	2384	2517	2328	2410	4.03	cps
Lead	208-1	10491	10708	10474	10558	1.23	cps
Lithium	6-1	1668581	1661573	1650753	1660302	0.54	cps
Magnesium	24-2	173655	170829	170847	171777	0.95	cps
Manganese	55-2	15585	15348	15635	15523	0.99	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-10 Instrumnet Name : P7
 Client Sample ID : DC2839-10-FL1-BRK-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:50:15 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	558	500	525	5.72	cps
Molybdenum	95-1	175	233	333	247	32.39	cps
Molybdenum	96-1	350	292	333	325	9.25	cps
Molybdenum	97-1	175	133	192	167	18.03	cps
Molybdenum	98-1	400	467	325	397	17.84	cps
Neodymium	150-1	67	73	27	56	45.43	cps
Neodymium	150-2	30	10	30	23	49.49	cps
Nickel	60-2	2820	3127	3127	3025	5.85	cps
Phosphorus	31-2	2467	2517	2367	2450	3.12	cps
Potassium	39-2	111181	110409	111508	111033	0.51	cps
Rhodium	103-1	7471754	7460568	7313347	7415223	1.19	cps
Rhodium	103-2	3205398	3376661	3401699	3327919	3.21	cps
Scandium	45-1	4529179	4508568	4441765	4493171	1.02	cps
Scandium	45-2	189393	203167	205781	199447	4.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	80	76	70	75	6.19	cps
Selenium	82-1	268	478	384	377	27.92	cps
Silicon	28-1	3994951	3934943	3940322	3956739	0.84	cps
Silver	109-1	142	108	142	131	14.74	cps
Silver	107-1	175	150	92	139	30.79	cps
Sodium	23-2	2819974	2805787	2822041	2815934	0.31	cps
Strontium	86-1	49670	49210	49302	49394	0.49	cps
Strontium	88-1	435423	430187	430242	431950	0.70	cps
Sulfur	34-1	272516	272934	269557	271669	0.68	cps
Terbium	159-1	11680944	11565183	11529431	11591853	0.68	cps
Terbium	159-2	5239764	5542472	5596143	5459460	3.52	cps
Thallium	203-1	558	458	600	539	13.51	cps
Thallium	205-1	1158	1258	1450	1289	11.50	cps
Tin	118-1	6752	7036	7211	6999	3.31	cps
Titanium	47-1	667	417	583	556	22.92	cps
Uranium	238-1	567	500	550	539	6.44	cps
Vanadium	51-2	93	103	120	106	12.76	cps
Yttrium	89-1	8482071	8390966	8338499	8403845	0.86	cps
Yttrium	89-2	1165610	1234293	1245146	1215017	3.55	cps
Zinc	66-2	6031	5835	5905	5924	1.68	cps
Zirconium	90-1	1425	1325	1433	1395	4.32	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-10	Instrumnet Name :	P7
Client Sample ID :	DC2839-10-FL1-BRK-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:50:15	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	375	225	286	27.54	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-11	Instrumnet Name :	P7
Client Sample ID :	DC2839-11-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:53:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	608	717	700	12.08	cps
Antimony	121-1	792	617	792	733	13.78	cps
Arsenic	75-2	70	63	59	64	8.81	cps
Barium	135-1	41338	39825	40460	40541	1.87	cps
Barium	137-1	70823	72163	70546	71177	1.21	cps
Beryllium	9-1	206	194	172	191	8.90	cps
Bismuth	209-1	7193453	7288768	7211862	7231361	0.70	cps
Bismuth	209-2	4275871	4193261	4209233	4226122	1.04	cps
Boron	10-1	933	900	883	906	2.81	cps
Boron	11-1	4101	4034	4367	4167	4.23	cps
Cadmium	111-1	1972	1881	1998	1950	3.16	cps
