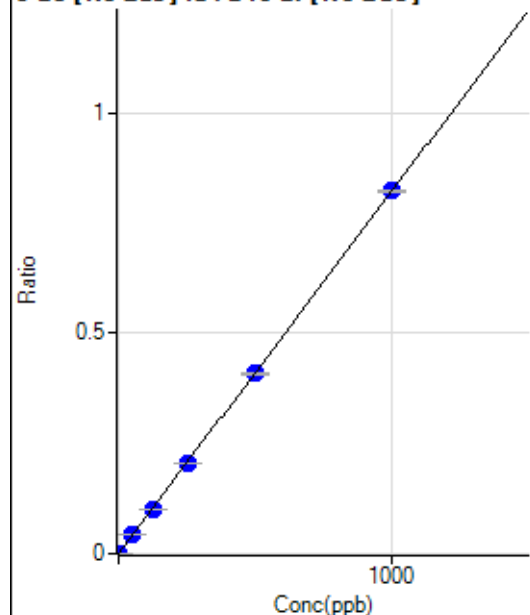


Batch Folder: D:\ICP-MS Data\P7071417 -MS.b\
Analysis File: P7071417 -MS.batch.bin
DA Date-Time: 2017-07-17 14:49:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-14 11:36:39
2			
3	005CALS.d	S02	2017-07-14 11:44:11
4	006CALS.d	S03	2017-07-14 11:47:58
5	007CALS.d	S04	2017-07-14 11:51:46
6	008CALS.d	S05	2017-07-14 11:55:28
7	009CALS.d	S06	2017-07-14 11:59:07
8	010CALS.d	S07	2017-07-14 12:02:43
9	011CALS.d	S08	2017-07-14 12:06:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.19	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	0.858	1270.46	0.0008	P	9.0
4	☐	50.000	50.451	69745.19	0.0414	P	0.2
5	☐	125.000	123.102	173032.88	0.1011	P	1.6
6	☐	250.000	249.829	342393.19	0.2050	P	0.2
7	☐	500.000	496.708	671205.83	0.4076	P	0.4
8	☐	1000.000	1001.904	1315855.56	0.8221	P	0.3
9	☐			1170.45	0.0008	P	16.7

$$y = 8.2051\text{E-}004 * x + 5.0778\text{E-}005$$

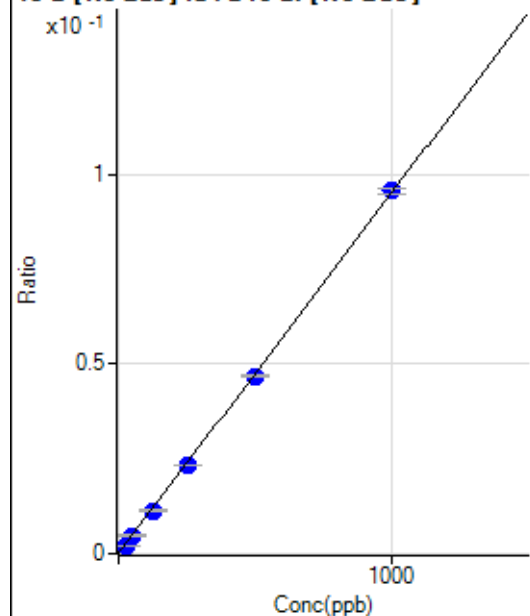
$$R = 1.0000$$

$$DL = 0.02381$$

$$BEC = 0.06189$$

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	166.67	0.0001	P	18.9
2	☐	2.500					
3	☐	25.000	21.428	3592.24	0.0021	P	8.1
4	☐	50.000	49.255	8032.99	0.0048	P	2.3
5	☐	125.000	118.330	19382.58	0.0113	P	6.9
6	☐	250.000	244.907	38976.05	0.0233	P	1.5
7	☐	500.000	492.600	77135.35	0.0468	P	1.9
8	☐	1000.000	1005.933	152939.83	0.0956	P	1.6
9	☐			7366.00	0.0048	P	11.6

$$y = 9.4893\text{E-}005 * x + 9.9525\text{E-}005$$

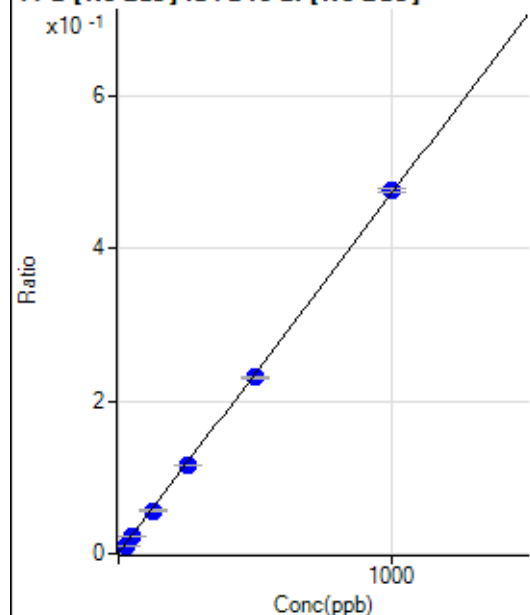
$$R = 0.9999$$

$$DL = 0.5959$$

$$BEC = 1.049$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	825.06	0.0005	P	5.9
2	☐	2.500					
3	☐	25.000	20.653	17210.42	0.0102	P	3.1
4	☐	50.000	48.014	38864.77	0.0231	P	1.9
5	☐	125.000	117.821	95796.71	0.0560	P	3.2
6	☐	250.000	244.863	193325.38	0.1158	P	1.4
7	☐	500.000	489.390	380188.55	0.2309	P	1.7
8	☐	1000.000	1007.695	760086.14	0.4749	P	1.1
9	☐			37077.17	0.0242	P	6.9

$$y = 4.7078\text{E-}004 * x + 4.9229\text{E-}004$$

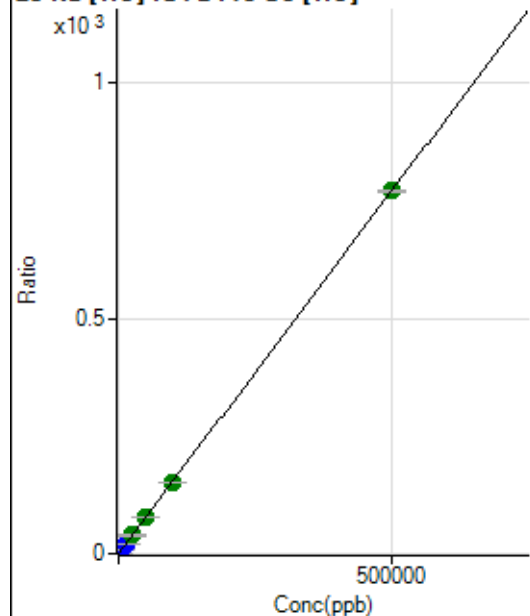
$$R = 0.9999$$

$$DL = 0.1862$$

$$BEC = 1.046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11404.81	0.0556	P	6.0
2	☐	50.000					
3	☐	500.000	462.828	157358.87	0.7680	P	1.9
4	☐	5000.000	5112.218	1601300.85	7.9249	P	2.7
5	☐	12500.000	13091.784	4005459.64	20.2079	P	0.9
6	☐	25000.000	25162.254	7772982.90	38.7882	A	0.4
7	☐	50000.000	50192.330	15462024.83	77.3173	A	0.9
8	☐	100000.00	98118.146	31146415.97	151.0901	A	1.1
9	☐	500000.00	500333.14	161236549.4	770.2245	A	0.5

$$y = 0.0015 * x + 0.0556$$

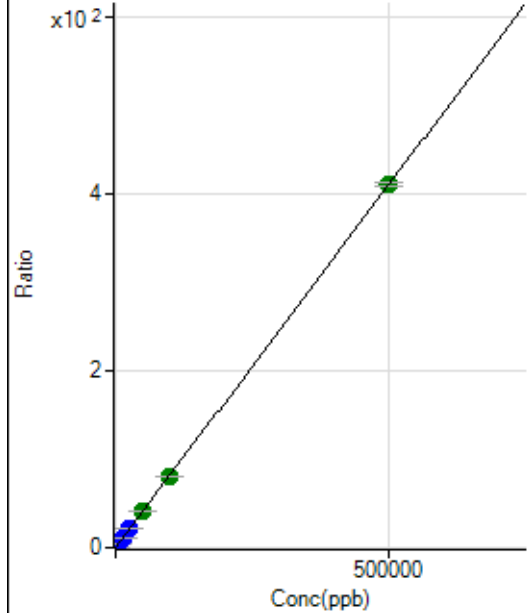
$$R = 1.0000$$

$$DL = 6.5$$

$$BEC = 36.12$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4059.05	0.0198	P	7.4
2	☐	50.000					
3	☐	500.000	453.784	80276.14	0.3918	P	1.2
4	☐	5000.000	5167.301	860050.57	4.2558	P	1.9
5	☐	12500.000	13060.464	2126113.22	10.7265	P	0.9
6	☐	25000.000	25904.417	4259489.29	21.2557	P	0.7
7	☐	50000.000	50727.161	8320419.80	41.6049	A	0.2
8	☐	100000.00	98127.847	16587242.73	80.4630	A	0.8
9	☐	500000.00	500240.85	85847753.31	410.1070	A	1.0

$$y = 8.1978\text{E-}004 * x + 0.0198$$

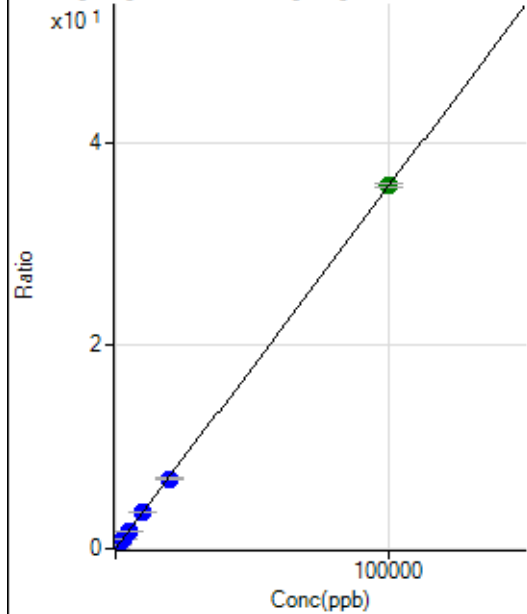
$$R = 1.0000$$

$$DL = 5.343$$

$$BEC = 24.14$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0007	P	3.3
2	☐	2.000					
3	☐	20.000	18.589	1502.92	0.0073	P	6.8
4	☐	1000.000	1007.251	72780.36	0.3602	P	2.2
5	☐	2500.000	2527.366	178921.81	0.9026	P	0.9
6	☐	5000.000	4964.834	355188.37	1.7725	P	1.0
7	☐	10000.000	9898.180	706554.07	3.5331	P	0.4
8	☐	20000.000	19367.238	1424950.19	6.9123	P	0.7
9	☐	100000.00	100137.73	7481406.94	35.7367	A	0.9

$$y = 3.5687\text{E-}004 * x + 7.0427\text{E-}004$$

$$R = 1.0000$$

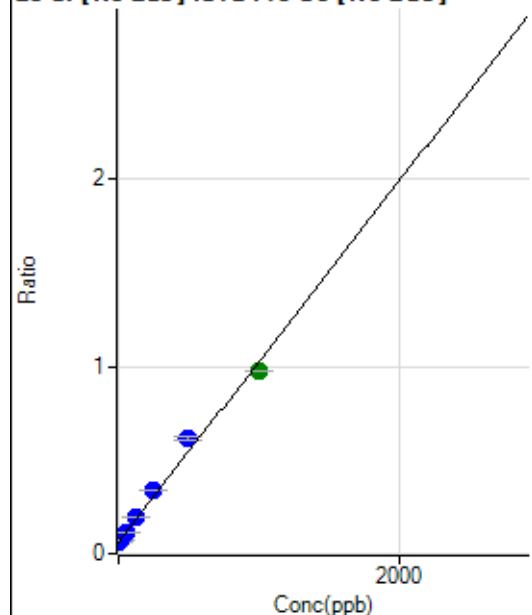
$$DL = 0.1937$$

$$BEC = 1.973$$

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	299420.76	0.0624	P	1.2
2	☐	1.000					
3	☐	10.000	8.451	339998.64	0.0705	P	2.1
4	☐	50.000	56.946	557057.54	0.1172	P	1.3
5	☐	125.000	136.538	947475.17	0.1939	P	3.2
6	☐	250.000	288.228	1603367.17	0.3400	P	0.8
7	☐	500.000	576.023	2908381.01	0.6172	P	2.4
8	☐	1000.000	950.657	4623509.87	0.9780	A	0.3
9	☐			377127.27	0.0810	P	0.4

$$y = 9.6310E-004 * x + 0.0624$$

$$R = 0.9945$$

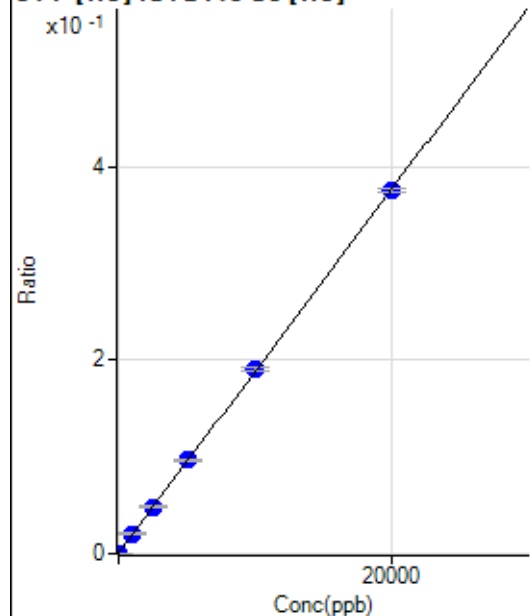
$$DL = 2.292$$

$$BEC = 64.79$$

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	-4.389	119.45	0.0006	P	28.1
2	☐	0.000					
3	☐	0.000	4.389	152.79	0.0007	P	35.8
4	☐	1000.000	1052.409	4131.32	0.0204	P	5.6
5	☐	2500.000	2532.481	9564.57	0.0483	P	2.8
6	☐	5000.000	5108.688	19371.53	0.0967	P	2.8
7	☐	10000.000	10075.039	37999.59	0.1900	P	2.1
8	☐	20000.000	19928.628	77347.94	0.3752	P	1.0
9	☐			177.79	0.0009	P	15.5

$$y = 1.8794E-005 * x + 6.6471E-004$$

$$R = 1.0000$$

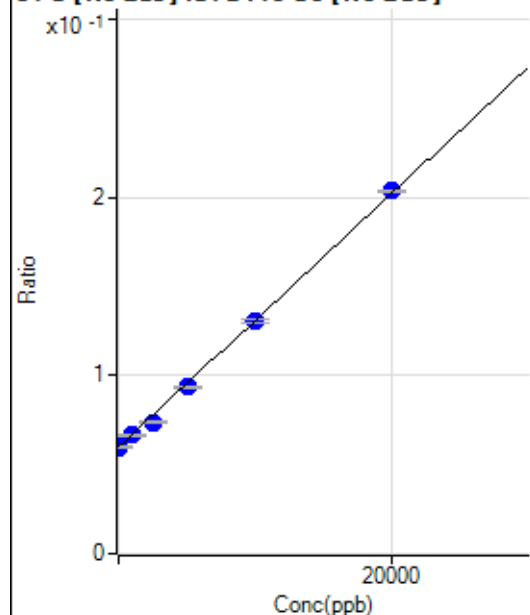
$$DL = 34.4$$

$$BEC = 35.37$$

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	24.257	288653.44	0.0602	P	0.7
2	☐	0.000					
3	☐	0.000	-24.257	288303.76	0.0598	P	1.2
4	☐	1000.000	913.548	315825.03	0.0665	P	1.8
5	☐	2500.000	1890.965	358886.33	0.0734	P	1.6
6	☐	5000.000	4728.522	441390.21	0.0936	P	1.0
7	☐	10000.000	9896.503	614250.34	0.1303	P	1.9
8	☐	20000.000	20200.070	962487.12	0.2036	P	0.5
9	☐			273791.03	0.0588	P	0.2

$$y = 7.1094\text{E-}006 * x + 0.0600$$

$$R = 0.9995$$

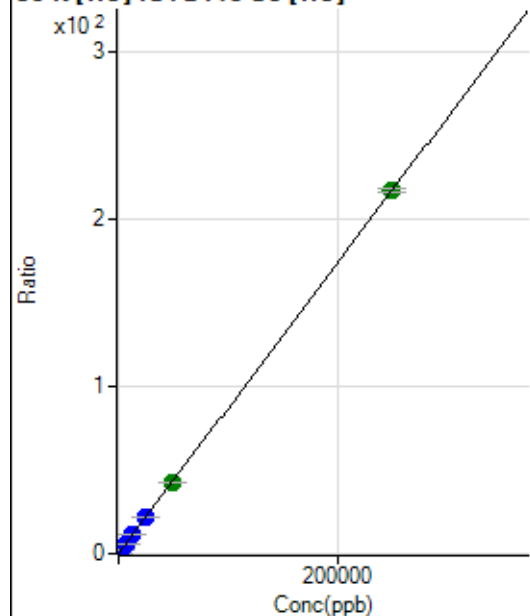
$$DL = 238.4$$

$$BEC = 8437$$

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	28656.33	0.1397	P	3.9
2	☐	50.000					
3	☐	500.000	455.235	109320.76	0.5336	P	2.5
4	☐	2500.000	2491.934	463910.43	2.2958	P	2.5
5	☐	6250.000	6328.693	1113031.92	5.6155	P	1.3
6	☐	12500.000	12485.598	2192828.98	10.9427	P	0.7
7	☐	25000.000	25308.143	4407069.81	22.0372	P	0.7
8	☐	50000.000	48978.610	8764853.58	42.5177	A	0.9
9	☐	250000.00	250172.38	45339410.04	216.5977	A	1.1

$$y = 8.6524\text{E-}004 * x + 0.1397$$

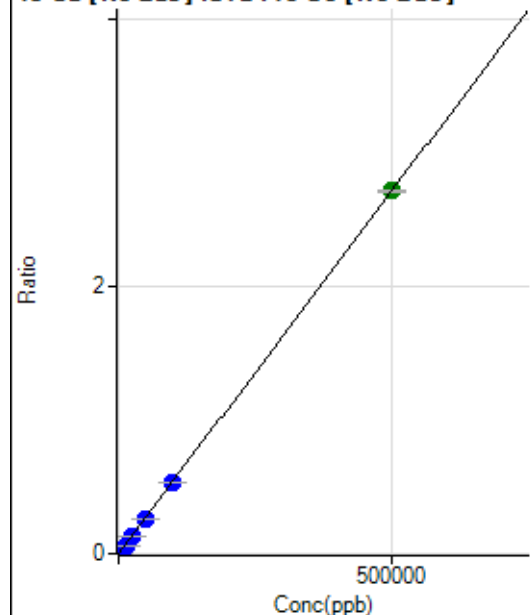
$$R = 1.0000$$

$$DL = 18.81$$

$$BEC = 161.5$$

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	361.13	0.0001	P	5.1
2	☐	50.000					
3	☐	500.000	417.776	11282.58	0.0023	P	5.5
4	☐	5000.000	4860.781	125640.78	0.0264	P	2.0
5	☐	12500.000	11780.920	312747.68	0.0640	P	1.9
6	☐	25000.000	24432.311	625404.97	0.1326	P	1.7
7	☐	50000.000	48627.117	1243617.90	0.2639	P	1.9
8	☐	100000.00	97418.763	2498938.55	0.5286	P	0.1
9	☐	500000.00	500701.37	12643603.75	2.7165	A	0.6

$$y = 5.4252\text{E-}006 * x + 7.5213\text{E-}005$$

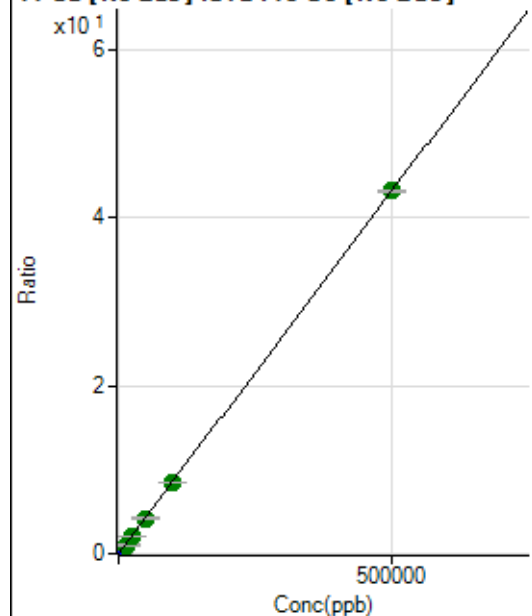
$$R = 1.0000$$

$$DL = 2.137$$

$$BEC = 13.86$$

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	8461.09	0.0018	P	2.6
2	☐	50.000					
3	☐	500.000	425.105	185353.24	0.0385	P	2.3
4	☐	5000.000	4952.045	2039262.35	0.4292	P	1.3
5	☐	12500.000	11854.364	5009327.98	1.0250	A	2.4
6	☐	25000.000	24563.140	10007031.21	2.1220	A	1.0
7	☐	50000.000	48795.148	19857542.29	4.2137	A	2.0
8	☐	100000.00	97494.392	39793459.92	8.4173	A	0.1
9	☐	500000.00	500660.14	201156348.9	43.2179	A	0.4

$$y = 8.6318\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

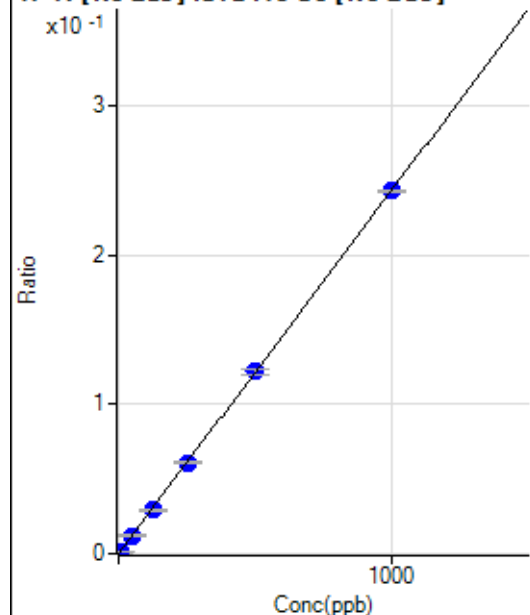
$$DL = 1.585$$

$$BEC = 20.42$$

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	133.34	0.0000	P	27.5
2	☐	0.500					
3	☐	5.000	4.301	5170.55	0.0011	P	2.4
4	☐	50.000	50.043	57903.35	0.0122	P	2.2
5	☐	125.000	120.419	143132.65	0.0293	P	2.6
6	☐	250.000	251.080	287838.54	0.0610	P	1.1
7	☐	500.000	502.044	574969.13	0.1220	P	2.8
8	☐	1000.000	999.282	1148046.95	0.2428	P	0.4
9	☐			2080.80	0.0004	P	5.7

$$y = 2.4299\text{E-}004 * x + 2.7740\text{E-}005$$

$$R = 1.0000$$

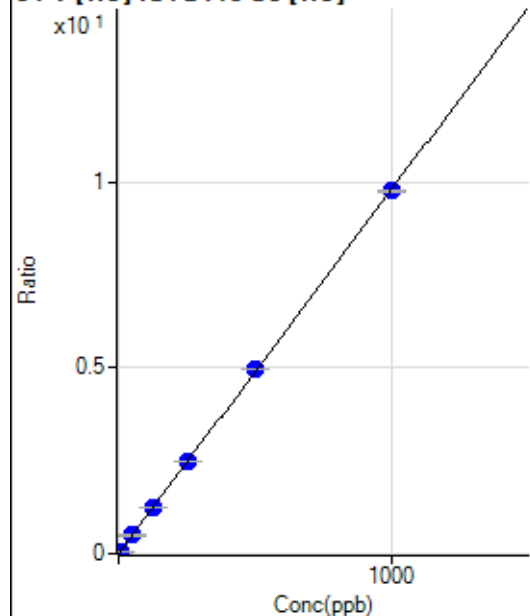
$$DL = 0.09412$$

$$BEC = 0.1142$$

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	10.00	0.0000	P	57.7
2	☐	0.500					
3	☐	5.000	4.493	9019.54	0.0440	P	3.4
4	☐	50.000	50.236	99371.38	0.4918	P	2.6
5	☐	125.000	127.277	246935.19	1.2459	P	1.7
6	☐	250.000	251.848	494013.38	2.4653	P	0.8
7	☐	500.000	506.077	990677.30	4.9538	P	0.4
8	☐	1000.000	996.206	2010250.42	9.7514	P	0.5
9	☐			1061.17	0.0051	P	2.2

$$y = 0.0098 * x + 4.8703\text{E-}005$$

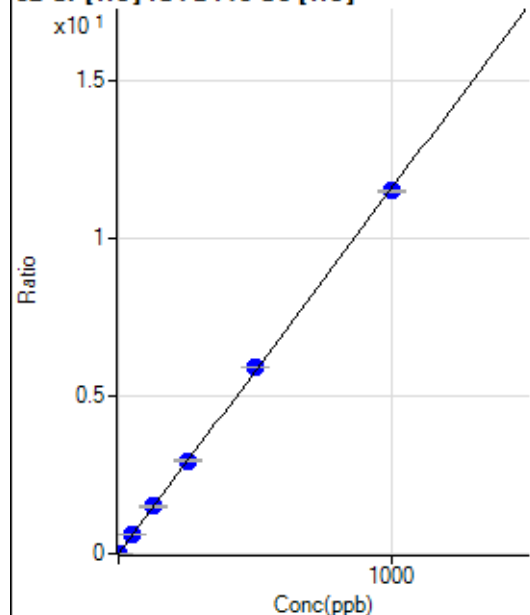
$$R = 1.0000$$

$$DL = 0.008608$$

$$BEC = 0.004976$$

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	444.46	0.0022	P	7.7
2	☐	0.200					
3	☐	2.000	1.973	5119.86	0.0250	P	3.0
4	☐	50.000	51.038	119634.77	0.5922	P	3.5
5	☐	125.000	129.000	296008.45	1.4934	P	0.8
6	☐	250.000	254.850	590779.59	2.9482	P	1.0
7	☐	500.000	509.661	1178647.14	5.8937	P	0.5
8	☐	1000.000	993.405	2367771.61	11.4857	P	0.5
9	☐			59703.59	0.2853	P	2.3

$$y = 0.0116 * x + 0.0022$$

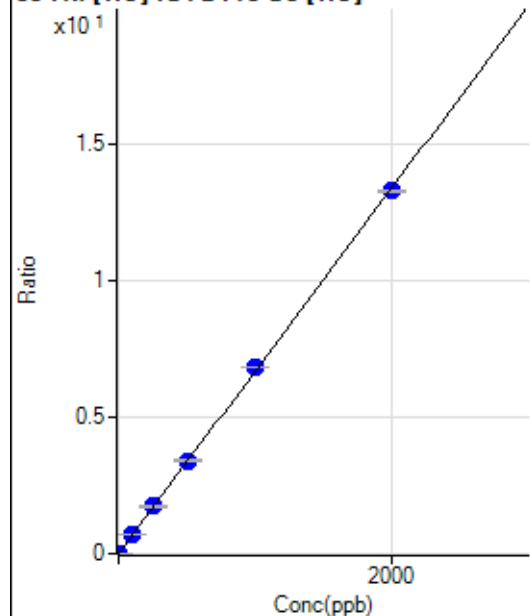
$$R = 0.9999$$

$$DL = 0.04327$$

$$BEC = 0.1874$$

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	712.25	0.0035	P	4.1
2	☐	0.100					
3	☐	1.000	0.907	1951.27	0.0095	P	5.1
4	☐	100.000	101.661	137713.24	0.6816	P	3.6
5	☐	250.000	257.678	341402.53	1.7224	P	1.1
6	☐	500.000	509.211	681399.37	3.4004	P	1.0
7	☐	1000.000	1020.317	1361884.96	6.8100	P	0.6
8	☐	2000.000	1986.496	2732571.97	13.2553	P	0.6
9	☐			12569.99	0.0600	P	0.3

$$y = 0.0067 * x + 0.0035$$

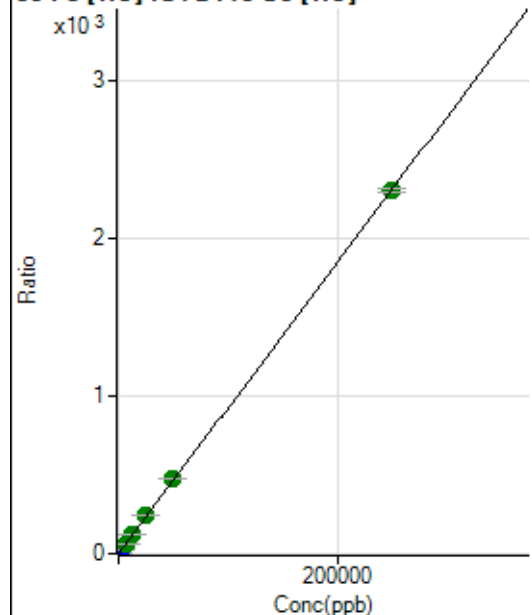
$$R = 0.9999$$

$$DL = 0.06378$$

$$BEC = 0.5205$$

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	5669.78	0.0276	P	2.8
2	☐	5.000					
3	☐	50.000	48.097	96438.54	0.4707	P	1.5
4	☐	2500.000	2724.729	5077004.57	25.1261	P	2.7
5	☐	6250.000	6750.186	12329306.18	62.2061	A	1.6
6	☐	12500.000	13245.805	24455076.47	122.0397	A	1.1
7	☐	25000.000	26504.921	48830742.76	244.1743	A	0.6
8	☐	50000.000	51218.281	97263879.95	471.8182	A	0.8
9	☐	250000.00	249553.81	481184673.7	2,298.760	A	1.1

$$y = 0.0092 * x + 0.0276$$

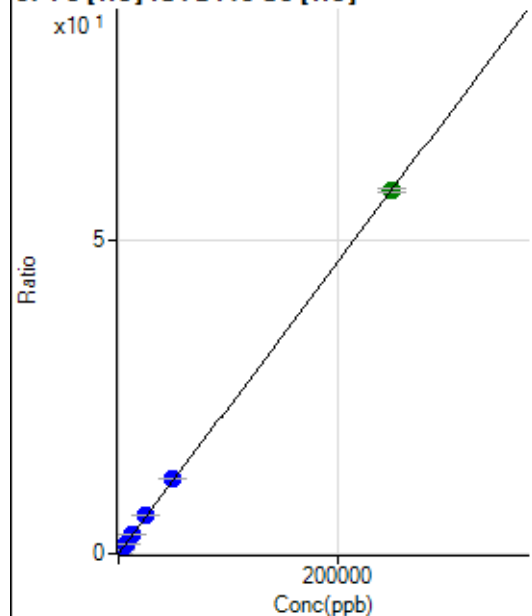
R = 1.0000

DL = 0.2505

BEC = 3.001

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	292.60	0.0014	P	3.1
2	☐	5.000					
3	☐	50.000	48.518	2598.45	0.0127	P	2.3
4	☐	2500.000	2629.529	123501.58	0.6113	P	3.3
5	☐	6250.000	6672.149	306995.46	1.5489	P	1.3
6	☐	12500.000	13128.012	610414.06	3.0461	P	0.8
7	☐	25000.000	26278.560	1219107.42	6.0961	P	0.7
8	☐	50000.000	51166.665	2446619.21	11.8682	P	0.6
9	☐	250000.00	249595.56	12117575.97	57.8886	A	1.0

$$y = 2.3192E-004 * x + 0.0014$$

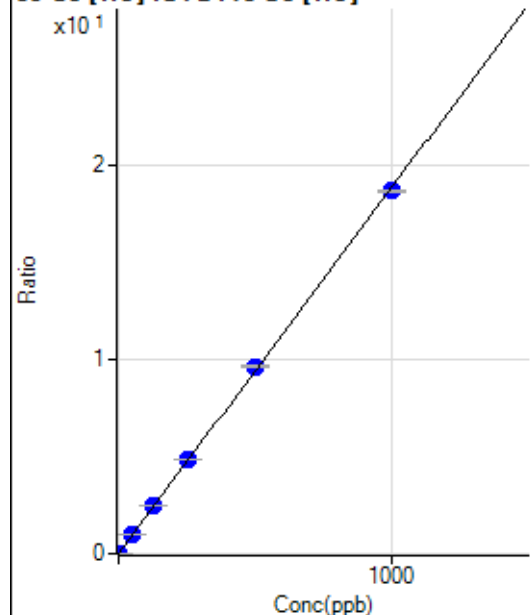
R = 1.0000

DL = 0.5676

BEC = 6.151

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	106.67	0.0005	P	9.4
2	☐	0.100					
3	☐	1.000	0.938	3730.54	0.0182	P	2.4
4	☐	50.000	52.098	198684.74	0.9832	P	2.2
5	☐	125.000	130.951	489688.30	2.4706	P	1.1
6	☐	250.000	257.062	971762.62	4.8493	P	0.6
7	☐	500.000	511.699	1930299.43	9.6524	P	0.9
8	☐	1000.000	991.536	3855717.16	18.7032	P	0.2
9	☐			6741.66	0.0322	P	2.2

$$y = 0.0189 * x + 5.2010E-004$$

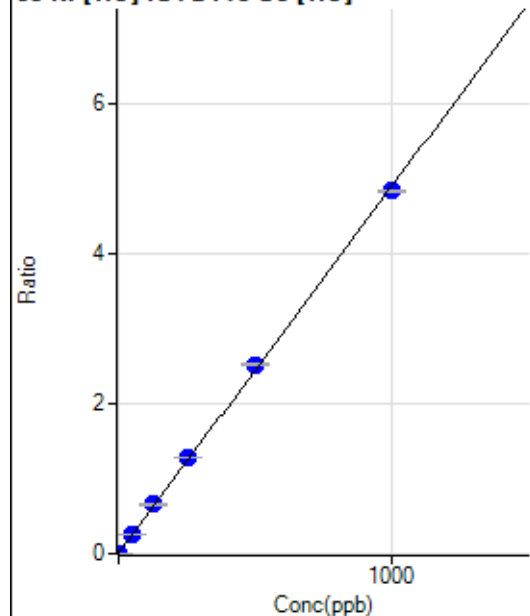
$$R = 0.9999$$

$$DL = 0.007779$$

$$BEC = 0.02757$$

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	808.93	0.0039	P	8.6
2	☐	0.100					
3	☐	1.000	1.009	1816.81	0.0089	P	4.6
4	☐	50.000	53.228	53312.15	0.2638	P	2.8
5	☐	125.000	133.569	130052.52	0.6561	P	1.2
6	☐	250.000	261.337	256505.71	1.2800	P	0.6
7	☐	500.000	514.419	503112.11	2.5158	P	0.8
8	☐	1000.000	988.724	996076.14	4.8317	P	0.2
9	☐			15977.80	0.0763	P	2.2

$$y = 0.0049 * x + 0.0039$$

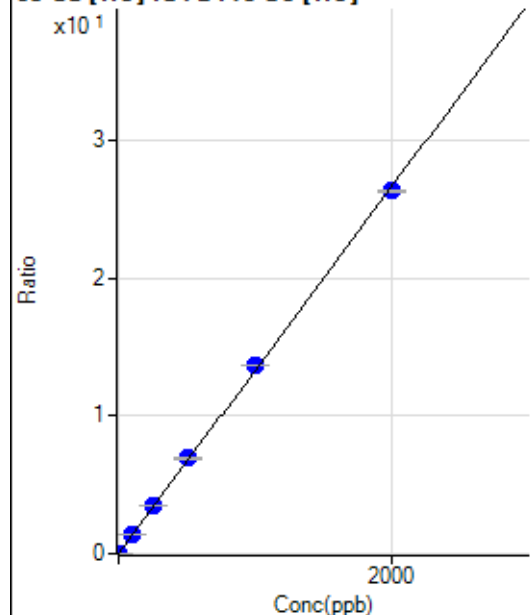
$$R = 0.9998$$

$$DL = 0.2083$$

$$BEC = 0.8077$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	785.59	0.0038	P	8.1
2	☐	0.200					
3	☐	2.000	2.134	6611.58	0.0323	P	1.6
4	☐	100.000	105.140	283863.24	1.4049	P	2.9
5	☐	250.000	265.165	701108.98	3.5373	P	1.4
6	☐	500.000	520.104	1389615.26	6.9345	P	0.7
7	☐	1000.000	1028.588	2741829.51	13.7103	P	0.7
8	☐	2000.000	1978.527	5435928.18	26.3688	P	0.5
9	☐			12021.76	0.0574	P	0.8

$$y = 0.0133 * x + 0.0038$$

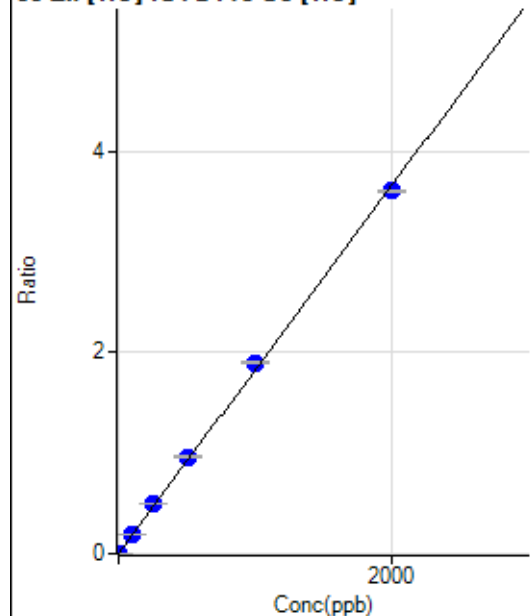
$$R = 0.9998$$

$$DL = 0.06998$$

$$BEC = 0.2874$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.00	0.0010	P	19.1
2	☐	0.200					
3	☐	2.000	2.257	1044.50	0.0051	P	4.2
4	☐	100.000	107.265	39795.36	0.1970	P	3.3
5	☐	250.000	268.925	97589.92	0.4924	P	1.4
6	☐	500.000	525.381	192563.23	0.9610	P	1.0
7	☐	1000.000	1035.847	378701.34	1.8937	P	1.0
8	☐	2000.000	1973.002	743381.98	3.6060	P	0.7
9	☐			5268.82	0.0252	P	1.6

$$y = 0.0018 * x + 9.7494E-004$$

$$R = 0.9997$$

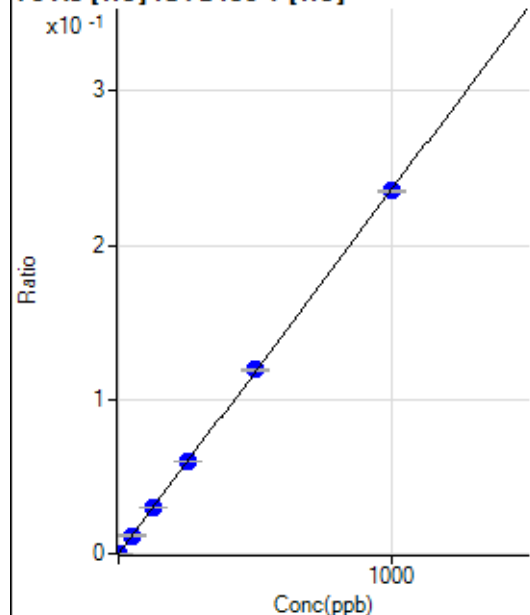
$$DL = 0.3054$$

$$BEC = 0.5336$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.49	0.0000	P	41.0
2	☐	0.100					
3	☐	1.000	0.984	293.22	0.0002	P	10.5
4	☐	50.000	50.090	14226.79	0.0118	P	1.7
5	☐	125.000	125.510	35482.73	0.0296	P	0.9
6	☐	250.000	251.968	71414.11	0.0594	P	0.6
7	☐	500.000	505.173	142358.90	0.1191	P	0.9
8	☐	1000.000	996.853	284604.13	0.2351	P	0.3
9	☐			233.34	0.0002	P	2.5

$$y = 2.3584E-004 * x + 8.6515E-006$$

$$R = 1.0000$$

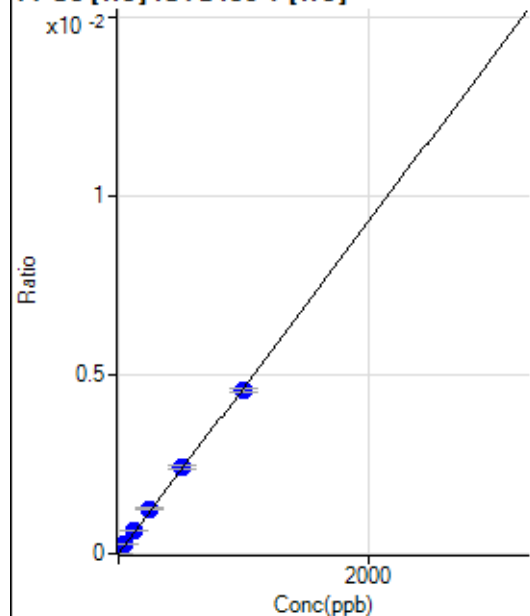
$$DL = 0.04509$$

$$BEC = 0.03668$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.529	20.00	0.0000	P	44.1
4	☐	50.000	56.600	316.67	0.0003	P	12.8
5	☐	125.000	138.850	774.48	0.0006	P	0.5
6	☐	250.000	268.008	1498.99	0.0012	P	3.8
7	☐	500.000	520.776	2895.89	0.0024	P	5.6
8	☐	1000.000	983.056	5538.94	0.0046	P	2.4
9	☐			6.67	0.0000	P	100.