Cadmium	106-1	2784	2642	2792	2739	3.08	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	111334	111621	109999	110985	0.78	cps
Calcium	44-1	1844895	1829459	1830836	1835063	0.47	cps
Chromium	52-2	707	677	673	686	2.68	cps
Cobalt	59-2	250	243	260	251	3.34	cps
Copper	63-2	259000	258643	259576	259073	0.18	cps
Dysprosium	156-1	58	50	83	64	27.15	cps
Dysprosium	156-2	27	33	23	28	18.33	cps
Erbium	164-1	92	50	50	64	37.66	cps
Erbium	164-2	33	60	30	41	40.00	cps
Gadolinium	160-1	117	108	108	111	4.33	cps
Gadolinium	160-2	80	97	97	91	10.56	cps
Holmium	165-1	10820714	11007475	11056265	10961485	1.13	cps
Holmium	165-2	5613495	5528834	5540881	5561070	0.82	cps
Indium	115-1	8116253	8165883	8231473	8171203	0.71	cps
Indium	115-2	1617537	1597314	1593795	1602882	0.80	cps
Iron	56-2	37026	38066	38559	37884	2.07	cps
Iron	57-2	1261	1295	1272	1276	1.33	cps
Lead	206-1	5696	5268	5813	5592	5.13	cps
Lead	207-1	4907	4434	4612	4651	5.13	cps
Lead	208-1	22258	21230	22325	21937	2.80	cps
Lithium	6-1	1630447	1627128	1621465	1626347	0.28	cps
Magnesium	24-2	184326	186337	183323	184662	0.83	cps
Manganese	55-2	12766	12946	12786	12832	0.77	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-11 Instrumnet Name : P7
 Client Sample ID : DC2839-11-FL1-BRT-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:53:43 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	625	458	531	16.12	cps
Molybdenum	95-1	258	258	233	250	5.78	cps
Molybdenum	96-1	308	367	383	353	11.16	cps
Molybdenum	97-1	175	158	142	158	10.53	cps
Molybdenum	98-1	342	392	425	386	10.86	cps
Neodymium	150-1	40	73	40	51	37.66	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	5398	4731	5174	5101	6.65	cps
Phosphorus	31-2	2009	2117	2384	2170	8.90	cps
Potassium	39-2	107874	110333	111651	109953	1.74	cps
Rhodium	103-1	7296465	7262000	7227638	7262034	0.47	cps
Rhodium	103-2	3359016	3314316	3306767	3326700	0.85	cps
Scandium	45-1	4373386	4399877	4394062	4389108	0.32	cps
Scandium	45-2	205146	197056	198361	200188	2.17	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	69	54	74	65	16.10	cps
Selenium	82-1	263	395	164	274	42.15	cps
Silicon	28-1	3914011	3976812	3869360	3920061	1.38	cps
Silver	109-1	167	125	125	139	17.32	cps
Silver	107-1	167	275	217	219	24.71	cps
Sodium	23-2	2772935	2779046	2758479	2770153	0.38	cps
Strontium	86-1	48952	48902	47103	48319	2.18	cps
Strontium	88-1	416871	422918	415626	418472	0.93	cps
Sulfur	34-1	269453	268023	267966	268481	0.31	cps
Terbium	159-1	11387920	11322287	11292372	11334193	0.43	cps
Terbium	159-2	5503421	5376902	5439102	5439808	1.16	cps
Thallium	203-1	517	550	492	519	5.63	cps
Thallium	205-1	1158	1142	1267	1189	5.71	cps
Tin	118-1	742	742	608	697	11.04	cps
Titanium	47-1	467	633	575	558	15.15	cps
Uranium	238-1	500	442	567	503	12.44	cps
Vanadium	51-2	130	123	123	126	3.06	cps
Yttrium	89-1	8193708	8274707	8245769	8238061	0.50	cps
Yttrium	89-2	1235058	1205122	1214638	1218272	1.26	cps
Zinc	66-2	46363	46049	46899	46437	0.92	cps
Zirconium	90-1	1125	1208	1192	1175	3.75	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-11	Instrumnet Name :	P7
Client Sample ID :	DC2839-11-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:53:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	333	217	281	21.07	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-12 Instrumnet Name : P7
 Client Sample ID : DC2839-12-FL1-BRT-W4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 16:57:11 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	1034	642	814	24.62	cps
Antimony	121-1	508	292	375	392	27.90	cps
Arsenic	75-2	76	98	81	85	13.58	cps
Barium	135-1	40777	41128	39975	40627	1.46	cps
Barium	137-1	70948	70940	68980	70289	1.61	cps
Beryllium	9-1	167	172	228	189	17.89	cps
Bismuth	209-1	7267280	7354202	7311295	7310926	0.59	cps
Bismuth	209-2	4214681	4300860	4310987	4275509	1.24	cps
Boron	10-1	775	792	700	756	6.46	cps
Boron	11-1	3617	3534	3267	3473	5.27	cps
Cadmium	111-1	2163	1832	1933	1976	8.60	cps
Cadmium	106-1	3034	2534	2709	2759	9.20	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	115305	110462	109511	111759	2.78	cps
Calcium	44-1	1855612	1836703	1812553	1834956	1.18	cps
Chromium	52-2	700	747	747	731	3.69	cps
Cobalt	59-2	210	140	190	180	20.03	cps
Copper	63-2	215583	215475	217410	216156	0.50	cps
Dysprosium	156-1	67	50	67	61	15.75	cps
Dysprosium	156-2	23	37	30	30	22.23	cps
Erbium	164-1	42	117	92	83	45.82	cps
Erbium	164-2	40	50	53	48	14.52	cps
Gadolinium	160-1	108	133	92	111	18.88	cps
Gadolinium	160-2	77	120	127	108	25.19	cps
Holmium	165-1	11155186	10943907	10980668	11026587	1.02	cps
Holmium	165-2	5522777	5641579	5642702	5602353	1.23	cps
Indium	115-1	8259416	8182132	8223661	8221736	0.47	cps
Indium	115-2	1613744	1625801	1630700	1623415	0.54	cps
Iron	56-2	39111	41116	38875	39701	3.10	cps
Iron	57-2	1250	1283	1245	1259	1.67	cps
Lead	206-1	2595	2823	2723	2713	4.21	cps
Lead	207-1	2434	2367	2161	2321	6.12	cps
Lead	208-1	10785	10974	10391	10717	2.78	cps
Lithium	6-1	1654586	1646090	1629452	1643376	0.78	cps
Magnesium	24-2	173849	174327	174116	174097	0.14	cps
Manganese	55-2	14334	13667	14274	14091	2.62	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-12	Instrumnet Name :	P7
Client Sample ID :	DC2839-12-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:57:11	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	425	567	517	15.39	cps
Molybdenum	95-1	183	333	267	261	28.78	cps
Molybdenum	96-1	333	275	258	289	13.63	cps
Molybdenum	97-1	192	208	167	189	11.11	cps
Molybdenum	98-1	333	300	333	322	5.97	cps
Neodymium	150-1	27	27	67	40	57.73	cps
Neodymium	150-2	33	27	17	26	32.81	cps
Nickel	60-2	3197	3197	3497	3297	5.25	cps
Phosphorus	31-2	2542	2450	2500	2498	1.84	cps
Potassium	39-2	110040	111929	110559	110843	0.88	cps
Rhodium	103-1	7397205	7335928	7185129	7306087	1.49	cps
Rhodium	103-2	3320140	3373104	3366393	3353212	0.86	cps
Scandium	45-1	4446745	4423357	4441794	4437299	0.28	cps
Scandium	45-2	197650	205632	201649	201644	1.98	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	69	83	67	73	12.54	cps
Selenium	82-1	289	365	271	308	16.28	cps
Silicon	28-1	3928360	3922117	4478545	4109674	7.77	cps