$$y = 4.6543E-006 * x + 0.0000E+000$$

$$R = 0.9994$$

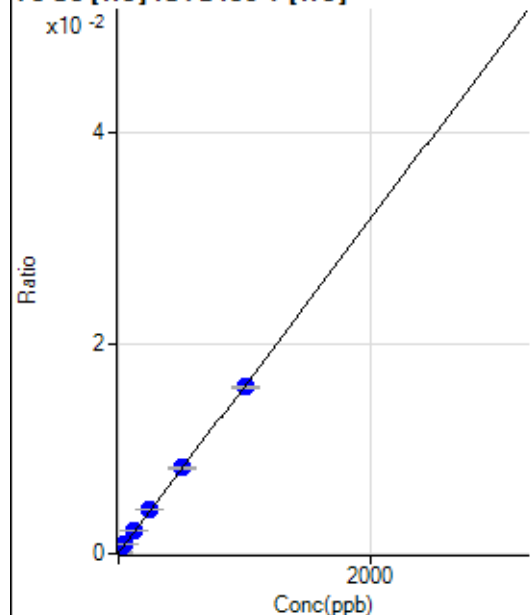
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.35	0.0001	P	4.0
2	☐	0.500					
3	☐	5.000	4.517	150.00	0.0001	P	12.8
4	☐	50.000	51.146	1040.79	0.0009	P	5.0
5	☐	125.000	131.543	2569.39	0.0021	P	1.1
6	☐	250.000	259.761	5027.45	0.0042	P	0.9
7	☐	500.000	508.711	9731.11	0.0081	P	1.8
8	☐	1000.000	992.332	19172.62	0.0158	P	1.3
9	☐			85.19	0.0001	P	18.7

$$y = 1.5909\text{E-}005 * x + 5.1341\text{E-}005$$

$$R = 0.9999$$

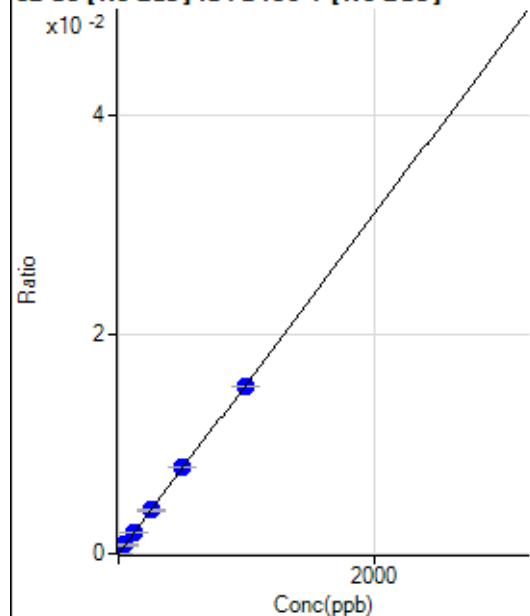
$$DL = 0.3857$$

$$BEC = 3.227$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.72	0.0000	P	839.
2	☐	0.500					
3	☐	5.000	4.577	617.70	0.0001	P	8.4
4	☐	50.000	51.124	6560.97	0.0008	P	1.9
5	☐	125.000	125.231	16403.78	0.0019	P	2.2
6	☐	250.000	255.880	32743.30	0.0040	P	1.0
7	☐	500.000	512.553	65171.08	0.0079	P	0.8
8	☐	1000.000	992.171	126502.59	0.0153	P	0.3
9	☐			143.46	0.0000	P	39.4

$$y = 1.5437\text{E-}005 * x + 2.7191\text{E-}006$$

$$R = 0.9999$$

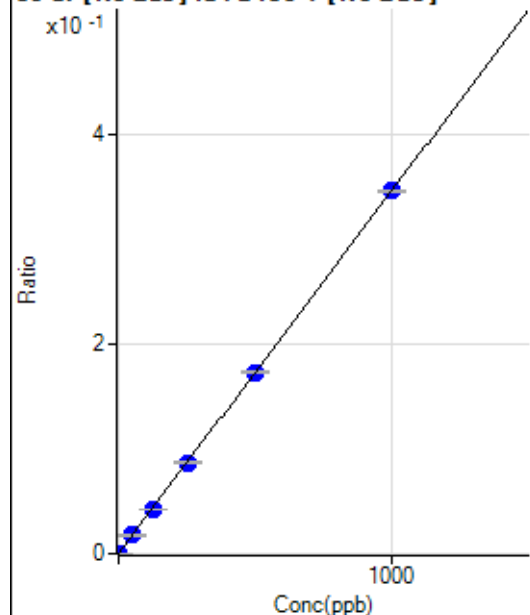
$$DL = 4.437$$

$$BEC = 0.1761$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1744.63	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.817	4128.55	0.0005	P	5.2
4	☐	50.000	49.952	144719.08	0.0175	P	1.8
5	☐	125.000	121.927	358728.71	0.0423	P	2.2
6	☐	250.000	250.539	718821.74	0.0868	P	0.9
7	☐	500.000	499.423	1422518.90	0.1728	P	1.3
8	☐	1000.000	1000.541	2856606.66	0.3459	P	0.2
9	☐			95988.74	0.0121	P	0.9

$$y = 3.4553\text{E-}004 * x + 2.0812\text{E-}004$$

$$R = 1.0000$$

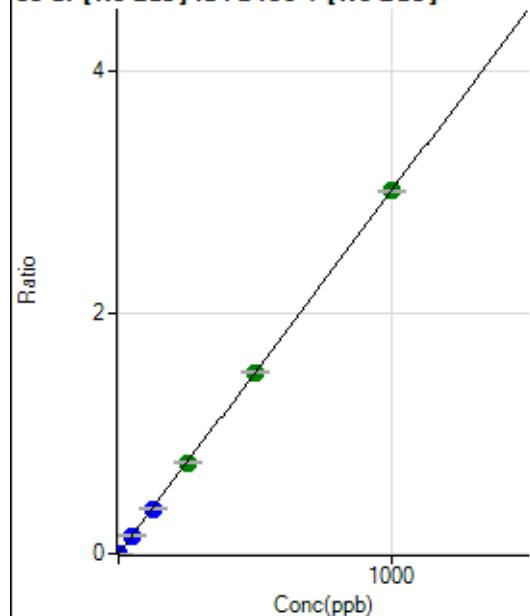
$$DL = 0.09355$$

$$BEC = 0.6023$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.59	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.944	24352.05	0.0029	P	2.6
4	☐	50.000	50.315	1254071.56	0.1514	P	1.2
5	☐	125.000	123.210	3139636.49	0.3706	P	2.7
6	☐	250.000	250.803	6248049.27	0.7543	A	0.8
7	☐	500.000	500.284	12387806.26	1.5045	A	0.6
8	☐	1000.000	999.865	24830128.51	3.0068	A	0.5
9	☐			819462.89	0.1036	P	0.3

$$y = 0.0030 * x + 5.7322\text{E-}005$$

$$R = 1.0000$$

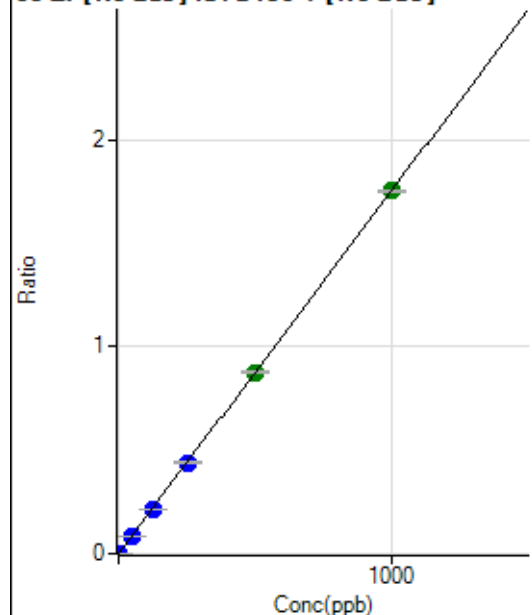
$$DL = 0.002588$$

$$BEC = 0.01906$$

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	608.38	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.903	13918.47	0.0017	P	1.3
4	☐	50.000	49.231	715107.83	0.0863	P	0.9
5	☐	125.000	120.996	1796431.29	0.2120	P	2.3
6	☐	250.000	251.058	3643427.69	0.4398	P	1.1
7	☐	500.000	500.640	7221033.93	0.8770	A	1.4
8	☐	1000.000	999.955	14464813.87	1.7517	A	0.5
9	☐			5162.25	0.0007	P	5.3

$$y = 0.0018 * x + 7.2526E-005$$

$$R = 1.0000$$

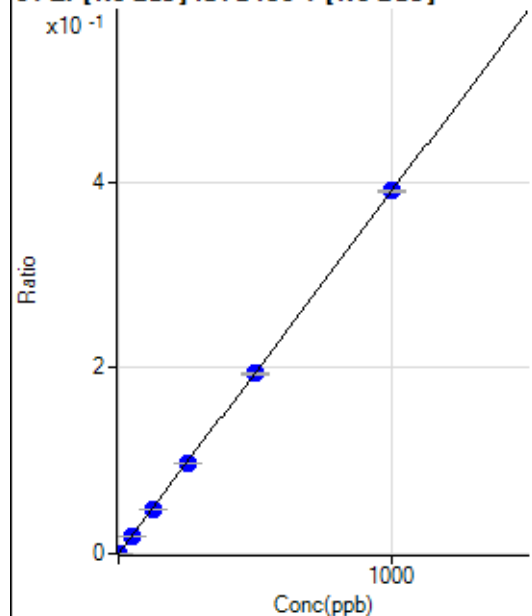
$$DL = 0.004958$$

$$BEC = 0.0414$$

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	125.01	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	0.904	3089.36	0.0004	P	6.2
4	☐	50.000	49.378	159645.53	0.0193	P	1.7
5	☐	125.000	121.410	401270.00	0.0474	P	2.2
6	☐	250.000	249.925	807384.83	0.0975	P	1.0
7	☐	500.000	498.019	1599043.33	0.1942	P	1.0
8	☐	1000.000	1001.489	3224914.31	0.3905	P	0.4
9	☐			1230.67	0.0002	P	3.9

$$y = 3.8993E-004 * x + 1.4906E-005$$

$$R = 1.0000$$

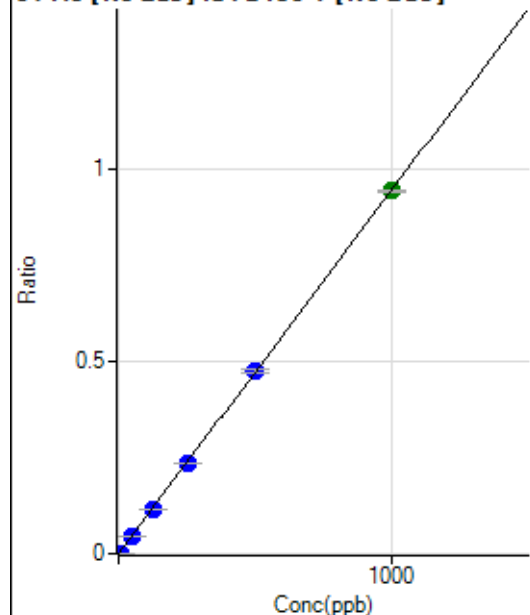
$$DL = 0.01531$$

$$BEC = 0.03823$$

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	283.35	0.0000	P	7.6
2	☐	0.500					
3	☐	5.000	1.958	15812.10	0.0019	P	2.0
4	☐	50.000	49.298	385453.65	0.0465	P	1.0
5	☐	125.000	121.013	967257.91	0.1141	P	1.9
6	☐	250.000	250.365	1956055.92	0.2361	P	0.6
7	☐	500.000	503.904	3912609.29	0.4752	P	1.7
8	☐	1000.000	998.506	7775961.11	0.9416	A	0.3
9	☐			13565.31	0.0017	P	0.3

$$y = 9.4301\text{E-}004 * x + 3.3786\text{E-}005$$

$$R = 1.0000$$

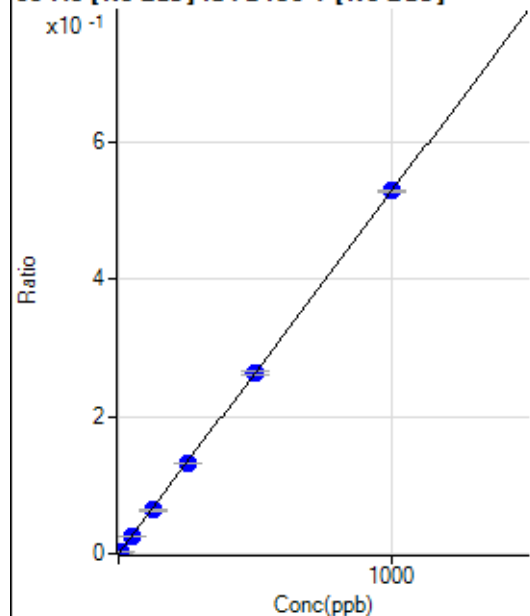
$$DL = 0.008219$$

$$BEC = 0.03583$$

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	77.78	0.0000	P	33.6
2	☐	0.500					
3	☐	5.000	4.344	19394.47	0.0023	P	3.2
4	☐	50.000	49.774	218103.37	0.0263	P	0.9
5	☐	125.000	120.904	541632.96	0.0639	P	2.7
6	☐	250.000	249.447	1092473.61	0.1319	P	1.1
7	☐	500.000	498.481	2169843.23	0.2635	P	1.6
8	☐	1000.000	1001.424	4371980.00	0.5294	P	0.7
9	☐			20106.53	0.0025	P	1.3

$$y = 5.2868\text{E-}004 * x + 9.3000\text{E-}006$$

$$R = 1.0000$$

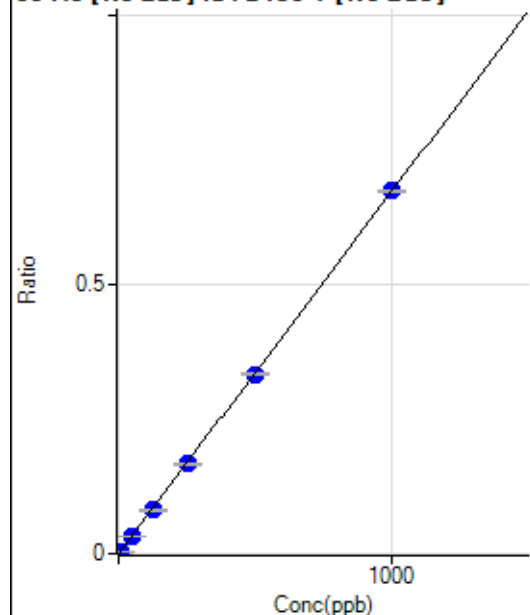
$$DL = 0.01775$$

$$BEC = 0.01759$$

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	113.90	0.0000	P	18.1
2	☐	0.500					
3	☐	5.000	3.734	21241.55	0.0025	P	1.9
4	☐	50.000	49.193	274318.22	0.0331	P	1.3
5	☐	125.000	120.112	684775.10	0.0808	P	2.7
6	☐	250.000	248.560	1385325.17	0.1672	P	1.2
7	☐	500.000	496.337	2749475.99	0.3339	P	1.3
8	☐	1000.000	1002.849	5571595.05	0.6747	P	0.5
9	☐			27972.75	0.0035	P	1.6

$$y = 6.7278\text{E-}004 * x + 1.3603\text{E-}005$$

$$R = 1.0000$$

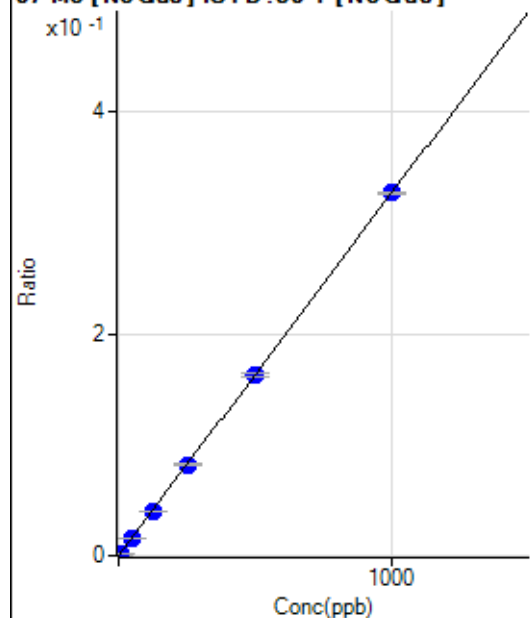
$$DL = 0.01095$$

$$BEC = 0.02022$$

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	80.56	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.535	12539.37	0.0015	P	3.7
4	☐	50.000	49.185	133214.38	0.0161	P	1.7
5	☐	125.000	121.916	337568.25	0.0398	P	2.5
6	☐	250.000	250.289	677431.98	0.0818	P	1.4
7	☐	500.000	499.085	1342593.12	0.1631	P	1.6
8	☐	1000.000	1000.814	2700234.44	0.3270	P	0.3
9	☐			12272.48	0.0016	P	3.9

$$y = 3.2671\text{E-}004 * x + 9.6190\text{E-}006$$

$$R = 1.0000$$

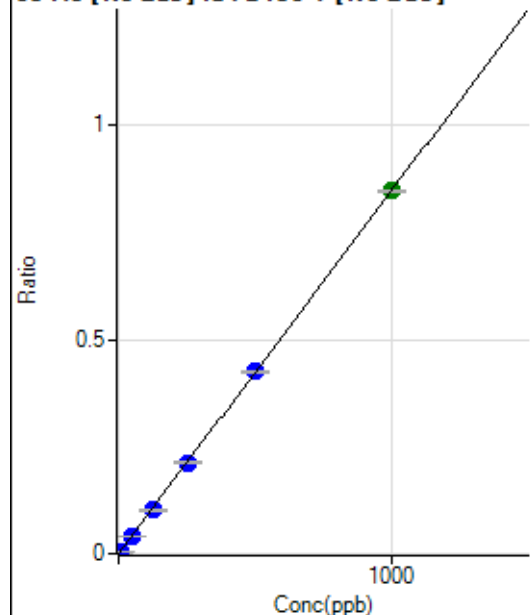
$$DL = 0.01491$$

$$BEC = 0.02944$$

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	105.56	0.0000	P	32.0
2	☐	0.500					
3	☐	5.000	4.311	30853.92	0.0037	P	3.0
4	☐	50.000	49.629	348814.00	0.0421	P	1.8
5	☐	125.000	120.513	866112.88	0.1022	P	2.3
6	☐	250.000	250.416	1759299.08	0.2124	P	1.3
7	☐	500.000	501.645	3503008.15	0.4255	P	1.2
8	☐	1000.000	999.656	7001052.33	0.8478	A	0.7
9	☐			31516.34	0.0040	P	1.0

$$y = 8.4810\text{E-}004 * x + 1.2560\text{E-}005$$

$$R = 1.0000$$

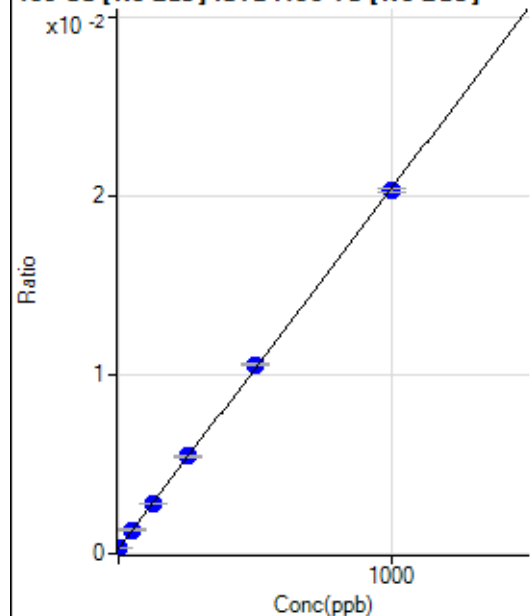
$$DL = 0.01421$$

$$BEC = 0.01481$$

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	3294.98	0.0003	P	4.4
2	☐	0.100					
3	☐	1.000	-0.294	3236.63	0.0003	P	1.3
4	☐	50.000	51.219	14713.73	0.0013	P	3.2
5	☐	125.000	124.178	31438.73	0.0028	P	1.9
6	☐	250.000	256.264	60265.21	0.0055	P	2.8
7	☐	500.000	510.479	116836.50	0.0106	P	1.1
8	☐	1000.000	993.237	222260.57	0.0203	P	1.1
9	☐			2758.73	0.0003	P	7.8

$$y = 2.0151\text{E-}005 * x + 2.9517\text{E-}004$$

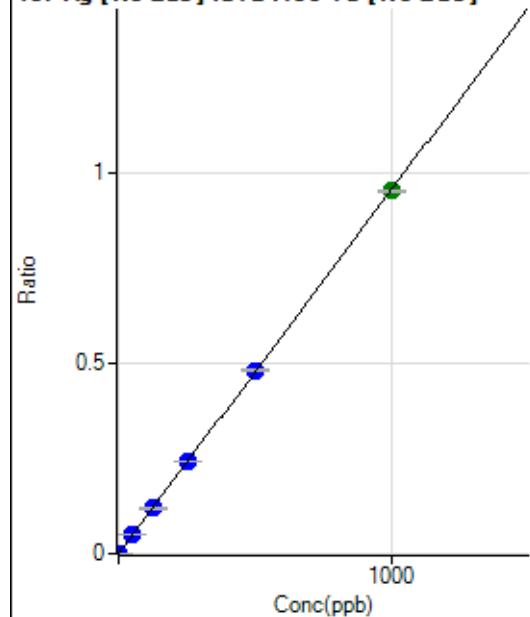
$$R = 0.9999$$

$$DL = 1.945$$

$$BEC = 14.65$$

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	86.12	0.0000	P	34.0
2	☐	0.100					
3	☐	1.000	1.191	12839.67	0.0011	P	5.5
4	☐	50.000	51.534	547096.99	0.0494	P	1.6
5	☐	125.000	124.994	1344879.25	0.1197	P	2.2
6	☐	250.000	254.798	2693779.36	0.2440	P	1.1
7	☐	500.000	503.822	5326660.45	0.4824	P	1.0
8	☐	1000.000	996.813	10445409.26	0.9545	A	0.6
9	☐			1939.11	0.0002	P	12.1

$$y = 9.5754\text{E-}004 * x + 7.7101\text{E-}006$$

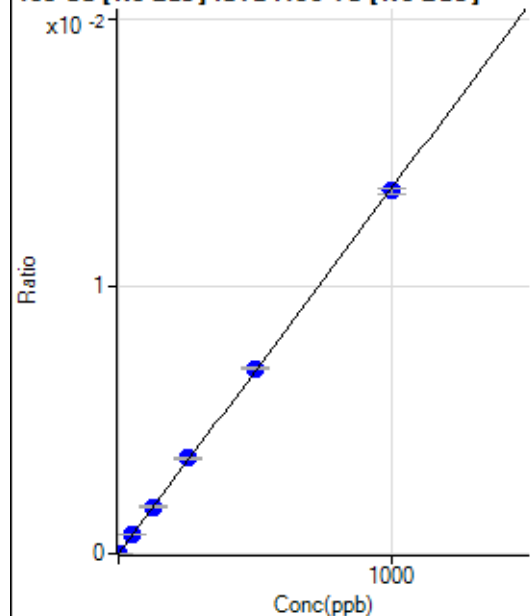
$$R = 1.0000$$

$$DL = 0.008205$$

$$BEC = 0.008052$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	65.7
2	☐	0.100					
3	☐	1.000	1.016	165.28	0.0000	P	21.5
4	☐	50.000	52.332	7941.28	0.0007	P	1.1
5	☐	125.000	128.716	19776.60	0.0018	P	4.0
6	☐	250.000	260.784	39372.95	0.0036	P	2.2
7	☐	500.000	507.068	76548.42	0.0069	P	1.7
8	☐	1000.000	993.189	148605.14	0.0136	P	1.5
9	☐			47.22	0.0000	P	18.6

$$y = 1.3672\text{E-}005 * x + 8.7055\text{E-}007$$

$$R = 0.9999$$

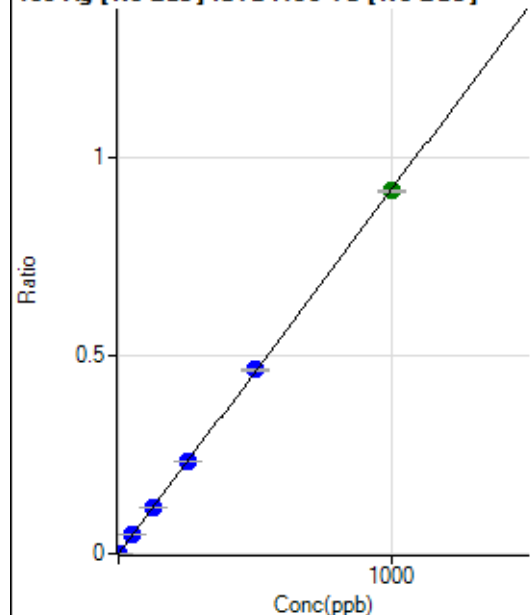
$$DL = 0.1255$$

$$BEC = 0.06367$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	113.
2	☐	0.100					
3	☐	1.000	1.210	12478.26	0.0011	P	3.7
4	☐	50.000	51.425	523493.09	0.0472	P	1.2
5	☐	125.000	125.914	1299019.99	0.1156	P	2.5
6	☐	250.000	254.276	2577784.08	0.2335	P	1.2
7	☐	500.000	504.593	5115244.17	0.4633	P	2.0
8	☐	1000.000	996.449	10012550.31	0.9149	A	0.4
9	☐			1830.77	0.0002	P	11.2

$$y = 9.1820\text{E-}004 * x + 4.2438\text{E-}006$$

$$R = 1.0000$$

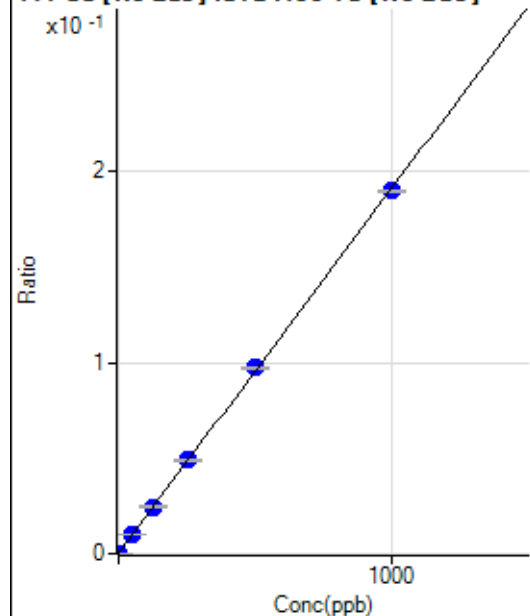
$$DL = 0.01573$$

$$BEC = 0.004622$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2306.62	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	0.882	4194.58	0.0004	P	3.3
4	☐	50.000	51.604	111390.35	0.0100	P	2.0
5	☐	125.000	126.834	274106.79	0.0244	P	2.7
6	☐	250.000	256.304	541971.91	0.0491	P	2.0
7	☐	500.000	508.875	1073866.21	0.0973	P	1.5
8	☐	1000.000	993.677	2076273.91	0.1897	P	0.4
9	☐			2464.75	0.0002	P	5.7

$$y = 1.9073\text{E-}004 * x + 2.0663\text{E-}004$$

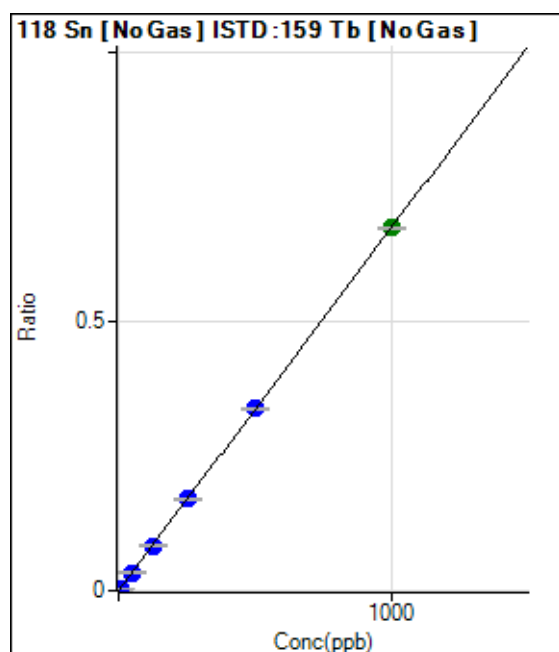
$$R = 0.9999$$

$$DL = 0.1532$$

$$BEC = 1.083$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1086.20	0.0001	P	9.3
2	☐	0.500					
3	☐	5.000	4.403	34326.08	0.0031	P	4.0
4	☐	50.000	50.038	375444.55	0.0339	P	1.4
5	☐	125.000	122.954	933435.29	0.0831	P	2.5
6	☐	250.000	251.560	1875522.59	0.1699	P	1.4
7	☐	500.000	501.211	3735819.96	0.3384	P	1.7
8	☐	1000.000	999.261	7381374.38	0.6745	A	0.3
9	☐			11282.79	0.0011	P	3.9

$$y = 6.7491\text{E-}004 * x + 9.7230\text{E-}005$$

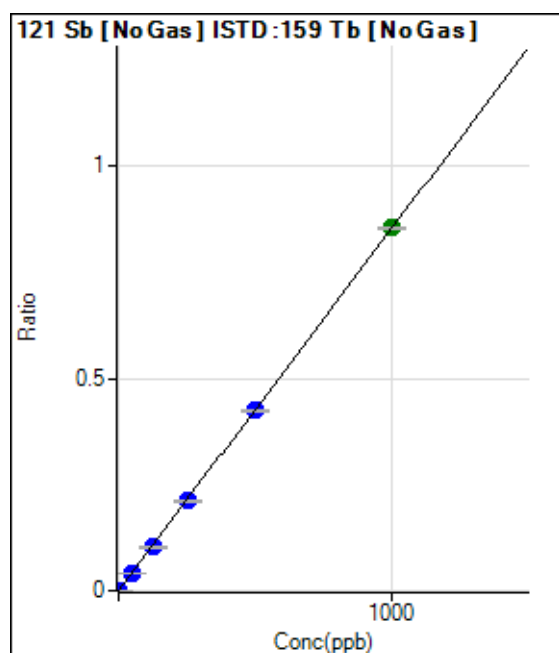
$$R = 1.0000$$

$$DL = 0.04002$$

$$BEC = 0.1441$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.90	0.0000	P	38.6
2	☐	0.200					
3	☐	2.000	1.797	17205.70	0.0015	P	3.6
4	☐	50.000	48.542	458387.55	0.0413	P	1.1
5	☐	125.000	120.258	1150650.81	0.1024	P	3.1
6	☐	250.000	248.622	2337753.35	0.2117	P	1.3
7	☐	500.000	497.086	4673958.78	0.4233	P	1.8
8	☐	1000.000	1002.467	9342737.79	0.8537	A	0.6
9	☐			32009.64	0.0031	P	2.9

$$y = 8.5163\text{E-}004 * x + 7.9735\text{E-}006$$

$$R = 1.0000$$

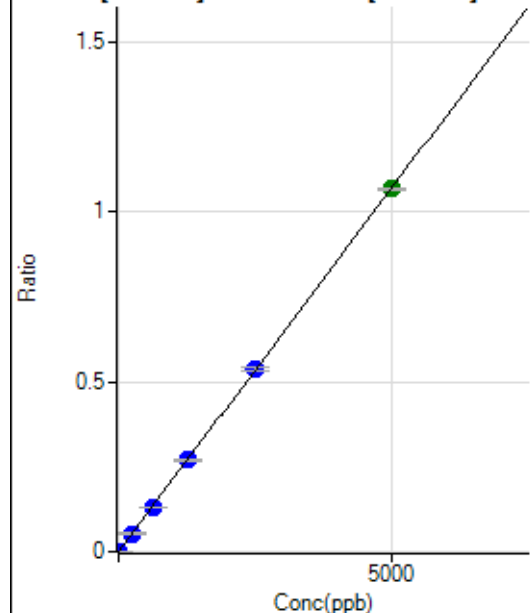
$$DL = 0.01084$$

$$BEC = 0.009363$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	27.5
2	☐	1.000					
3	☐	10.000	8.746	20966.57	0.0019	P	3.5
4	☐	250.000	249.265	590449.08	0.0533	P	1.8
5	☐	625.000	613.766	1473504.08	0.1311	P	2.4
6	☐	1250.000	1258.321	2968435.27	0.2689	P	1.2
7	☐	2500.000	2515.092	5933355.82	0.5374	P	1.3
8	☐	5000.000	4991.817	11672020.66	1.0666	A	0.2
9	☐			5287.34	0.0005	P	3.7

$$y = 2.1367\text{E-}004 * x + 5.4643\text{E-}006$$

$$R = 1.0000$$

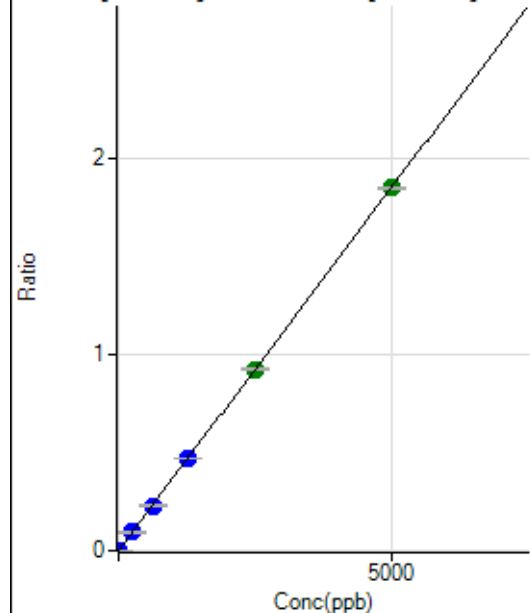
$$DL = 0.0211$$

$$BEC = 0.02557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	41.2
2	☐	1.000					
3	☐	10.000	8.913	36966.97	0.0033	P	1.8
4	☐	250.000	251.683	1032184.88	0.0931	P	1.6
5	☐	625.000	618.467	2570464.14	0.2288	P	2.9
6	☐	1250.000	1275.421	5209342.56	0.4718	P	1.1
7	☐	2500.000	2498.204	10204071.58	0.9242	A	1.1
8	☐	5000.000	4995.277	20222823.02	1.8479	A	0.5
9	☐			9220.12	0.0009	P	3.5

$$y = 3.6994\text{E-}004 * x + 6.2068\text{E-}006$$

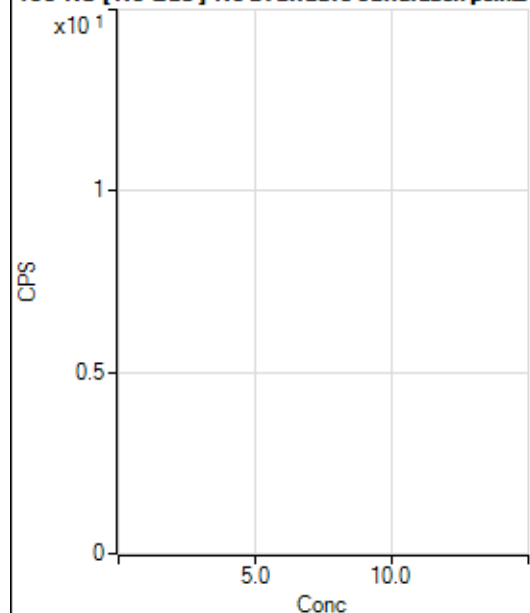
$$R = 1.0000$$

$$DL = 0.02073$$

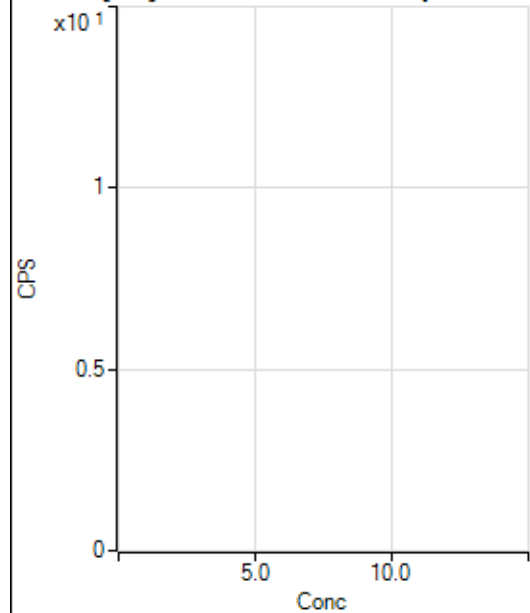
$$BEC = 0.01678$$

Weight: <None>

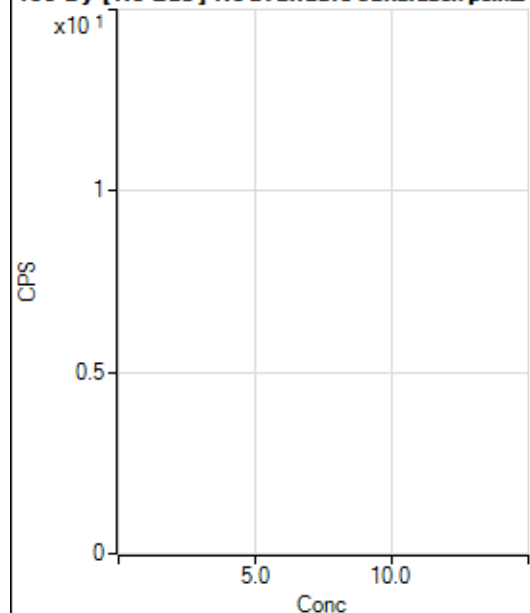
Min Conc: 0

150 Nd [No Gas] No available calibration points

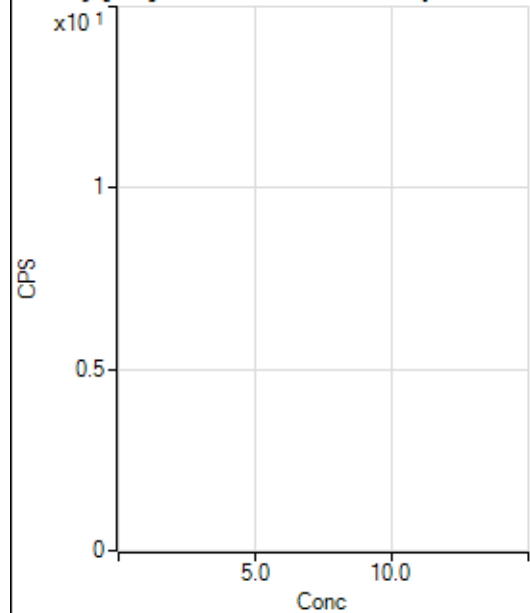
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			13.34		P	86.6
4	☐			57.78		P	6.7
5	☐			106.67		P	22.5
6	☐			208.90		P	9.7
7	☐			504.47		P	15.3
8	☐			1015.63		P	4.9
9	☐			120.01		P	20.0

150 Nd [He] No available calibration points

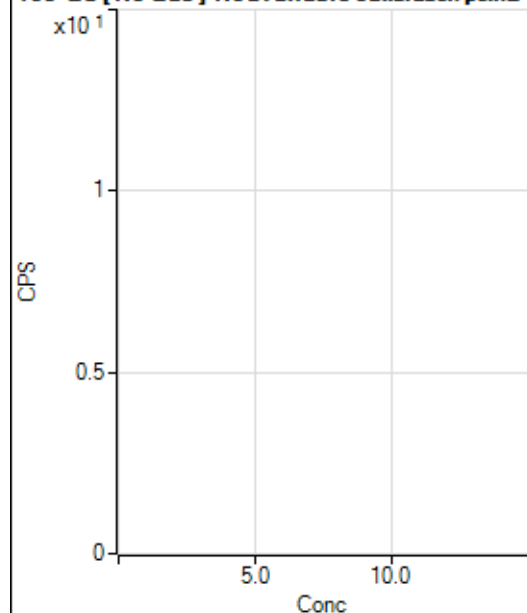
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			11.11		P	45.8
6	☐			22.22		P	67.6
7	☐			52.22		P	30.2
8	☐			92.23		P	12.7
9	☐			37.78		P	28.4

156 Dy [No Gas] No available calibration points

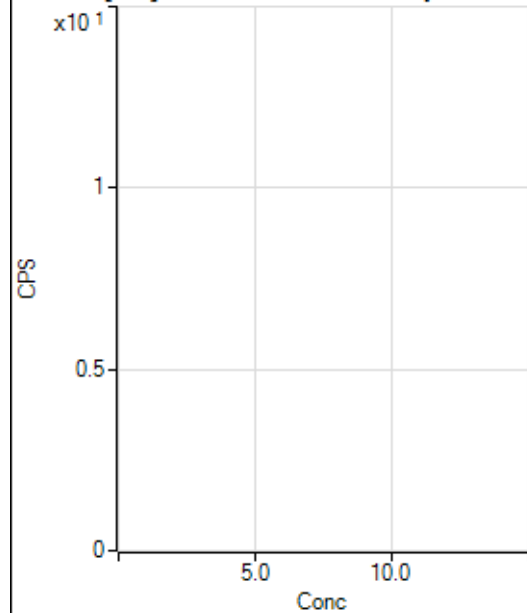
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	96.4
2	☐						
3	☐			22.22		P	78.1
4	☐			19.45		P	24.7
5	☐			38.89		P	32.7
6	☐			58.34		P	37.8
7	☐			113.89		P	48.7
8	☐			191.68		P	11.5
9	☐			175.01		P	14.3

156 Dy [He] No available calibration points

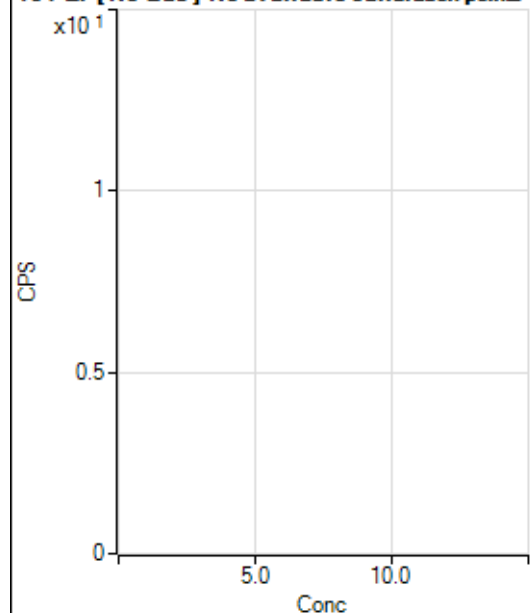
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	43.4
4	☐			11.11		P	45.8
5	☐			18.89		P	40.7
6	☐			26.66		P	21.7
7	☐			62.22		P	11.1
8	☐			86.67		P	20.4
9	☐			72.22		P	20.8

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

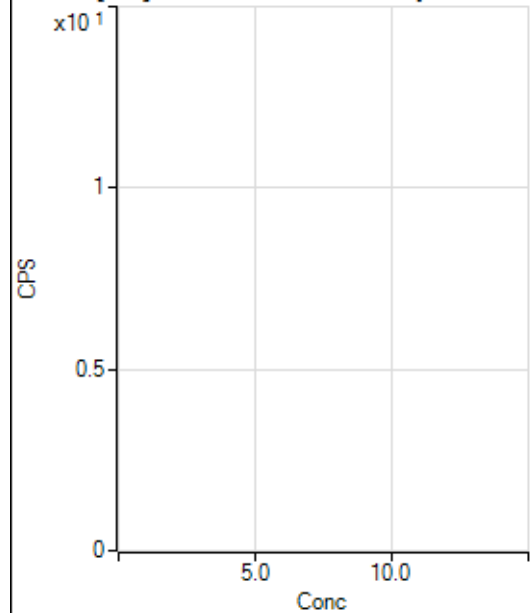
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	15.8
2	☐						
3	☐			86.11		P	39.1
4	☐			91.67		P	36.4
5	☐			72.23		P	26.7
6	☐			61.11		P	15.7
7	☐			111.12		P	33.8
8	☐			69.45		P	36.7
9	☐			177.79		P	17.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	13.3
2	☐						
3	☐			67.78		P	40.1
4	☐			112.22		P	24.9
5	☐			86.67		P	16.8
6	☐			102.22		P	29.4
7	☐			85.56		P	20.0
8	☐			100.00		P	13.3
9	☐			106.67		P	3.1