Silver	109-1	142	100	100	114	21.12	cps
Silver	107-1	117	183	167	156	22.30	cps
Sodium	23-2	2795088	2828596	2830084	2817923	0.70	cps
Strontium	86-1	47973	47865	48867	48235	1.14	cps
Strontium	88-1	420259	417218	417082	418186	0.43	cps
Sulfur	34-1	264535	264034	261498	263355	0.62	cps
Terbium	159-1	11465626	11482870	11234204	11394233	1.22	cps
Terbium	159-2	5439708	5496477	5525315	5487167	0.79	cps
Thallium	203-1	408	508	592	503	18.26	cps
Thallium	205-1	1058	1050	1183	1097	6.81	cps
Tin	118-1	525	483	508	506	4.15	cps
Titanium	47-1	467	492	583	514	11.96	cps
Uranium	238-1	550	367	425	447	20.94	cps
Vanadium	51-2	103	100	137	113	17.89	cps
Yttrium	89-1	8267144	8319391	8349243	8311926	0.50	cps
Yttrium	89-2	1224368	1235456	1241422	1233748	0.70	cps
Zinc	66-2	6478	6548	6618	6548	1.07	cps
Zirconium	90-1	1400	1258	1233	1297	6.93	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-12	Instrumnet Name :	P7
Client Sample ID :	DC2839-12-FL1-BRT-W4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 16:57:11	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	283	258	278	6.25	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-13	Instrumnet Name :	P7
Client Sample ID :	DC2839-13-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:00:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	192	250	225	13.35	cps
Antimony	121-1	92	100	150	114	27.70	cps
Arsenic	75-2	20	26	35	27	27.56	cps
Barium	135-1	3234	3109	3151	3164	2.01	cps
Barium	137-1	5760	5568	5018	5449	7.07	cps
Beryllium	9-1	167	206	167	180	12.50	cps
Bismuth	209-1	7350879	7546196	7417772	7438282	1.33	cps
Bismuth	209-2	4269034	4269257	4280865	4273052	0.16	cps
Boron	10-1	650	500	442	531	20.26	cps
Boron	11-1	2434	2984	2225	2548	15.38	cps
Cadmium	111-1	1748	2054	2050	1951	8.99	cps
Cadmium	106-1	2484	2917	2917	2773	9.03	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	84633	85589	85229	85150	0.57	cps
Calcium	44-1	1415425	1396071	1384439	1398645	1.12	cps
Chromium	52-2	760	750	877	796	8.85	cps
Cobalt	59-2	137	150	127	138	8.50	cps
Copper	63-2	967	1037	933	979	5.39	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	40	23	7	23	71.42	cps
Gadolinium	160-1	50	100	92	81	33.26	cps
Gadolinium	160-2	67	83	103	84	21.74	cps
Holmium	165-1	11178923	11301524	10922539	11134329	1.74	cps
Holmium	165-2	5582445	5568405	5593662	5581504	0.23	cps
Indium	115-1	8327443	8502228	8301648	8377106	1.30	cps
Indium	115-2	1607070	1597533	1616451	1607018	0.59	cps
Iron	56-2	10271	10043	10293	10202	1.36	cps
Iron	57-2	400	544	583	509	18.97	cps
Lead	206-1	1233	1272	1456	1320	8.99	cps
Lead	207-1	1150	1139	1167	1152	1.21	cps
Lead	208-1	4862	5028	5428	5106	5.70	cps
Lithium	6-1	1635354	1657401	1627659	1640138	0.94	cps
Magnesium	24-2	106745	106082	106696	106508	0.35	cps
Manganese	55-2	1647	1687	1693	1676	1.51	cps

LB Number : LB88964 Operator : Jaswal
 Lab Sample ID : I4393-13 Instrumnet Name : P7
 Client Sample ID : DC2839-13-FL1-H-W1-W Dilution Factor : 1
 Date & Time Acquired :: 2017-07-24 17:00:39 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1208	1425	1233	1289	9.20	cps