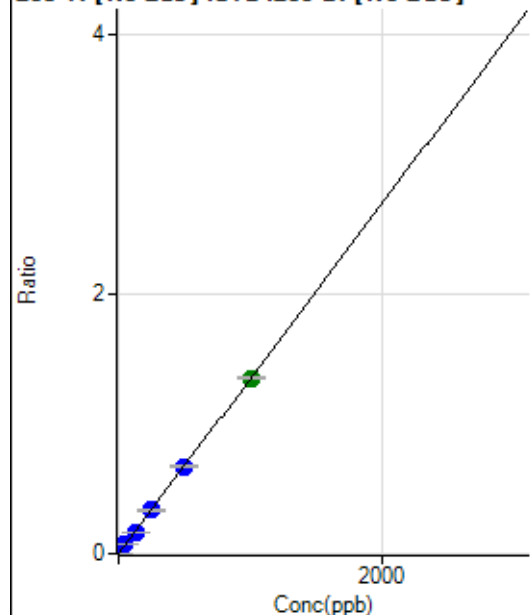
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	39.4
2	☐						
3	☐			55.56		P	22.9
4	☐			36.11		P	70.5
5	☐			41.67		P	34.6
6	☐			55.56		P	22.9
7	☐			38.89		P	44.6
8	☐			50.00		P	28.9
9	☐			80.56		P	15.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	71.3
2	☐						
3	☐			32.22		P	33.3
4	☐			14.45		P	26.7
5	☐			15.56		P	53.9
6	☐			21.11		P	24.1
7	☐			34.45		P	20.1
8	☐			14.44		P	35.3
9	☐			40.00		P	28.9

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	25.2
2	☐	0.100					
3	☐	1.000	0.921	9009.03	0.0013	P	4.2
4	☐	50.000	49.765	473472.50	0.0673	P	1.7
5	☐	125.000	120.997	1173603.22	0.1636	P	3.0
6	☐	250.000	246.969	2336933.91	0.3338	P	2.5
7	☐	500.000	496.970	4669343.99	0.6717	P	1.7
8	☐	1000.000	1002.785	9198451.77	1.3554	A	1.0
9	☐			5495.82	0.0009	P	2.7

$$y = 0.0014 * x + 1.7742E-005$$

$$R = 1.0000$$

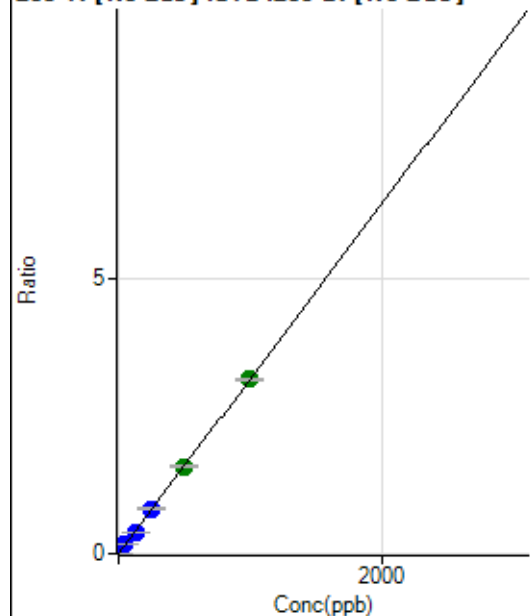
$$DL = 0.009931$$

$$BEC = 0.01313$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388.91	0.0001	P	8.6
2	☐	0.100					
3	☐	1.000	0.927	21387.39	0.0030	P	3.2
4	☐	50.000	50.541	1130115.90	0.1606	P	1.7
5	☐	125.000	124.136	2829665.14	0.3944	P	3.2
6	☐	250.000	256.405	5701857.29	0.8145	P	2.6
7	☐	500.000	497.582	10987148.17	1.5806	A	1.8
8	☐	1000.000	999.689	21550963.67	3.1755	A	1.0
9	☐			13440.71	0.0023	P	8.0

$$y = 0.0032 * x + 5.4139E-005$$

$$R = 1.0000$$

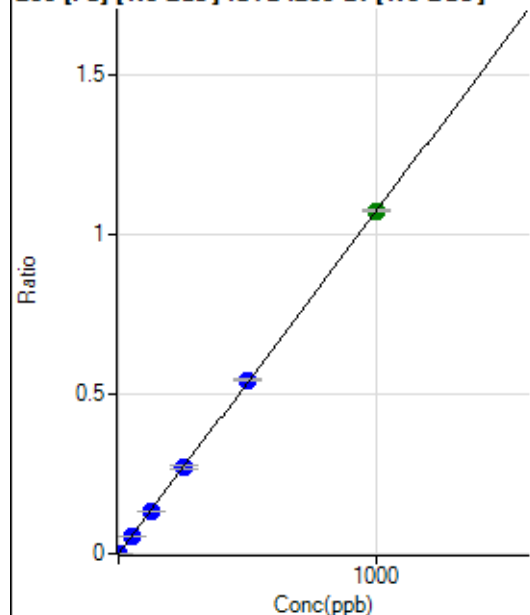
$$DL = 0.004421$$

$$BEC = 0.01704$$

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	1038.96	0.0001	P	14.8
2	☐	0.100					
3	☐	1.000	1.141	9787.20	0.0014	P	1.2
4	☐	50.000	50.647	384340.26	0.0546	P	2.0
5	☐	125.000	123.488	954072.75	0.1330	P	2.9
6	☐	250.000	251.930	1897812.05	0.2711	P	2.8
7	☐	500.000	504.422	3772432.81	0.5427	P	1.4
8	☐	1000.000	997.463	7281908.44	1.0730	A	0.6
9	☐			15175.74	0.0026	P	1.2

$$y = 0.0011 * x + 1.4453E-004$$

$$R = 1.0000$$

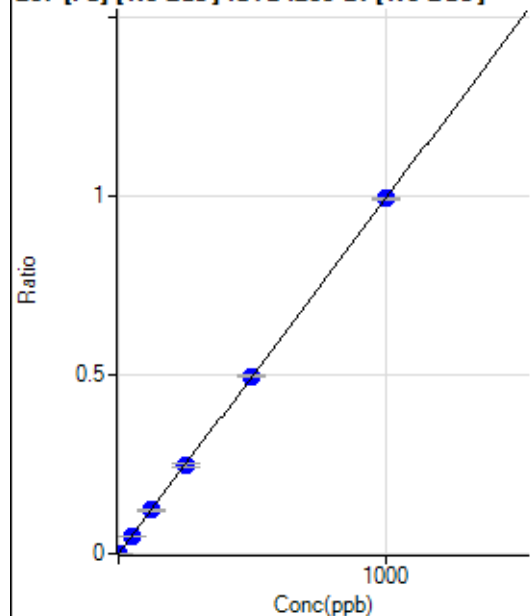
$$DL = 0.05977$$

$$BEC = 0.1344$$

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	822.27	0.0001	P	0.8
2	☐	0.100					
3	☐	1.000	1.117	8727.16	0.0012	P	1.6
4	☐	50.000	50.237	351781.93	0.0500	P	1.5
5	☐	125.000	121.850	868911.07	0.1211	P	2.6
6	☐	250.000	248.357	1726726.20	0.2467	P	3.1
7	☐	500.000	499.992	3451375.25	0.4965	P	1.5
8	☐	1000.000	1000.797	6743914.10	0.9937	P	0.4
9	☐			12873.23	0.0022	P	1.8

$$y = 9.9279E-004 * x + 1.1452E-004$$

$$R = 1.0000$$

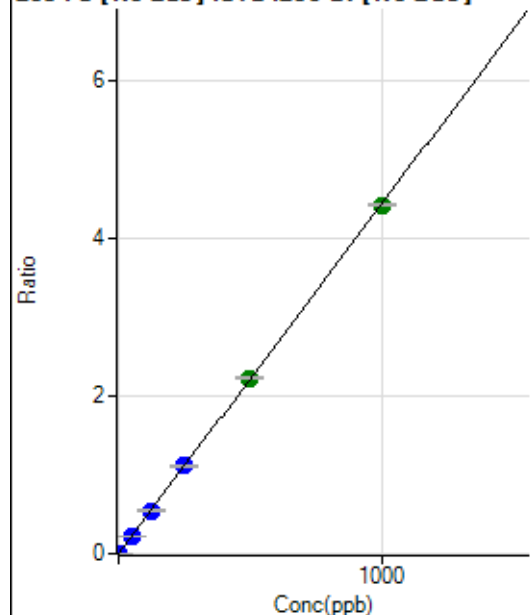
$$DL = 0.002808$$

$$BEC = 0.1154$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3933.67	0.0005	P	7.7
2	☐	0.100					
3	☐	1.000	1.127	39518.41	0.0055	P	1.6
4	☐	50.000	50.111	1565869.09	0.2225	P	1.8
5	☐	125.000	122.302	3891292.45	0.5423	P	2.9
6	☐	250.000	251.383	7798738.69	1.1141	P	2.8
7	☐	500.000	502.663	15482156.10	2.2271	A	1.4
8	☐	1000.000	998.654	30025862.02	4.4242	A	0.4
9	☐			59831.88	0.0101	P	0.8

$$y = 0.0044 * x + 5.4753E-004$$

$$R = 1.0000$$

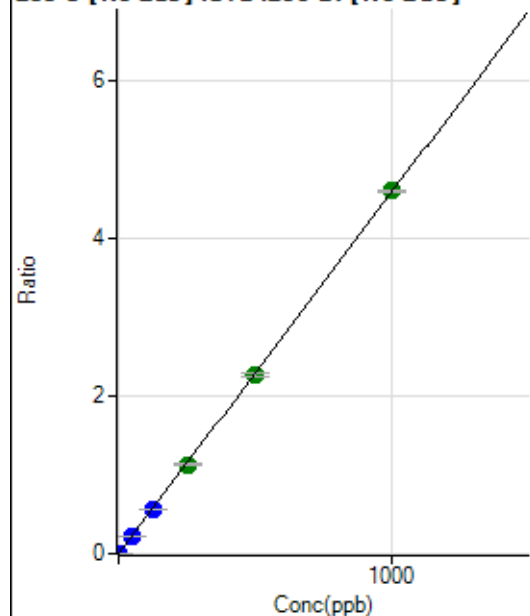
$$DL = 0.02866$$

$$BEC = 0.1236$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	9.8
2	☐	0.100					
3	☐	1.000	0.879	28866.26	0.0040	P	2.8
4	☐	50.000	49.241	1588407.24	0.2257	P	1.8
5	☐	125.000	121.859	4008001.00	0.5586	P	3.0
6	☐	250.000	246.279	7901841.76	1.1289	A	3.2
7	☐	500.000	494.821	15765944.97	2.2681	A	1.8
8	☐	1000.000	1003.950	31230653.13	4.6017	A	0.4
9	☐			7182.89	0.0012	P	5.3

$$y = 0.0046 * x + 1.7045E-005$$

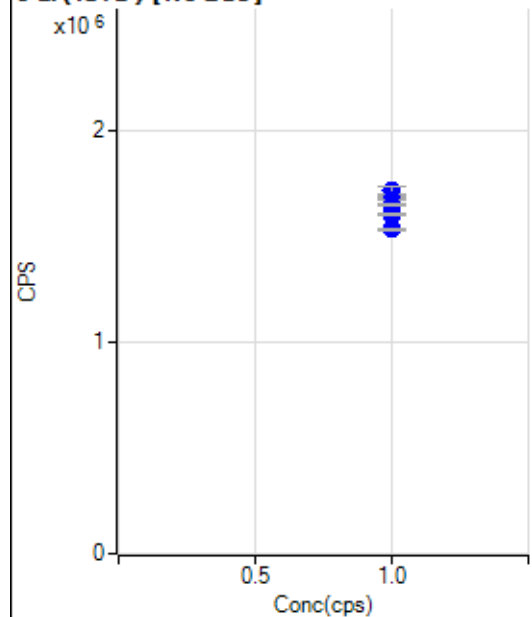
$$R = 1.0000$$

$$DL = 0.001094$$

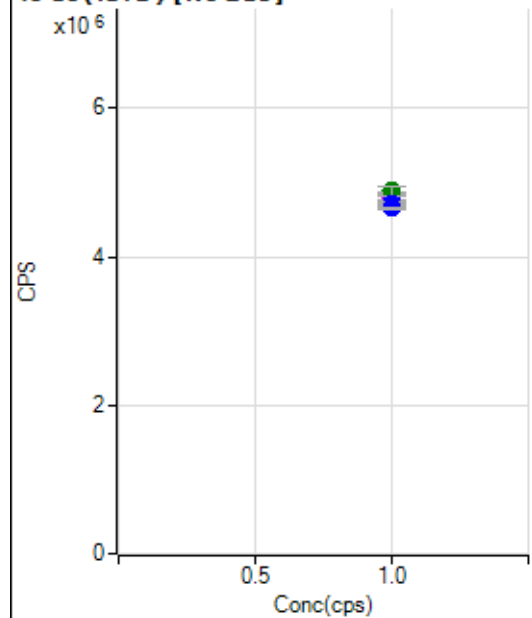
$$BEC = 0.003719$$

Weight: <None>

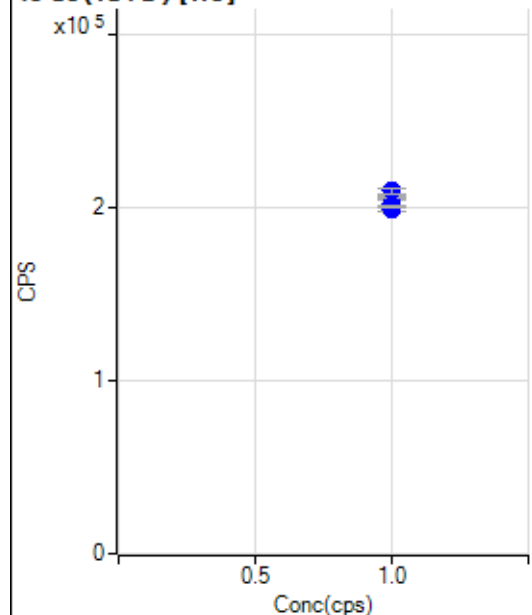
Min Conc: 0

6 Li (ISTD) [No Gas]

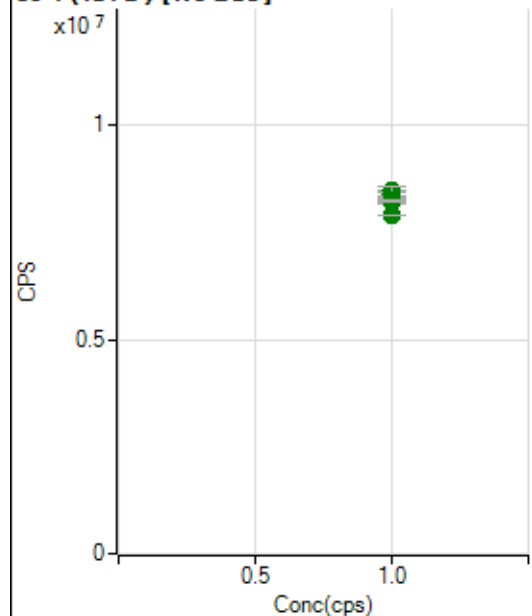
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1676461.71		P	1.0
2	☐	1.000					
3	☐	1.000		1685143.27		P	1.7
4	☐	1.000		1682809.10		P	0.7
5	☐	1.000		1712638.97		P	2.1
6	☐	1.000		1669919.40		P	0.5
7	☐	1.000		1646732.58		P	0.4
8	☐	1.000		1600573.81		P	0.4
9	☐	1.000		1531694.56		P	0.9

45 Sc (ISTD) [No Gas]

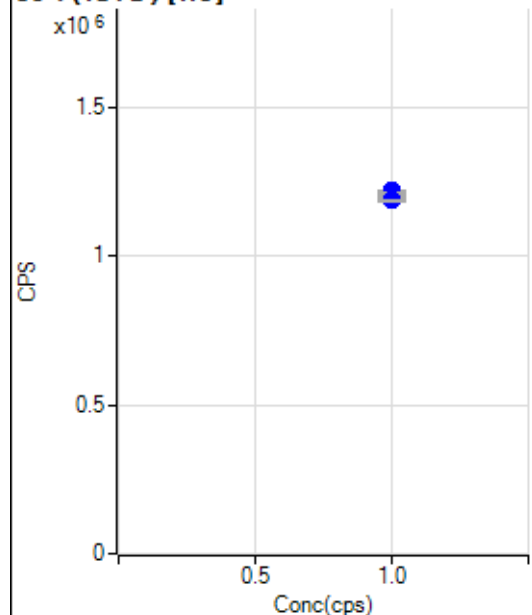
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4798934.87		M	1.8
2	☐	1.000					
3	☐	1.000		4821041.73		M	1.8
4	☐	1.000		4751616.99		P	1.2
5	☐	1.000		4889152.97		A	2.7
6	☐	1.000		4716075.45		P	0.9
7	☐	1.000		4713893.68		P	2.0
8	☐	1.000		4727567.86		P	0.2
9	☐	1.000		4654552.79		P	0.7

45 Sc (ISTD) [He]

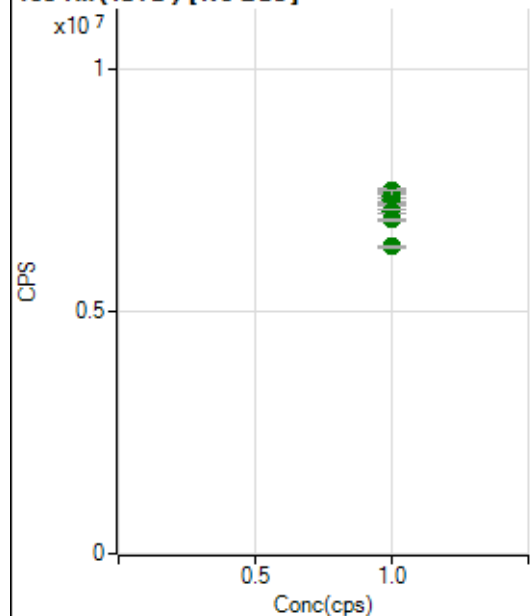
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		205102.24		P	0.2
2	☐	1.000					
3	☐	1.000		204915.72		P	1.3
4	☐	1.000		202151.62		P	2.5
5	☐	1.000		198226.54		P	1.2
6	☐	1.000		200398.70		P	0.8
7	☐	1.000		199986.13		P	0.4
8	☐	1.000		206154.64		P	0.7
9	☐	1.000		209345.58		P	1.5

89 Y (ISTD) [No Gas]

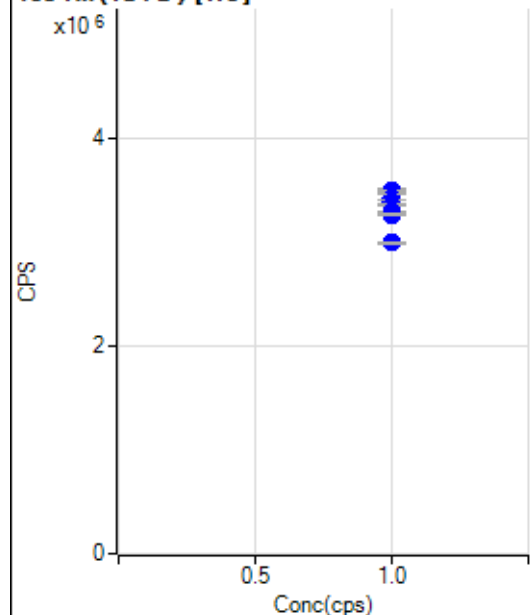
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8386520.99		A	1.3
2	☐	1.000					
3	☐	1.000		8412417.65		A	1.7
4	☐	1.000		8286138.84		A	1.3
5	☐	1.000		8476136.05		A	2.4
6	☐	1.000		8284204.46		A	1.2
7	☐	1.000		8234159.81		A	1.0
8	☐	1.000		8257899.74		A	0.5
9	☐	1.000		7906759.53		A	0.3

89 Y(ISTD) [He]

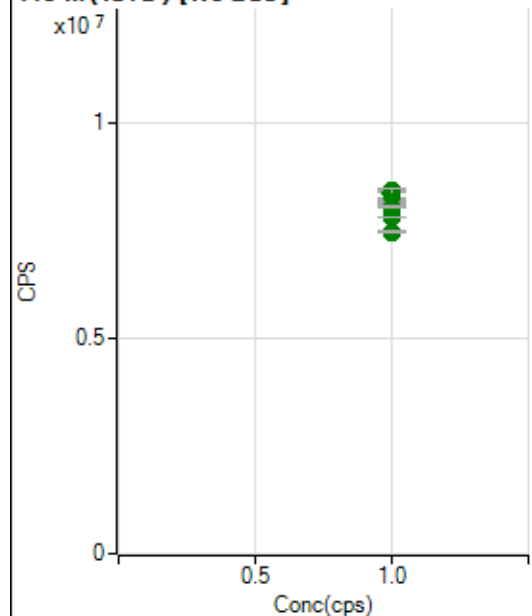
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1214193.81		P	0.6
2	☐	1.000					
3	☐	1.000		1217414.60		P	0.5
4	☐	1.000		1203666.33		P	1.7
5	☐	1.000		1198449.84		P	0.7
6	☐	1.000		1201632.60		P	0.4
7	☐	1.000		1194833.21		P	0.2
8	☐	1.000		1210550.35		P	0.1
9	☐	1.000		1186046.40		P	0.6

103 Rh(ISTD) [No Gas]

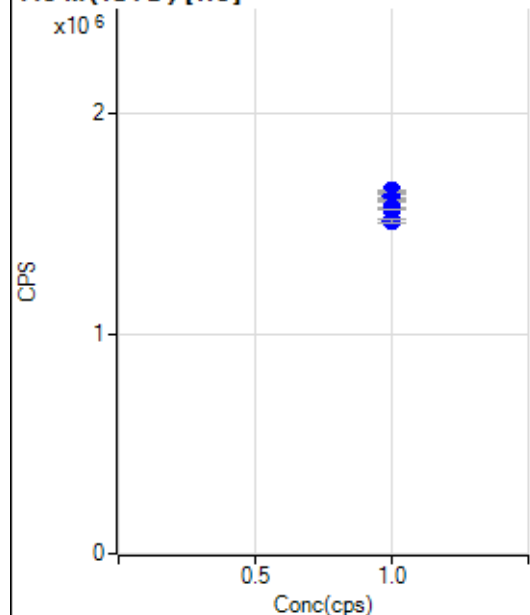
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7482681.94		A	0.5
2	☐	1.000					
3	☐	1.000		7485647.39		A	1.8
4	☐	1.000		7300349.82		A	0.9
5	☐	1.000		7386332.63		A	3.2
6	☐	1.000		7204155.80		A	1.0
7	☐	1.000		7056208.84		A	0.9
8	☐	1.000		6899898.94		A	0.5
9	☐	1.000		6341824.62		A	0.5

103 Rh (ISTD) [He]

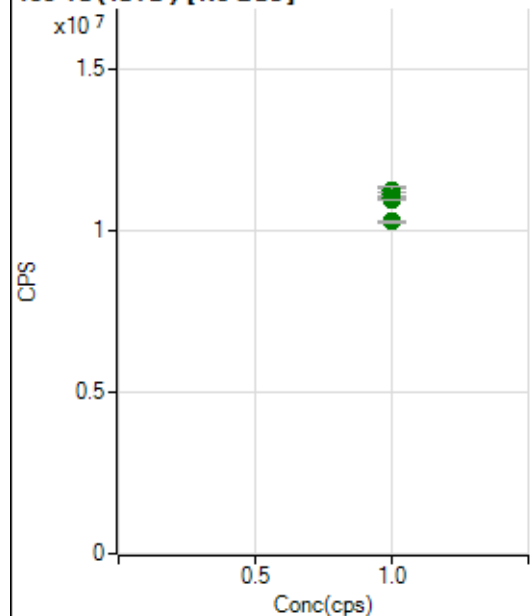
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3492194.29		P	0.9
2	☐	1.000					
3	☐	1.000		3492621.34		P	0.5
4	☐	1.000		3431364.05		P	1.7
5	☐	1.000		3388530.47		P	0.9
6	☐	1.000		3359395.26		P	0.8
7	☐	1.000		3297492.87		P	0.3
8	☐	1.000		3266699.60		P	0.3
9	☐	1.000		2991710.30		P	0.8

115 In (ISTD) [No Gas]

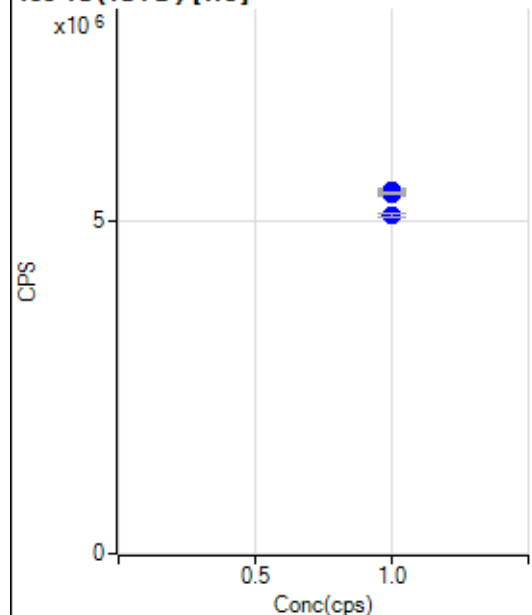
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8415240.72		A	1.1
2	☐	1.000					
3	☐	1.000		8351291.40		A	1.9
4	☐	1.000		8231896.43		A	0.7
5	☐	1.000		8374560.09		A	2.7
6	☐	1.000		8158065.93		A	0.6
7	☐	1.000		8043264.77		A	0.3
8	☐	1.000		7825486.62		A	0.1
9	☐	1.000		7466715.51		A	0.5

115 In (ISTD) [He]

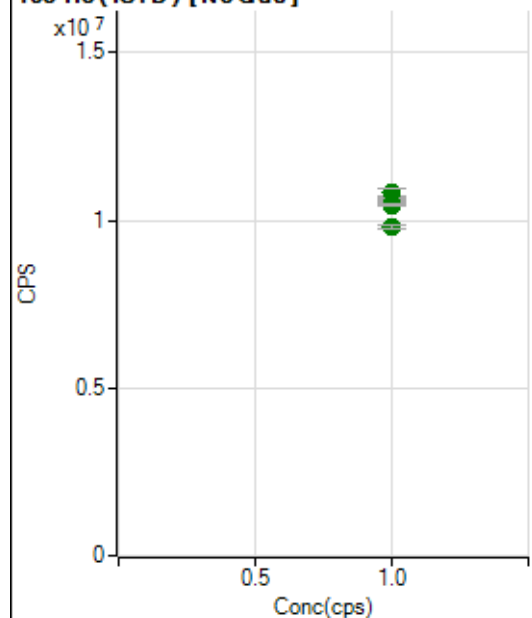
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1646114.84		P	1.1
2	☐	1.000					
3	☐	1.000		1650795.47		P	0.7
4	☐	1.000		1631705.47		P	1.6
5	☐	1.000		1610210.97		P	0.9
6	☐	1.000		1603338.63		P	0.6
7	☐	1.000		1573777.43		P	0.3
8	☐	1.000		1564760.66		P	0.2
9	☐	1.000		1516330.59		P	1.4

159 Tb (ISTD) [No Gas]

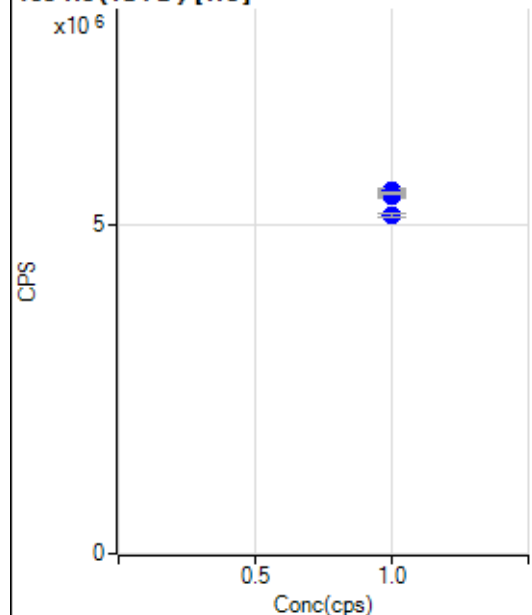
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11163903.58		A	1.2
2	☐	1.000					
3	☐	1.000		11190700.80		A	2.0
4	☐	1.000		11087188.17		A	1.6
5	☐	1.000		11240448.86		A	2.7
6	☐	1.000		11041542.34		A	1.1
7	☐	1.000		11042047.20		A	1.2
8	☐	1.000		10943369.84		A	0.1
9	☐	1.000		10286871.79		A	0.7

159 Tb (ISTD) [He]

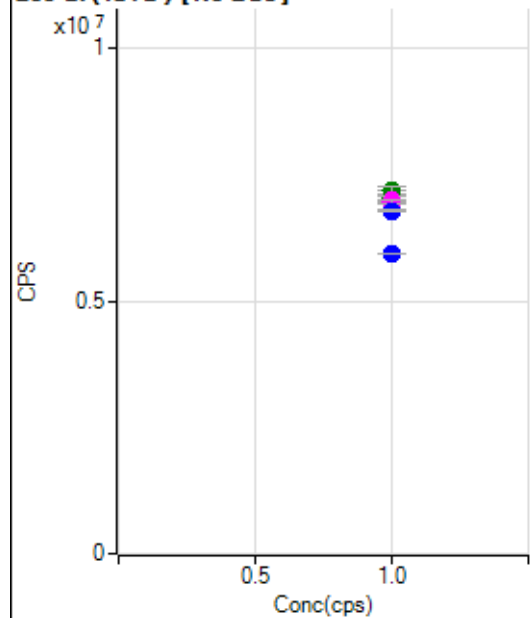
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5464181.97		P	1.1
2	☐	1.000					
3	☐	1.000		5461196.31		P	0.5
4	☐	1.000		5452627.52		P	1.5
5	☐	1.000		5433332.14		P	1.1
6	☐	1.000		5443017.73		P	0.8
7	☐	1.000		5409014.33		P	0.3
8	☐	1.000		5428590.09		P	0.5
9	☐	1.000		5099798.05		P	1.1

165 Ho (ISTD) [No Gas]

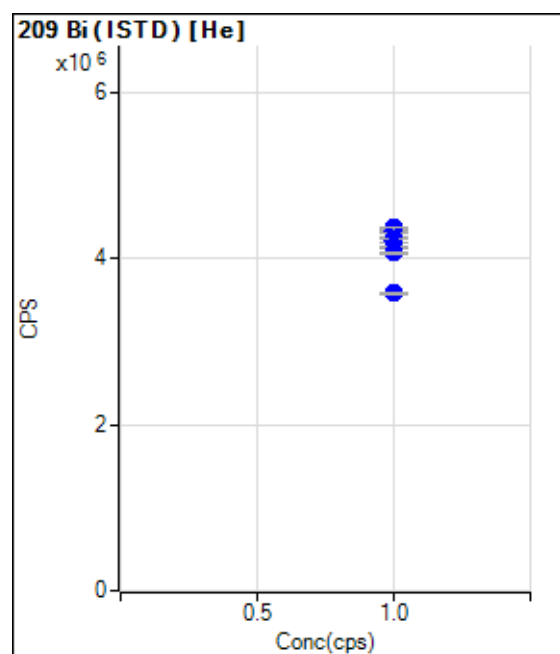
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10632815.26		A	1.6
2	☐	1.000					
3	☐	1.000		10609938.86		A	2.4
4	☐	1.000		10582270.29		A	0.9
5	☐	1.000		10821030.28		A	2.6
6	☐	1.000		10676997.72		A	0.2
7	☐	1.000		10519575.32		A	1.0
8	☐	1.000		10458603.27		A	0.2
9	☐	1.000		9812042.84		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5498380.47		P	1.0
2	☐	1.000					
3	☐	1.000		5496797.52		P	0.7
4	☐	1.000		5520358.77		P	1.8
5	☐	1.000		5453726.76		P	1.0
6	☐	1.000		5478197.63		P	0.6
7	☐	1.000		5436497.87		P	0.4
8	☐	1.000		5480121.38		P	0.6
9	☐	1.000		5150171.03		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7179749.13		A	2.0
2	☐	1.000					
3	☐	1.000		7134524.34		A	1.5
4	☐	1.000		7038508.71		A	1.8
5	☐	1.000		7179495.80		A	2.9
6	☐	1.000		7003249.27		M	2.4
7	☐	1.000		6952258.78		M	1.3
8	☐	1.000		6786776.78		P	0.4
9	☐	1.000		5939067.06		P	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4371073.06		P	0.8
2	☐	1.000					
3	☐	1.000		4319911.22		P	0.5
4	☐	1.000		4339353.27		P	1.7
5	☐	1.000		4249632.75		P	0.8
6	☐	1.000		4215961.71		P	1.3
7	☐	1.000		4136173.20		P	0.1
8	☐	1.000		4071689.25		P	0.5
9	☐	1.000		3587147.83		P	0.8

US EPA Tune Check Sample Report

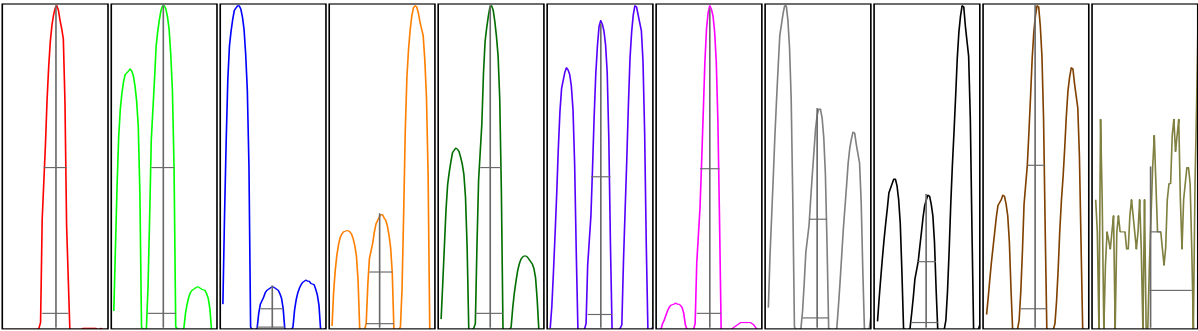
Batch Folder D:\ICP-MS Data\P7071417 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7297	0.40	5.00	
24	64953	0.74	5.00	
25	8477	0.69	5.00	
26	9757	0.51	5.00	
59	79022	0.29	5.00	
113	10349	0.31	5.00	
115	137022	0.36	5.00	
206	32401	0.78	5.00	
207	29139	0.33	5.00	
208	69962	0.34	5.00	
220	0	52.52		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7280	7267	7305	7344	7288
24	64163	65431	65159	65100	64913
25	8375	8521	8504	8500	8485
26	9687	9826	9763	9767	9744
59	78664	79035	79307	79082	79023
113	10339	10335	10361	10311	10397
115	137105	137576	137372	136681	136378
206	32010	32332	32610	32632	32422
207	28995	29097	29194	29181	29231
208	69593	69928	70002	70245	70044
220	0	0	0	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11977	9.05	8.9 - 9.1		0.788	0.900	
24	102063	24.00	23.9 - 24.1		0.827	0.900	
25	13332	25.00	24.9 - 25.1		0.792	0.900	
26	15409	25.95	25.9 - 26.1		0.795	0.900	
59	132150	59.00	58.9 - 59.1		0.788	0.900	
113	20019	113.05	112.9 - 113.1		0.733	0.900	
115	262663	115.05	114.9 - 115.1		0.734	0.900	
206	63944	206.00	205.9 - 206.1		0.763	0.900	
207	57166	207.00	206.9 - 207.1		0.770	0.900	
208	138118	208.00	207.9 - 208.1		0.770	0.900	
220	1	220.20	-		1.246		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	14.4	V
Extract 2	-150.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	19315	0.62	
89	12585	0.95	
205	28548	0.87	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	19287	19247	19168	19416	19457
89	12630	12506	12416	12686	12686
205	28553	28398	28224	28717	28851

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	2.0	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.03	-0.04	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	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.06	0.22	-0.16	0.00	N/A	ppb
Boron	11-1	-0.07	0.04	0.03	0.00	N/A	ppb
Cadmium	111-1	0.01	0.05	-0.05	0.00	N/A	ppb
Cadmium	106-1	0.06	0.62	-0.68	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Calcium	43-1	0.31	-0.82	0.50	0.00	N/A	ppb
Calcium	44-1	0.57	-0.10	-0.47	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	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	0.06	-0.09	0.03	0.00	N/A	ppb
Iron	57-2	0.03	0.17	-0.20	0.00	N/A	ppb
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	1.47	-1.98	0.51	0.00	N/A	ppb
Manganese	55-2	0.02	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.03	0.05	0.00	N/A	ppb
Phosphorus	31-2	3.52	-13.70	-2.99	-4.39		ppb
Potassium	39-2	6.58	-0.69	-5.90	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.14	0.12	0.02	0.00	N/A	ppb
Selenium	82-1	-0.95	1.70	-0.76	0.00	N/A	ppb
Silicon	28-1	-0.74	0.78	-0.04	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.29	-2.30	2.01	0.00	N/A	ppb
Strontium	86-1	-0.04	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-15.30	92.41	-4.34	24.26	244.38	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	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	0.00	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	-0.11	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