Molybdenum	95-1	2084	1817	1909	1936	7.00	cps
Molybdenum	96-1	2200	2250	1984	2145	6.61	cps
Molybdenum	97-1	1500	1133	1175	1270	15.81	cps
Molybdenum	98-1	3392	3284	2784	3153	10.29	cps
Neodymium	150-1	27	53	40	40	33.33	cps
Neodymium	150-2	13	23	10	16	44.60	cps
Nickel	60-2	2857	3060	3007	2975	3.54	cps
Phosphorus	31-2	183	133	192	169	18.62	cps
Potassium	39-2	115908	115640	117219	116256	0.73	cps
Rhodium	103-1	7393734	7491283	7337861	7407626	1.05	cps
Rhodium	103-2	3353842	3355924	3351583	3353783	0.06	cps
Scandium	45-1	4469278	4581482	4434801	4495187	1.71	cps
Scandium	45-2	199771	199614	200327	199904	0.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	69	67	72	69	4.09	cps
Selenium	82-1	289	322	323	311	6.20	cps
Silicon	28-1	19436560	19228090	19168037	19277562	0.73	cps
Silver	109-1	58	100	75	78	26.96	cps
Silver	107-1	108	75	75	86	22.35	cps
Sodium	23-2	996186	990227	997219	994544	0.38	cps
Strontium	86-1	95609	94125	94007	94581	0.94	cps
Strontium	88-1	829275	815789	813983	819682	1.02	cps
Sulfur	34-1	242881	241501	240985	241789	0.41	cps
Terbium	159-1	11538458	11697070	11564973	11600167	0.73	cps
Terbium	159-2	5480970	5464932	5472712	5472871	0.15	cps
Thallium	203-1	550	350	492	464	22.17	cps
Thallium	205-1	1058	1475	1267	1267	16.45	cps
Tin	118-1	558	483	458	500	10.41	cps
Titanium	47-1	567	475	417	486	15.56	cps
Uranium	238-1	9204	9404	9137	9248	1.50	cps
Vanadium	51-2	210	233	207	217	6.71	cps
Yttrium	89-1	8407854	8548973	8271131	8409319	1.65	cps
Yttrium	89-2	1220709	1220275	1233425	1224803	0.61	cps
Zinc	66-2	213	200	217	210	4.20	cps
Zirconium	90-1	583	608	500	564	10.06	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-13	Instrumnet Name :	P7
Client Sample ID :	DC2839-13-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:00:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	183	133	147	21.43	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-14	Instrumnet Name :	P7
Client Sample ID :	DC2839-14-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:04:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	200	283	247	17.30	cps
Antimony	121-1	125	183	158	156	18.81	cps
Arsenic	75-2	24	33	20	26	25.75	cps
Barium	135-1	3584	2809	3059	3150	12.56	cps
Barium	137-1	5243	5376	5101	5240	2.63	cps
Beryllium	9-1	194	172	189	185	6.24	cps
Bismuth	209-1	7453096	7416803	7344818	7404906	0.74	cps
Bismuth	209-2	4303075	4303885	4305552	4304170	0.03	cps
Boron	10-1	383	433	417	411	6.19	cps
Boron	11-1	2609	2217	2167	2331	10.38	cps
Cadmium	111-1	1930	1945	2099	1992	4.71	cps
Cadmium	106-1	2742	2784	2984	2837	4.56	cps
Cadmium	108-1	21	17	8	15	41.67	cps
Calcium	43-1	86453	86915	85330	86233	0.95	cps
Calcium	44-1	1433149	1414951	1408385	1418828	0.90	cps
Chromium	52-2	803	733	827	788	6.17	cps
Cobalt	59-2	123	153	113	130	16.01	cps
Copper	63-2	1010	1023	1000	1011	1.16	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	13	30	23	22	37.76	cps
Gadolinium	160-1	75	58	142	92	48.11	cps
Gadolinium	160-2	80	83	73	79	6.46	cps