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

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 11:44:11 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.39	18.26	20.11	18.59	7.47	ppb
Antimony	121-1	1.75	1.87	1.77	1.80	3.61	ppb
Arsenic	75-2	1.06	1.03	0.86	0.98	10.86	ppb
Barium	135-1	8.53	9.10	8.61	8.75	3.52	ppb
Barium	137-1	8.72	8.99	9.02	8.91	1.84	ppb
Beryllium	9-1	0.78	0.95	0.84	0.86	9.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.51	23.12	21.65	21.43	8.48	ppb
Boron	11-1	19.94	21.26	20.75	20.65	3.21	ppb
Cadmium	111-1	0.95	0.86	0.83	0.88	7.33	ppb
Cadmium	106-1	-0.09	-0.36	-0.44	-0.29		ppb
Cadmium	108-1	0.75	1.10	1.19	1.02	22.81	ppb
Calcium	43-1	404.53	445.32	403.48	417.78	5.71	ppb
Calcium	44-1	424.60	435.49	415.23	425.11	2.39	ppb
Chromium	52-2	1.98	2.03	1.90	1.97	3.29	ppb
Cobalt	59-2	0.91	0.95	0.95	0.94	2.46	ppb
Copper	63-2	2.09	2.16	2.16	2.13	1.84	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	47.76	47.56	48.97	48.10	1.59	ppb
Iron	57-2	47.76	49.97	47.82	48.52	2.60	ppb
Lead	206-1	1.15	1.15	1.12	1.14	1.37	ppb
Lead	207-1	1.14	1.12	1.10	1.12	1.74	ppb
Lead	208-1	1.14	1.14	1.10	1.13	1.80	ppb
Lithium	6-1						%
Magnesium	24-2	451.77	449.22	460.36	453.78	1.29	ppb
Manganese	55-2	0.86	0.88	0.99	0.91	8.07	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:44:11	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	2.00	1.92	1.96	2.02	ppb
Molybdenum	95-1	4.32	4.49	4.22	4.34	3.17	ppb
Molybdenum	96-1	3.72	3.81	3.67	3.73	1.90	ppb
Molybdenum	97-1	4.68	4.57	4.35	4.53	3.71	ppb
Molybdenum	98-1	4.27	4.46	4.20	4.31	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.95	1.11	1.01	8.34	ppb
Phosphorus	31-2	9.79	-11.76	15.13	4.39	324.39	ppb
Potassium	39-2	446.30	446.16	473.24	455.24	3.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.72	4.09	1.77	3.53	44.12	ppb
Selenium	78-2	5.22	4.95	3.38	4.52	21.93	ppb
Selenium	82-1	4.12	4.72	4.89	4.58	8.77	ppb
Silicon	28-1	8.62	9.90	6.83	8.45	18.21	ppb
Silver	109-1	1.17	1.26	1.20	1.21	3.70	ppb
Silver	107-1	1.23	1.23	1.12	1.19	5.52	ppb
Sodium	23-2	457.74	457.25	473.49	462.83	2.00	ppb
Strontium	86-1	0.75	0.80	0.90	0.82	9.10	ppb
Strontium	88-1	0.95	0.96	0.92	0.94	2.61	ppb
Sulfur	34-1	-6.67	65.41	-131.52	-24.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.93	0.96	0.92	4.23	ppb
Thallium	205-1	0.93	0.96	0.90	0.93	3.24	ppb
Tin	118-1	4.30	4.61	4.29	4.40	4.12	ppb
Titanium	47-1	4.30	4.40	4.20	4.30	2.41	ppb
Uranium	238-1	0.87	0.91	0.86	0.88	2.78	ppb
Vanadium	51-2	4.40	4.41	4.67	4.49	3.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.18	2.20	2.39	2.26	5.23	ppb
Zirconium	90-1	0.90	0.91	0.89	0.90	1.34	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:44:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.96	0.84	0.90	6.43	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	982.44	1014.22	1025.10	1007.25	2.20	ppb
Antimony	121-1	48.67	48.98	47.98	48.54	1.06	ppb
Arsenic	75-2	49.12	50.37	50.79	50.09	1.74	ppb
Barium	135-1	251.21	252.56	244.03	249.27	1.84	ppb
Barium	137-1	253.99	254.14	246.92	251.68	1.64	ppb
Beryllium	9-1	50.54	50.39	50.42	50.45	0.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.20	50.53	49.03	49.25	2.39	ppb
Boron	11-1	47.71	49.06	47.28	48.01	1.94	ppb
Cadmium	111-1	52.42	51.97	50.42	51.60	2.03	ppb
Cadmium	106-1	50.38	53.64	49.64	51.22	4.15	ppb
Cadmium	108-1	52.67	52.68	51.65	52.33	1.13	ppb
Calcium	43-1	4941.21	4888.62	4752.51	4860.78	2.00	ppb
Calcium	44-1	5024.98	4933.94	4897.21	4952.04	1.33	ppb
Chromium	52-2	48.99	52.09	52.04	51.04	3.48	ppb
Cobalt	59-2	50.82	52.48	53.00	52.10	2.19	ppb
Copper	63-2	101.70	107.33	106.39	105.14	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2641.43	2760.01	2772.75	2724.73	2.66	ppb
Iron	57-2	2528.69	2681.22	2678.68	2629.53	3.32	ppb
Lead	206-1	51.62	50.75	49.57	50.65	2.03	ppb
Lead	207-1	51.07	50.04	49.60	50.24	1.50	ppb
Lead	208-1	51.05	49.98	49.30	50.11	1.77	ppb
Lithium	6-1						%
Magnesium	24-2	5055.34	5212.35	5234.21	5167.30	1.89	ppb
Manganese	55-2	97.45	103.74	103.79	101.66	3.58	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.80	49.31	48.78	49.30	1.04	ppb
Molybdenum	95-1	50.29	49.60	49.44	49.77	0.91	ppb
Molybdenum	96-1	49.94	48.86	48.77	49.19	1.32	ppb
Molybdenum	97-1	50.14	48.76	48.66	49.19	1.69	ppb
Molybdenum	98-1	50.67	49.10	49.11	49.63	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.50	54.18	54.00	53.23	2.81	ppb
Phosphorus	31-2	1021.80	1122.62	1012.81	1052.41	5.79	ppb
Potassium	39-2	2415.93	2529.34	2530.54	2491.93	2.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	48.46	59.10	62.24	56.60	12.76	ppb
Selenium	78-2	48.59	50.88	53.97	51.15	5.28	ppb
Selenium	82-1	52.01	51.26	50.10	51.12	1.88	ppb
Silicon	28-1	58.28	57.27	55.29	56.95	2.67	ppb
Silver	109-1	51.89	51.67	50.71	51.42	1.21	ppb
Silver	107-1	52.31	51.63	50.67	51.53	1.59	ppb
Sodium	23-2	4952.26	5186.63	5197.76	5112.22	2.71	ppb
Strontium	86-1	50.97	49.51	49.38	49.95	1.77	ppb
Strontium	88-1	50.98	50.17	49.79	50.32	1.21	ppb
Sulfur	34-1	1072.30	939.14	729.20	913.55	18.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	50.72	49.24	49.34	49.77	1.66	ppb
Thallium	205-1	51.50	50.32	49.80	50.54	1.73	ppb
Tin	118-1	50.77	50.02	49.33	50.04	1.45	ppb
Titanium	47-1	50.48	50.88	48.77	50.04	2.24	ppb
Uranium	238-1	50.25	48.82	48.66	49.24	1.78	ppb
Vanadium	51-2	48.75	50.63	51.32	50.24	2.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.12	109.26	109.42	107.27	3.35	ppb
Zirconium	90-1	49.64	49.30	48.76	49.23	0.91	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.90	49.84	48.40	49.38	1.72	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:51:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2546.57	2532.96	2502.57	2527.37	0.89	ppb
Antimony	121-1	116.30	120.82	123.66	120.26	3.09	ppb
Arsenic	75-2	126.65	125.49	124.39	125.51	0.90	ppb
Barium	135-1	597.49	617.32	626.49	613.77	2.42	ppb
Barium	137-1	598.67	622.32	634.41	618.47	2.94	ppb
Beryllium	9-1	120.78	124.04	124.48	123.10	1.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	109.88	118.69	126.43	118.33	7.00	ppb
Boron	11-1	113.96	118.06	121.44	117.82	3.18	ppb
Cadmium	111-1	123.36	126.76	130.38	126.83	2.77	ppb
Cadmium	106-1	123.25	122.06	127.22	124.18	2.17	ppb
Cadmium	108-1	123.60	128.68	133.87	128.72	3.99	ppb
Calcium	43-1	11557.37	11783.25	12002.14	11780.92	1.89	ppb
Calcium	44-1	11564.43	11864.55	12134.12	11854.36	2.40	ppb
Chromium	52-2	130.06	128.13	128.81	129.00	0.76	ppb
Cobalt	59-2	132.28	129.51	131.06	130.95	1.06	ppb
Copper	63-2	268.81	261.52	265.16	265.16	1.37	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	6863.45	6648.64	6738.47	6750.19	1.60	ppb
Iron	57-2	6770.85	6625.79	6619.80	6672.15	1.28	ppb
Lead	206-1	119.51	124.39	126.57	123.49	2.93	ppb
Lead	207-1	118.49	122.41	124.65	121.85	2.56	ppb
Lead	208-1	118.38	123.36	125.17	122.30	2.87	ppb
Lithium	6-1						%
Magnesium	24-2	13189.03	12944.23	13048.13	13060.46	0.94	ppb
Manganese	55-2	260.82	255.46	256.76	257.68	1.08	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:51:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	118.30	122.38	122.36	121.01	1.94	ppb
Molybdenum	95-1	117.08	122.79	122.84	120.90	2.74	ppb
Molybdenum	96-1	116.46	121.56	122.32	120.11	2.65	ppb
Molybdenum	97-1	118.63	122.44	124.68	121.92	2.51	ppb
Molybdenum	98-1	117.50	121.06	122.98	120.51	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.44	132.65	132.62	133.57	1.21	ppb
Phosphorus	31-2	2615.08	2490.01	2492.35	2532.48	2.82	ppb
Potassium	39-2	6419.81	6258.76	6307.51	6328.69	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	139.59	138.77	138.19	138.85	0.51	ppb
Selenium	78-2	132.13	132.69	129.81	131.54	1.16	ppb
Selenium	82-1	122.07	127.30	126.33	125.23	2.22	ppb
Silicon	28-1	129.69	137.31	142.61	136.54	4.76	ppb
Silver	109-1	122.58	126.41	128.75	125.91	2.47	ppb
Silver	107-1	121.94	125.63	127.42	124.99	2.24	ppb
Sodium	23-2	13210.93	12972.97	13091.44	13091.78	0.91	ppb
Strontium	86-1	118.96	122.51	124.31	121.93	2.23	ppb
Strontium	88-1	119.45	124.42	125.76	123.21	2.70	ppb
Sulfur	34-1	1709.86	1933.65	2029.38	1890.97	8.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	117.14	121.65	124.19	121.00	2.95	ppb
Thallium	205-1	119.97	124.69	127.75	124.14	3.16	ppb
Tin	118-1	119.65	123.45	125.77	122.95	2.51	ppb
Titanium	47-1	117.59	119.98	123.69	120.42	2.55	ppb
Uranium	238-1	117.97	122.43	125.18	121.86	2.99	ppb
Vanadium	51-2	129.76	125.63	126.45	127.28	1.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	270.64	264.63	271.50	268.92	1.39	ppb
Zirconium	90-1	117.94	121.55	123.50	121.00	2.33	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:51:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	118.76	121.40	124.06	121.41	2.18	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4963.22	5014.30	4916.98	4964.83	0.98	ppb
Antimony	121-1	246.73	252.38	246.76	248.62	1.31	ppb
Arsenic	75-2	253.14	252.63	250.13	251.97	0.64	ppb
Barium	135-1	1253.86	1275.10	1246.00	1258.32	1.20	ppb
Barium	137-1	1273.62	1290.17	1262.48	1275.42	1.09	ppb
Beryllium	9-1	249.39	250.42	249.68	249.83	0.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	241.96	243.69	249.07	244.91	1.52	ppb
Boron	11-1	241.42	244.99	248.17	244.86	1.38	ppb
Cadmium	111-1	253.50	262.11	253.30	256.30	1.96	ppb
Cadmium	106-1	255.54	264.23	249.03	256.26	2.98	ppb
Cadmium	108-1	265.43	262.41	254.52	260.78	2.16	ppb
Calcium	43-1	24058.28	24881.67	24356.98	24432.31	1.71	ppb
Calcium	44-1	24294.58	24791.62	24603.22	24563.14	1.02	ppb
Chromium	52-2	254.48	257.52	252.56	254.85	0.98	ppb
Cobalt	59-2	257.51	258.37	255.31	257.06	0.61	ppb
Copper	63-2	519.86	523.91	516.54	520.10	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	13337.87	13329.08	13070.46	13245.80	1.15	ppb
Iron	57-2	13121.88	13241.26	13020.90	13128.01	0.84	ppb
Lead	206-1	245.33	259.30	251.17	251.93	2.79	ppb
Lead	207-1	240.73	255.89	248.46	248.36	3.05	ppb
Lead	208-1	244.43	258.30	251.42	251.38	2.76	ppb
Lithium	6-1						%
Magnesium	24-2	25850.74	26096.99	25765.52	25904.42	0.66	ppb
Manganese	55-2	510.47	513.59	503.57	509.21	1.01	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.74	252.06	249.30	250.37	0.59	ppb
Molybdenum	95-1	247.44	252.62	248.28	249.45	1.11	ppb
Molybdenum	96-1	245.79	251.64	248.25	248.56	1.18	ppb
Molybdenum	97-1	247.15	253.99	249.73	250.29	1.38	ppb
Molybdenum	98-1	248.48	254.25	248.52	250.42	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.05	262.29	259.67	261.34	0.55	ppb
Phosphorus	31-2	5120.86	5243.87	4961.33	5108.69	2.77	ppb
Potassium	39-2	12482.78	12570.67	12403.34	12485.60	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	256.56	276.18	271.29	268.01	3.81	ppb
Selenium	78-2	260.12	257.21	261.95	259.76	0.92	ppb
Selenium	82-1	255.53	258.64	253.47	255.88	1.02	ppb
Silicon	28-1	285.43	291.35	287.91	288.23	1.03	ppb
Silver	109-1	251.99	257.84	253.00	254.28	1.23	ppb
Silver	107-1	255.57	257.18	251.65	254.80	1.12	ppb
Sodium	23-2	25102.35	25284.42	25099.99	25162.25	0.42	ppb
Strontium	86-1	248.62	252.96	250.03	250.54	0.88	ppb
Strontium	88-1	248.81	252.83	250.77	250.80	0.80	ppb
Sulfur	34-1	4644.20	4886.93	4654.44	4728.52	2.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	240.37	252.67	247.87	246.97	2.51	ppb
Thallium	205-1	249.59	263.15	256.48	256.40	2.64	ppb
Tin	118-1	250.20	255.45	249.03	251.56	1.36	ppb
Titanium	47-1	249.86	254.11	249.27	251.08	1.05	ppb
Uranium	238-1	237.78	253.38	247.68	246.28	3.20	ppb
Vanadium	51-2	253.08	252.87	249.59	251.85	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	526.79	529.74	519.61	525.38	0.99	ppb
Zirconium	90-1	249.13	254.11	249.93	251.06	1.07	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.03	252.81	248.94	249.92	1.02	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9877.27	9873.14	9944.13	9898.18	0.40	ppb
Antimony	121-1	491.71	492.37	507.17	497.09	1.76	ppb
Arsenic	75-2	500.05	507.85	507.62	505.17	0.88	ppb
Barium	135-1	2503.53	2490.83	2550.92	2515.09	1.26	ppb
Barium	137-1	2484.93	2480.54	2529.14	2498.20	1.08	ppb
Beryllium	9-1	494.60	498.52	497.00	496.71	0.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.96	501.43	493.41	492.60	1.88	ppb
Boron	11-1	479.89	493.80	494.48	489.39	1.68	ppb
Cadmium	111-1	505.46	503.55	517.62	508.87	1.50	ppb
Cadmium	106-1	505.90	508.26	517.29	510.48	1.18	ppb
Cadmium	108-1	505.55	499.26	516.39	507.07	1.71	ppb
Calcium	43-1	48040.73	48159.99	49680.63	48627.12	1.88	ppb
Calcium	44-1	48252.52	48214.83	49918.09	48795.15	1.99	ppb
Chromium	52-2	507.88	508.65	512.45	509.66	0.48	ppb
Cobalt	59-2	507.95	510.58	516.56	511.70	0.86	ppb
Copper	63-2	1022.36	1026.92	1036.48	1028.59	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26495.23	26348.43	26671.10	26504.92	0.61	ppb
Iron	57-2	26131.37	26236.84	26467.47	26278.56	0.65	ppb
Lead	206-1	502.54	512.27	498.45	504.42	1.41	ppb
Lead	207-1	498.01	508.52	493.44	499.99	1.55	ppb
Lead	208-1	499.02	511.05	497.92	502.66	1.45	ppb
Lithium	6-1						%
Magnesium	24-2	50639.05	50858.08	50684.35	50727.16	0.23	ppb
Manganese	55-2	1014.26	1020.52	1026.17	1020.32	0.58	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.57	511.09	506.05	503.90	1.68	ppb
Molybdenum	95-1	489.54	504.74	501.16	498.48	1.59	ppb
Molybdenum	96-1	489.09	501.80	498.13	496.34	1.32	ppb
Molybdenum	97-1	490.47	505.91	500.87	499.08	1.58	ppb
Molybdenum	98-1	494.85	507.01	503.07	501.65	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.06	514.95	518.25	514.42	0.80	ppb
Phosphorus	31-2	9837.28	10126.94	10260.90	10075.04	2.15	ppb
Potassium	39-2	25156.53	25274.78	25493.12	25308.14	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	497.68	510.82	553.83	520.78	5.64	ppb
Selenium	78-2	515.78	498.07	512.29	508.71	1.84	ppb
Selenium	82-1	508.04	513.11	516.51	512.55	0.83	ppb
Silicon	28-1	564.76	570.04	593.27	576.02	2.63	ppb
Silver	109-1	499.42	498.28	516.07	504.59	1.97	ppb
Silver	107-1	502.02	499.86	509.58	503.82	1.01	ppb
Sodium	23-2	49970.87	49902.66	50703.46	50192.33	0.88	ppb
Strontium	86-1	492.16	503.09	503.02	499.42	1.26	ppb
Strontium	88-1	497.63	499.84	503.38	500.28	0.58	ppb
Sulfur	34-1	9677.95	9707.29	10304.27	9896.50	3.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.81	505.61	488.49	496.97	1.72	ppb
Thallium	205-1	497.09	506.57	489.08	497.58	1.76	ppb
Tin	118-1	495.24	497.18	511.22	501.21	1.74	ppb
Titanium	47-1	496.56	491.29	518.28	502.04	2.85	ppb
Uranium	238-1	499.03	501.02	484.41	494.82	1.83	ppb
Vanadium	51-2	504.98	505.06	508.19	506.08	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1025.17	1036.31	1046.06	1035.85	1.01	ppb
Zirconium	90-1	493.46	501.02	507.44	500.64	1.40	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.39	501.46	500.21	498.02	0.99	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19516.78	19345.45	19239.49	19367.24	0.72	ppb
Antimony	121-1	1006.17	996.11	1005.13	1002.47	0.55	ppb
Arsenic	75-2	994.63	1000.51	995.43	996.85	0.32	ppb
Barium	135-1	5004.62	4980.72	4990.11	4991.82	0.24	ppb
Barium	137-1	4969.63	5015.75	5000.45	4995.28	0.47	ppb
Beryllium	9-1	998.50	1003.06	1004.15	1001.90	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	987.42	1012.22	1018.16	1005.93	1.62	ppb
Boron	11-1	994.56	1012.98	1015.55	1007.69	1.14	ppb
Cadmium	111-1	997.67	993.12	990.24	993.68	0.38	ppb
Cadmium	106-1	986.35	1006.60	986.76	993.24	1.17	ppb
Cadmium	108-1	991.65	979.53	1008.39	993.19	1.46	ppb
Calcium	43-1	97438.78	97317.07	97500.44	97418.76	0.10	ppb
Calcium	44-1	97388.40	97645.77	97449.00	97494.39	0.14	ppb
Chromium	52-2	998.74	991.15	990.32	993.41	0.47	ppb
Cobalt	59-2	993.90	990.80	989.91	991.54	0.21	ppb
Copper	63-2	1989.24	1975.77	1970.57	1978.53	0.49	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	51687.85	50959.55	51007.44	51218.28	0.80	ppb
Iron	57-2	51506.33	51107.79	50885.88	51166.67	0.61	ppb
Lead	206-1	996.66	991.76	1003.97	997.46	0.62	ppb
Lead	207-1	997.71	999.29	1005.39	1000.80	0.41	ppb
Lead	208-1	994.78	998.19	1002.99	998.65	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	98971.30	98022.43	97389.81	98127.85	0.81	ppb
Manganese	55-2	1999.95	1981.15	1978.39	1986.50	0.59	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	996.20	997.66	1001.66	998.51	0.28	ppb
Molybdenum	95-1	998.60	1009.54	996.13	1001.42	0.71	ppb
Molybdenum	96-1	1003.63	1007.57	997.35	1002.85	0.51	ppb
Molybdenum	97-1	999.30	1004.01	999.14	1000.81	0.28	ppb
Molybdenum	98-1	1006.90	999.26	992.81	999.66	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.70	988.20	987.27	988.72	0.18	ppb
Phosphorus	31-2	20136.12	19919.92	19729.84	19928.63	1.02	ppb
Potassium	39-2	49496.66	48677.34	48761.83	48978.61	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	956.01	1000.01	993.15	983.06	2.41	ppb
Selenium	78-2	1003.15	978.29	995.55	992.33	1.28	ppb
Selenium	82-1	990.15	995.18	991.18	992.17	0.27	ppb
Silicon	28-1	946.85	953.32	951.80	950.66	0.36	ppb
Silver	109-1	995.13	1000.47	993.75	996.45	0.36	ppb
Silver	107-1	990.91	1002.41	997.11	996.81	0.58	ppb
Sodium	23-2	99288.46	97876.90	97189.08	98118.15	1.09	ppb
Strontium	86-1	998.31	1000.17	1003.15	1000.54	0.24	ppb
Strontium	88-1	995.23	999.87	1004.49	999.87	0.46	ppb
Sulfur	34-1	20356.55	20139.77	20103.88	20200.07	0.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1003.65	992.64	1012.06	1002.78	0.97	ppb
Thallium	205-1	999.94	989.87	1009.26	999.69	0.97	ppb
Tin	118-1	996.09	1000.67	1001.02	999.26	0.28	ppb
Titanium	47-1	1003.66	995.59	998.60	999.28	0.41	ppb
Uranium	238-1	1003.26	1000.27	1008.32	1003.95	0.41	ppb
Vanadium	51-2	1001.50	991.91	995.21	996.21	0.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1987.03	1970.23	1961.74	1973.00	0.65	ppb
Zirconium	90-1	1000.00	1004.76	995.11	999.95	0.48	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.38	1006.60	998.49	1001.49	0.44	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99217.02	101079.36	100116.83	100137.74	0.93	ppb
Antimony	121-1	3.76	3.63	3.55	3.64	2.88	ppb
Arsenic	75-2	0.81	0.77	0.81	0.80	2.66	ppb
Barium	135-1	2.44	2.28	2.42	2.38	3.70	ppb
Barium	137-1	2.42	2.48	2.31	2.41	3.56	ppb
Beryllium	9-1	1.05	0.80	0.76	0.87	17.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	56.24	47.88	44.85	49.66	11.88	ppb
Boron	11-1	54.31	49.40	47.45	50.39	7.01	ppb
Cadmium	111-1	0.24	0.19	0.10	0.17	41.55	ppb
Cadmium	106-1	-0.44	-1.10	-2.47	-1.33		ppb
Cadmium	108-1	0.32	0.20	0.29	0.27	22.93	ppb
Calcium	43-1	502875.74	502189.04	497039.33	500701.37	0.64	ppb
Calcium	44-1	502704.12	500185.61	499090.71	500660.15	0.37	ppb