Holmium	165-1	11169875	11108965	11040941	11106594	0.58	cps
Holmium	165-2	5623587	5623875	5624060	5623841	0.00	cps
Indium	115-1	8424101	8324275	8229874	8326083	1.17	cps
Indium	115-2	1622395	1627036	1625766	1625066	0.15	cps
Iron	56-2	10154	9592	9598	9781	3.30	cps
Iron	57-2	556	544	472	524	8.63	cps
Lead	206-1	1172	1161	1161	1165	0.55	cps
Lead	207-1	1039	1106	1095	1080	3.31	cps
Lead	208-1	4834	4784	4767	4795	0.72	cps
Lithium	6-1	1648510	1627126	1630382	1635339	0.70	cps
Magnesium	24-2	107290	107903	107652	107615	0.29	cps
Manganese	55-2	1797	1660	1573	1677	6.72	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-14	Instrumnet Name :	P7
Client Sample ID :	DC2839-14-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:04:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1308	1383	1347	2.79	cps
Molybdenum	95-1	1725	1950	1925	1867	6.61	cps
Molybdenum	96-1	1959	2059	2109	2042	3.74	cps
Molybdenum	97-1	1333	1108	1550	1331	16.60	cps
Molybdenum	98-1	3100	3442	3042	3195	6.77	cps
Neodymium	150-1	33	53	67	51	32.83	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	3030	2807	3260	3033	7.48	cps
Phosphorus	31-2	117	158	158	144	16.66	cps
Potassium	39-2	117881	118965	118679	118508	0.47	cps
Rhodium	103-1	7460450	7478481	7383740	7440890	0.68	cps
Rhodium	103-2	3359323	3377818	3372793	3369978	0.28	cps
Scandium	45-1	4483981	4457386	4440642	4460670	0.49	cps
Scandium	45-2	201141	202135	200744	201340	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	69	54	68	20.47	cps
Selenium	82-1	325	429	379	378	13.79	cps
Silicon	28-1	19595821	19468487	19376779	19480362	0.56	cps
Silver	109-1	67	8	83	53	74.62	cps
Silver	107-1	58	133	133	108	39.97	cps
Sodium	23-2	1005806	1006923	1004790	1005839	0.11	cps
Strontium	86-1	96523	96330	96363	96405	0.11	cps
Strontium	88-1	836417	826234	835549	832733	0.68	cps
Sulfur	34-1	239437	243579	239969	240995	0.93	cps
Terbium	159-1	11698654	11587810	11571286	11619250	0.60	cps
Terbium	159-2	5483070	5514345	5484000	5493805	0.32	cps
Thallium	203-1	575	408	483	489	17.08	cps
Thallium	205-1	1208	1183	1075	1156	6.13	cps
Tin	118-1	500	450	433	461	7.52	cps
Titanium	47-1	417	392	367	392	6.38	cps
Uranium	238-1	9404	8920	9587	9304	3.70	cps
Vanadium	51-2	227	253	250	243	5.97	cps
Yttrium	89-1	8514007	8366714	8382166	8420962	0.96	cps
Yttrium	89-2	1231315	1235183	1230733	1232410	0.20	cps
Zinc	66-2	197	203	183	194	5.24	cps
Zirconium	90-1	667	525	600	597	11.87	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	I4393-14	Instrumnet Name :	P7
Client Sample ID :	DC2839-14-FL1-H-W1-W	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:04:08	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	117	167	142	17.65	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	50	67	69	30.20	cps
Antimony	121-1	150	225	150	175	24.74	cps
Arsenic	75-2	15	11	15	14	15.73	cps
Barium	135-1	17	33	33	28	34.63	cps
Barium	137-1	58	50	92	67	33.07	cps
Beryllium	9-1	183	172	194	183	6.06	cps
Bismuth	209-1	6878261	6774505	6806103	6819623	0.78	cps
Bismuth	209-2	3720562	3695567	3695595	3703908	0.39	cps
Boron	10-1	250	342	292	294	15.59	cps
Boron	11-1	1525	1525	1333	1461	7.57	cps
Cadmium	111-1	1808	1737	1606	1717	5.98	cps
Cadmium	106-1	2584	2442	2292	2439	5.98	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	233	92	200	175	42.33	cps
Calcium	44-1	6802	6619	6418	6613	2.90	cps
Chromium	52-2	387	350	410	382	7.91	cps
Cobalt	59-2	170	150	193	171	12.68	cps
Copper	63-2	1107	1090	1147	1115	2.61	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	50	100	72	35.26	cps
Erbium	164-2	23	30	7	20	60.08	cps
Gadolinium	160-1	108	50	100	86	36.64	cps
Gadolinium	160-2	80	23	107	70	60.80	cps
Holmium	165-1	10374877	10350259	10301792	10342310	0.36	cps
Holmium	165-2	4863318	4845328	4868121	4858922	0.25	cps
Indium	115-1	7846909	7784044	7765877	7798943	0.55	cps
Indium	115-2	1421158	1421830	1423537	1422175	0.09	cps
Iron	56-2	7852	7841	7563	7752	2.11	cps
Iron	57-2	306	283	311	300	4.90	cps
Lead	206-1	3305879	3296064	3303201	3301715	0.15	cps
Lead	207-1	2957356	2959216	2944645	2953739	0.27	cps
Lead	208-1	13611774	13560464	13617039	13596425	0.23	cps
Lithium	6-1	1520059	1506570	1504788	1510472	0.55	cps
Magnesium	24-2	3409	3617	3384	3470	3.69	cps
Manganese	55-2	483	487	500	490	1.80	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	183	292	244	22.70	cps
Molybdenum	95-1	67	100	100	89	21.65	cps
Molybdenum	96-1	150	150	158	153	3.15	cps
Molybdenum	97-1	108	58	92	86	29.56	cps
Molybdenum	98-1	133	175	117	142	21.21	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3944	4054	4197	4065	3.13	cps
Phosphorus	31-2	175	158	150	161	7.90	cps
Potassium	39-2	29238	29071	28996	29102	0.43	cps
Rhodium	103-1	7025351	6827631	6902701	6918561	1.44	cps
Rhodium	103-2	2943983	2924324	2955470	2941259	0.54	cps
Scandium	45-1	4228518	4175013	4190382	4197971	0.66	cps
Scandium	45-2	178997	178386	178660	178681	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	72	72	69	7.73	cps
Selenium	82-1	432	383	291	369	19.35	cps
Silicon	28-1	304966	304988	313459	307805	1.59	cps
Silver	109-1	8	75	83	56	74.00	cps
Silver	107-1	150	58	67	92	55.30	cps
Sodium	23-2	14658	14241	14157	14352	1.87	cps
Strontium	86-1	875	742	858	825	8.81	cps
Strontium	88-1	717	725	783	742	4.90	cps
Sulfur	34-1	233799	233843	234071	233904	0.06	cps
Terbium	159-1	10857017	10584438	10692336	10711264	1.28	cps
Terbium	159-2	4735770	4746913	4782761	4755148	0.52	cps
Thallium	203-1	517	542	500	519	4.04	cps
Thallium	205-1	1150	1242	1200	1197	3.83	cps
Tin	118-1	2042	2117	2150	2103	2.64	cps
Titanium	47-1	100	117	125	114	11.18	cps
Uranium	238-1	50	25	67	47	44.41	cps
Vanadium	51-2	7	13	23	14	58.06	cps
Yttrium	89-1	7966513	7805963	7775276	7849251	1.31	cps
Yttrium	89-2	1081854	1072615	1081330	1078600	0.48	cps
Zinc	66-2	143	153	130	142	8.23	cps
Zirconium	90-1	417	525	417	453	13.81	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:07:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	42	58	69	49.96	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	50	64	27.15	cps
Antimony	121-1	58	167	142	122	46.41	cps
Arsenic	75-2	11	13	11	12	9.11	cps
Barium	135-1	42	0	17	19	107.85	cps
Barium	137-1	50	58	67	58	14.29	cps
Beryllium	9-1	178	217	189	194	10.30	cps
Bismuth	209-1	6801782	6745147	6731826	6759585	0.55	cps
Bismuth	209-2	4002767	4015850	4024562	4014393	0.27	cps
Boron	10-1	117	267	267	217	39.97	cps
Boron	11-1	975	1050	1133	1053	7.52	cps
Cadmium	111-1	1759	1814	1762	1778	1.76	cps
Cadmium	106-1	2509	2600	2525	2545	1.92	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	200	258	167	208	22.27	cps
Calcium	44-1	7052	6719	7110	6960	3.04	cps
Chromium	52-2	487	460	440	462	5.07	cps
Cobalt	59-2	150	177	153	160	9.08	cps
Copper	63-2	1157	1093	900	1050	12.73	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	92	92	8	64	75.31	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	80	43	80	68	31.24	cps
Holmium	165-1	10376073	10288445	10244458	10302992	0.65	cps
Holmium	165-2	5246436	5250351	5276428	5257738	0.31	cps
Indium	115-1	7799810	7751532	7639663	7730335	1.06	cps
Indium	115-2	1535709	1533967	1538558	1536078	0.15	cps
Iron	56-2	8086	8047	8130	8088	0.52	cps
Iron	57-2	317	300	294	304	3.81	cps
Lead	206-1	1117	1289	1267	1224	7.65	cps
Lead	207-1	1233	1067	1039	1113	9.45	cps
Lead	208-1	5078	5156	4767	5001	4.12	cps
Lithium	6-1	1505372	1490540	1502537	1499483	0.53	cps
Magnesium	24-2	3684	4067	3709	3820	5.62	cps
Manganese	55-2	557	543	557	552	1.39	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	167	192	169	12.38	cps
Molybdenum	95-1	42	75	83	67	33.07	cps
Molybdenum	96-1	92	75	108	92	18.18	cps
Molybdenum	97-1	67	100	75	81	21.54	cps
Molybdenum	98-1	67	58	75	67	12.49	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4374	4307	4274	4318	1.18	cps
Phosphorus	31-2	192	175	125	164	21.17	cps
Potassium	39-2	30282	29981	29247	29836	1.78	cps
Rhodium	103-1	6841890	6905720	6878723	6875444	0.47	cps
Rhodium	103-2	3176270	3188396	3198526	3187730	0.35	cps
Scandium	45-1	4201922	4168485	4171397	4180601	0.44	cps
Scandium	45-2	191915	192069	193715	192566	0.52	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	52	59	59	57	7.53	cps
Selenium	82-1	336	388	376	367	7.39	cps
Silicon	28-1	297831	301045	299861	299579	0.54	cps
Silver	109-1	75	50	58	61	20.83	cps
Silver	107-1	75	117	33	75	55.56	cps
Sodium	23-2	13482	13448	14024	13651	2.37	cps
Strontium	86-1	975	892	792	886	10.36	cps
Strontium	88-1	925	708	1050	895	19.33	cps
Sulfur	34-1	236863	236954	235737	236518	0.29	cps
Terbium	159-1	10648931	10613999	10583364	10615431	0.31	cps
Terbium	159-2	5143787	5150482	5146402	5146891	0.07	cps
Thallium	203-1	375	350	358	361	3.53	cps
Thallium	205-1	925	1142	950	1006	11.79	cps
Tin	118-1	658	675	592	642	6.87	cps
Titanium	47-1	100	150	117	122	20.83	cps
Uranium	238-1	83	33	33	50	57.75	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	7862306	7774063	7782362	7806243	0.62	cps
Yttrium	89-2	1167455	1162451	1164893	1164933	0.21	cps
Zinc	66-2	130	120	120	123	4.68	cps
Zirconium	90-1	533	542	458	511	8.98	cps

LB Number :	LB88964	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2017-07-24 17:11:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	133	142	136	3.53	cps