Chromium	52-2	24.80	24.84	23.83	24.49	2.34	ppb
Cobalt	59-2	1.64	1.70	1.70	1.68	2.19	ppb
Copper	63-2	4.06	4.03	3.98	4.02	0.91	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	250617.80	251734.09	246309.54	249553.81	1.15	ppb
Iron	57-2	250810.64	251257.76	246718.29	249595.56	1.00	ppb
Lead	206-1	2.27	2.22	2.23	2.24	1.29	ppb
Lead	207-1	2.03	2.11	2.06	2.07	1.91	ppb
Lead	208-1	2.16	2.16	2.13	2.15	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	499883.10	505502.00	495337.46	500240.86	1.02	ppb
Manganese	55-2	8.46	8.51	8.47	8.48	0.35	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.78	1.79	1.78	1.78	0.36	ppb
Molybdenum	95-1	4.86	4.75	4.77	4.79	1.30	ppb
Molybdenum	96-1	5.22	5.33	5.16	5.24	1.59	ppb
Molybdenum	97-1	4.90	4.53	4.73	4.72	3.93	ppb
Molybdenum	98-1	4.63	4.69	4.73	4.69	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.17	14.84	14.47	14.83	2.36	ppb
Phosphorus	31-2	11.72	15.78	2.13	9.88	70.95	ppb
Potassium	39-2	250885.05	252487.19	247144.92	250172.39	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.42	1.20	1.21	100.29	ppb
Selenium	78-2	0.32	1.89	1.65	1.29	65.59	ppb
Selenium	82-1	0.48	1.14	1.37	1.00	46.36	ppb
Silicon	28-1	19.71	19.19	19.10	19.34	1.71	ppb
Silver	109-1	0.21	0.18	0.17	0.19	11.44	ppb
Silver	107-1	0.22	0.18	0.17	0.19	12.57	ppb
Sodium	23-2	500377.35	502946.40	497675.68	500333.15	0.53	ppb
Strontium	86-1	34.88	34.46	34.26	34.53	0.92	ppb
Strontium	88-1	34.57	34.42	34.35	34.45	0.33	ppb
Sulfur	34-1	-180.34	-148.80	-160.33	-163.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.69	0.65	0.67	0.67	2.79	ppb
Thallium	205-1	0.74	0.71	0.63	0.70	8.17	ppb
Tin	118-1	1.55	1.42	1.47	1.48	4.33	ppb
Titanium	47-1	1.65	1.84	1.69	1.73	6.06	ppb
Uranium	238-1	0.26	0.27	0.25	0.26	5.33	ppb
Vanadium	51-2	0.52	0.52	0.50	0.51	2.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.11	13.50	13.11	13.24	1.69	ppb
Zirconium	90-1	0.35	0.32	0.32	0.33	5.96	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.35	0.35	0.36	4.33	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:26:06	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.66	475.37	476.04	479.69	1.44	ppb
Antimony	121-1	186.88	190.68	193.67	190.41	1.79	ppb
Arsenic	75-2	197.99	198.00	197.18	197.72	0.24	ppb
Barium	135-1	96.14	98.00	99.23	97.79	1.59	ppb
Barium	137-1	98.12	98.22	100.14	98.83	1.15	ppb
Beryllium	9-1	98.39	98.07	100.15	98.87	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	521.82	521.25	541.44	528.17	2.18	ppb
Boron	11-1	529.33	522.73	538.55	530.20	1.50	ppb
Cadmium	111-1	104.84	104.83	107.15	105.61	1.26	ppb
Cadmium	106-1	180.61	174.49	179.12	178.07	1.79	ppb
Cadmium	108-1	144.23	145.70	143.32	144.42	0.83	ppb
Calcium	43-1	2080.23	2012.52	2023.70	2038.82	1.78	ppb
Calcium	44-1	2011.10	1983.99	2048.19	2014.43	1.60	ppb
Chromium	52-2	97.72	95.96	95.59	96.42	1.18	ppb
Cobalt	59-2	100.87	99.34	99.29	99.83	0.90	ppb
Copper	63-2	102.52	99.98	100.98	101.16	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1051.67	1027.79	1034.52	1037.99	1.19	ppb
Iron	57-2	1030.79	1008.35	1031.46	1023.53	1.28	ppb
Lead	206-1	202.41	199.55	202.45	201.47	0.82	ppb
Lead	207-1	192.32	188.40	193.85	191.52	1.47	ppb
Lead	208-1	196.42	193.81	197.99	196.08	1.08	ppb
Lithium	6-1						%
Magnesium	24-2	1176.21	1162.73	1157.82	1165.59	0.82	ppb
Manganese	55-2	99.65	96.75	96.93	97.78	1.66	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:26:06	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.82	487.09	495.15	490.02	0.91	ppb
Molybdenum	95-1	468.38	466.99	474.81	470.06	0.89	ppb
Molybdenum	96-1	468.42	466.98	475.47	470.29	0.97	ppb
Molybdenum	97-1	465.83	463.90	474.18	467.97	1.17	ppb
Molybdenum	98-1	467.58	463.50	476.26	469.11	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.81	102.02	102.13	102.32	0.42	ppb
Phosphorus	31-2	2.69	-6.23	12.39	2.95	315.42	ppb
Potassium	39-2	1944.78	1917.99	1928.40	1930.39	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	187.34	202.72	202.62	197.56	4.48	ppb
Selenium	78-2	202.56	199.49	206.47	202.84	1.73	ppb
Selenium	82-1	196.79	202.14	204.52	201.15	1.97	ppb
Silicon	28-1	524.88	519.84	543.62	529.45	2.37	ppb
Silver	109-1	99.37	100.38	103.25	101.00	1.99	ppb
Silver	107-1	99.96	100.07	103.09	101.04	1.76	ppb
Sodium	23-2	1983.42	1967.64	1946.71	1965.92	0.94	ppb
Strontium	86-1	471.55	472.09	478.50	474.05	0.82	ppb
Strontium	88-1	472.31	475.40	479.57	475.76	0.77	ppb
Sulfur	34-1	-441.08	-439.65	-281.38	-387.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	201.57	196.10	201.26	199.64	1.54	ppb
Thallium	205-1	206.40	203.66	207.66	205.91	0.99	ppb
Tin	118-1	474.52	482.28	487.89	481.56	1.39	ppb
Titanium	47-1	473.03	466.34	483.61	474.33	1.84	ppb
Uranium	238-1	461.43	459.75	473.76	464.98	1.65	ppb
Vanadium	51-2	96.86	95.20	95.82	95.96	0.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	209.82	201.41	203.49	204.91	2.14	ppb
Zirconium	90-1	494.46	495.48	502.49	497.48	0.88	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:26:06	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.59	488.85	500.87	493.77	1.28	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 12:39:29 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.77	-0.18	-0.50		ppb
Antimony	121-1	0.12	0.13	0.12	0.12	4.35	ppb
Arsenic	75-2	0.00	0.00	0.04	0.01	171.29	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.07	0.07	0.09	0.08	15.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.28	4.40	3.32	4.00	14.76	ppb
Boron	11-1	4.41	3.70	3.37	3.82	13.88	ppb
Cadmium	111-1	-0.13	-0.20	-0.22	-0.18		ppb
Cadmium	106-1	-1.77	-2.70	-3.03	-2.50		ppb
Cadmium	108-1	0.05	-0.06	-0.06	-0.03		ppb
Calcium	43-1	-3.20	-2.86	-0.61	-2.22		ppb
Calcium	44-1	-2.91	-2.54	-2.78	-2.74		ppb
Chromium	52-2	0.03	0.00	0.01	0.01	152.71	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.62	0.79	0.79	0.74	13.28	ppb
Iron	57-2	-0.71	0.51	-1.36	-0.52		ppb
Lead	206-1	0.02	0.01	0.02	0.02	60.52	ppb
Lead	207-1	0.02	0.02	0.04	0.02	46.97	ppb
Lead	208-1	0.03	0.02	0.02	0.02	18.77	ppb
Lithium	6-1						%
Magnesium	24-2	-10.32	-7.55	-6.87	-8.25		ppb
Manganese	55-2	-0.18	-0.17	-0.22	-0.19		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:39:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.04	0.02	55.02	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	20.19	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.90	ppb
Molybdenum	97-1	0.04	0.00	0.02	0.02	76.18	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.01	-0.11	-0.10		ppb
Phosphorus	31-2	0.48	-7.98	-3.52	-3.67		ppb
Potassium	39-2	8.12	10.91	10.31	9.78	15.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.05	0.08	-0.52	-0.50		ppb
Selenium	82-1	-0.49	-0.33	-0.61	-0.47		ppb
Silicon	28-1	-0.64	-1.14	-0.34	-0.71		ppb
Silver	109-1	0.00	0.00	0.01	0.01	72.64	ppb
Silver	107-1	0.00	0.01	0.00	0.00	60.45	ppb
Sodium	23-2	10.54	10.85	12.54	11.31	9.52	ppb
Strontium	86-1	-0.06	0.00	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	11.75	44.26	46.89	34.30	57.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	66.86	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	32.49	ppb
Tin	118-1	0.09	0.09	0.10	0.09	5.11	ppb
Titanium	47-1	-0.01	-0.06	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	1734.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.15	0.10	0.15	28.26	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.64	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:39:29	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.03	0.02	44.77	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:42:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89826.53	91533.38	89172.74	90177.55	1.35	ppb
Antimony	121-1	1.23	1.24	1.23	1.23	0.48	ppb
Arsenic	75-2	0.32	0.41	0.39	0.37	12.43	ppb
Barium	135-1	1.44	1.42	1.47	1.44	2.00	ppb
Barium	137-1	1.48	1.38	1.38	1.41	4.00	ppb
Beryllium	9-1	0.24	0.33	0.39	0.32	23.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.15	3.91	4.12	4.06	3.21	ppb
Boron	11-1	3.98	4.57	3.74	4.10	10.42	ppb
Cadmium	111-1	0.03	0.23	0.26	0.17	72.99	ppb
Cadmium	106-1	-3.60	-2.81	-2.56	-2.99		ppb
Cadmium	108-1	10.91	10.04	9.42	10.12	7.38	ppb
Calcium	43-1	92322.78	92805.86	93236.34	92788.33	0.49	ppb
Calcium	44-1	92795.96	92681.00	92628.91	92701.96	0.09	ppb
Chromium	52-2	18.98	19.42	19.02	19.14	1.28	ppb
Cobalt	59-2	1.11	1.14	1.13	1.12	1.49	ppb
Copper	63-2	7.63	7.72	7.63	7.66	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99740.85	100781.75	98803.56	99775.39	0.99	ppb
Iron	57-2	100021.63	101512.81	99404.27	100312.90	1.08	ppb
Lead	206-1	4.57	4.52	4.65	4.58	1.42	ppb
Lead	207-1	3.98	3.97	3.98	3.97	0.14	ppb
Lead	208-1	4.18	4.20	4.26	4.21	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	94235.20	95075.73	92587.18	93966.04	1.35	ppb
Manganese	55-2	7.65	7.43	7.45	7.51	1.64	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:42:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	603.68	607.38	602.06	604.37	0.45	ppb
Molybdenum	95-1	1899.17	1907.02	1909.29	1905.16	0.28	ppb
Molybdenum	96-1	1580.78	1589.55	1580.17	1583.50	0.33	ppb
Molybdenum	97-1	1894.10	1925.28	1891.86	1903.75	0.98	ppb
Molybdenum	98-1	1880.76	1929.48	1878.49	1896.24	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.81	4.95	5.17	4.98	3.72	ppb
Phosphorus	31-2	95689.47	97590.09	95297.05	96192.20	1.27	ppb
Potassium	39-2	95185.81	96011.96	95262.65	95486.81	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.59	0.00	1.17	0.59	99.54	ppb
Selenium	78-2	-0.24	-1.00	1.05	-0.06		ppb
Selenium	82-1	0.73	0.04	0.32	0.37	94.35	ppb
Silicon	28-1	25.13	25.71	25.87	25.57	1.52	ppb
Silver	109-1	0.07	0.10	0.11	0.09	23.61	ppb
Silver	107-1	0.07	0.08	0.09	0.08	12.71	ppb
Sodium	23-2	94116.10	96172.34	94187.43	94825.29	1.23	ppb
Strontium	86-1	32.32	33.19	33.22	32.91	1.55	ppb
Strontium	88-1	32.86	33.06	32.86	32.92	0.35	ppb
Sulfur	34-1	98872.99	99327.64	99649.41	99283.35	0.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.07	0.07	4.42	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.16	ppb
Tin	118-1	0.33	0.35	0.29	0.32	8.87	ppb
Titanium	47-1	1915.47	1901.37	1925.26	1914.04	0.63	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.25	ppb
Vanadium	51-2	0.18	0.15	0.16	0.16	9.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.97	11.66	11.45	11.70	2.24	ppb
Zirconium	90-1	0.36	0.32	0.33	0.33	6.40	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:42:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.33	0.32	0.31	7.65	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89873.87	90747.48	91526.54	90715.96	0.91	ppb
Antimony	121-1	20.00	20.39	19.75	20.05	1.59	ppb
Arsenic	75-2	19.49	19.97	19.45	19.64	1.48	ppb
Barium	135-1	20.86	22.22	21.02	21.37	3.49	ppb
Barium	137-1	20.99	22.21	21.15	21.45	3.10	ppb
Beryllium	9-1	20.07	21.00	20.15	20.41	2.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	58.03	57.27	55.94	57.08	1.86	ppb
Boron	11-1	58.28	58.97	56.84	58.03	1.88	ppb
Cadmium	111-1	19.47	20.40	19.06	19.64	3.49	ppb
Cadmium	106-1	21.19	23.51	23.47	22.72	5.84	ppb
Cadmium	108-1	32.80	35.20	32.76	33.59	4.17	ppb
Calcium	43-1	92498.12	98410.09	93100.54	94669.58	3.44	ppb
Calcium	44-1	91631.27	97780.26	92500.59	93970.70	3.54	ppb
Chromium	52-2	38.30	38.70	39.38	38.79	1.40	ppb
Cobalt	59-2	20.61	20.79	21.26	20.89	1.63	ppb
Copper	63-2	27.12	27.51	27.67	27.44	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98663.22	99834.35	101046.13	99847.90	1.19	ppb
Iron	57-2	99177.81	101131.16	102129.66	100812.88	1.49	ppb
Lead	206-1	24.79	25.42	24.83	25.01	1.41	ppb
Lead	207-1	22.30	23.25	22.65	22.73	2.12	ppb
Lead	208-1	23.26	24.02	23.45	23.58	1.67	ppb
Lithium	6-1						%
Magnesium	24-2	93073.92	94420.65	94910.33	94134.96	1.01	ppb
Manganese	55-2	27.09	27.66	27.68	27.48	1.21	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	660.07	684.12	652.64	665.61	2.47	ppb
Molybdenum	95-1	1972.56	2033.03	1937.71	1981.10	2.43	ppb
Molybdenum	96-1	1656.87	1709.79	1622.23	1662.97	2.65	ppb
Molybdenum	97-1	1965.02	2026.05	1945.17	1978.75	2.13	ppb
Molybdenum	98-1	1947.92	1991.54	1915.06	1951.51	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.42	24.66	24.70	24.59	0.61	ppb
Phosphorus	31-2	95155.91	97110.46	97342.76	96536.38	1.24	ppb
Potassium	39-2	95124.31	96599.25	98148.32	96623.96	1.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	20.02	20.46	16.32	18.93	12.00	ppb
Selenium	78-2	17.41	19.10	20.17	18.90	7.37	ppb
Selenium	82-1	19.31	18.55	18.90	18.92	2.01	ppb
Silicon	28-1	82.23	92.77	83.23	86.08	6.76	ppb
Silver	109-1	18.27	19.34	18.15	18.59	3.54	ppb
Silver	107-1	18.51	18.98	18.31	18.60	1.87	ppb
Sodium	23-2	93409.71	95480.00	96376.18	95088.63	1.60	ppb
Strontium	86-1	82.46	85.68	82.31	83.48	2.28	ppb
Strontium	88-1	83.75	85.63	82.67	84.02	1.78	ppb
Sulfur	34-1	98222.26	105299.88	98833.17	100785.10	3.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.72	20.61	20.02	20.12	2.24	ppb
Thallium	205-1	19.87	20.96	20.49	20.44	2.69	ppb
Tin	118-1	49.61	51.90	49.07	50.19	2.99	ppb
Titanium	47-1	1958.67	2073.56	1963.79	1998.67	3.25	ppb
Uranium	238-1	49.51	51.22	50.02	50.25	1.75	ppb
Vanadium	51-2	19.32	19.72	19.89	19.64	1.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.39	32.40	32.49	32.09	1.90	ppb
Zirconium	90-1	52.30	54.19	51.94	52.81	2.30	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.91	53.87	52.10	52.63	2.06	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9191.08	9083.38	9219.38	9164.62	0.78	ppb
Antimony	121-1	0.24	0.25	0.25	0.24	2.30	ppb
Arsenic	75-2	0.18	0.19	0.16	0.18	10.72	ppb
Barium	135-1	0.16	0.15	0.11	0.14	18.02	ppb
Barium	137-1	0.15	0.13	0.16	0.14	9.85	ppb
Beryllium	9-1	0.09	0.10	0.07	0.09	16.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.07	3.00	3.18	3.09	2.91	ppb
Boron	11-1	3.37	3.21	2.58	3.05	13.78	ppb
Cadmium	111-1	-0.15	-0.08	-0.16	-0.13		ppb
Cadmium	106-1	-2.86	-1.64	-2.50	-2.34		ppb
Cadmium	108-1	1.44	1.46	1.77	1.56	11.83	ppb
Calcium	43-1	9273.72	9556.98	9387.80	9406.17	1.52	ppb
Calcium	44-1	9354.74	9713.78	9603.92	9557.48	1.92	ppb
Chromium	52-2	2.03	1.96	1.94	1.98	2.44	ppb
Cobalt	59-2	0.19	0.19	0.21	0.20	6.95	ppb
Copper	63-2	1.33	1.27	1.28	1.29	2.17	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	10273.14	10190.57	10189.67	10217.79	0.47	ppb
Iron	57-2	10092.63	10101.12	10071.05	10088.27	0.15	ppb
Lead	206-1	0.69	0.70	0.63	0.67	5.43	ppb
Lead	207-1	0.56	0.64	0.63	0.61	7.39	ppb
Lead	208-1	0.63	0.66	0.62	0.64	3.42	ppb
Lithium	6-1						%
Magnesium	24-2	9626.61	9572.61	9628.52	9609.25	0.33	ppb
Manganese	55-2	81.18	80.51	81.48	81.06	0.62	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	61.76	63.82	62.77	62.78	1.64	ppb
Molybdenum	95-1	182.62	189.63	185.56	185.94	1.89	ppb
Molybdenum	96-1	154.25	159.99	155.09	156.44	1.98	ppb
Molybdenum	97-1	184.73	189.02	185.64	186.46	1.21	ppb
Molybdenum	98-1	183.74	189.43	184.33	185.83	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.74	0.73	0.73	0.97	ppb
Phosphorus	31-2	9675.57	9587.04	9717.20	9659.94	0.69	ppb
Potassium	39-2	9800.92	9790.61	9838.32	9809.95	0.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.57	0.00	0.19	173.21	ppb
Selenium	78-2	0.61	0.65	-0.45	0.27	228.91	ppb
Selenium	82-1	0.54	-1.03	-0.42	-0.30		ppb
Silicon	28-1	1.40	3.97	2.47	2.61	49.48	ppb
Silver	109-1	0.06	0.06	0.06	0.06	0.81	ppb
Silver	107-1	0.07	0.06	0.07	0.07	7.96	ppb
Sodium	23-2	9861.40	9847.95	9822.11	9843.82	0.20	ppb
Strontium	86-1	3.51	3.45	3.20	3.39	4.82	ppb
Strontium	88-1	3.29	3.37	3.23	3.30	2.22	ppb
Sulfur	34-1	9022.38	9539.21	9303.85	9288.48	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	19.61	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	4.92	ppb
Tin	118-1	0.15	0.15	0.12	0.14	13.07	ppb
Titanium	47-1	191.49	193.41	194.74	193.21	0.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.05	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	19.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.73	11.21	10.64	10.86	2.79	ppb
Zirconium	90-1	5.01	5.14	5.26	5.14	2.48	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.93	5.18	4.97	5.03	2.62	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9343.45	9145.86	9042.85	9177.38	1.66	ppb
Antimony	121-1	2.04	2.03	2.07	2.05	1.09	ppb
Arsenic	75-2	1.98	2.21	2.15	2.12	5.59	ppb
Barium	135-1	2.21	2.16	2.01	2.13	4.76	ppb
Barium	137-1	2.23	2.03	2.18	2.15	4.87	ppb
Beryllium	9-1	2.12	1.97	2.07	2.05	3.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.41	7.60	8.04	8.02	5.02	ppb
Boron	11-1	8.47	7.32	7.28	7.69	8.79	ppb
Cadmium	111-1	1.93	1.93	1.91	1.92	0.69	ppb
Cadmium	106-1	-0.32	0.08	-0.47	-0.24		ppb
Cadmium	108-1	3.50	4.08	3.77	3.78	7.62	ppb
Calcium	43-1	9754.18	9449.13	9296.84	9500.05	2.45	ppb
Calcium	44-1	10110.72	9520.16	9597.40	9742.76	3.29	ppb
Chromium	52-2	3.89	3.91	3.81	3.87	1.31	ppb
Cobalt	59-2	2.19	2.06	2.05	2.10	3.65	ppb
Copper	63-2	3.03	3.07	2.94	3.01	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10534.05	10315.46	10074.31	10307.94	2.23	ppb
Iron	57-2	10329.45	10168.28	9900.74	10132.83	2.14	ppb
Lead	206-1	2.77	2.60	2.64	2.67	3.38	ppb
Lead	207-1	2.52	2.37	2.50	2.46	3.36	ppb
Lead	208-1	2.57	2.49	2.52	2.53	1.53	ppb
Lithium	6-1						%
Magnesium	24-2	9841.52	9592.28	9411.53	9615.11	2.25	ppb
Manganese	55-2	3.96	3.97	4.05	4.00	1.23	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	67.83	63.96	65.29	65.69	2.99	ppb
Molybdenum	95-1	199.26	191.10	193.75	194.70	2.14	ppb
Molybdenum	96-1	168.76	159.46	163.57	163.93	2.84	ppb
Molybdenum	97-1	199.46	189.18	193.01	193.88	2.68	ppb
Molybdenum	98-1	201.14	189.68	192.41	194.41	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.48	2.54	2.53	1.45	ppb
Phosphorus	31-2	9721.93	9815.70	9657.00	9731.54	0.82	ppb
Potassium	39-2	9990.41	9761.23	9583.89	9778.51	2.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.31	1.70	1.11	1.71	35.01	ppb
Selenium	78-2	2.13	1.57	2.93	2.21	31.05	ppb
Selenium	82-1	2.63	1.76	0.83	1.74	51.73	ppb
Silicon	28-1	11.49	6.27	7.34	8.37	32.96	ppb
Silver	109-1	2.05	1.92	2.02	2.00	3.49	ppb
Silver	107-1	2.02	1.97	2.02	2.00	1.30	ppb
Sodium	23-2	10023.99	9760.82	9563.96	9782.92	2.36	ppb
Strontium	86-1	8.58	8.27	8.31	8.39	1.98	ppb
Strontium	88-1	8.65	8.43	8.23	8.43	2.49	ppb
Sulfur	34-1	9373.48	8627.33	8554.21	8851.67	5.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2.04	1.99	2.05	2.03	1.57	ppb
Thallium	205-1	2.04	2.03	2.05	2.04	0.39	ppb
Tin	118-1	5.37	5.13	5.25	5.25	2.25	ppb
Titanium	47-1	208.06	198.64	196.76	201.16	3.01	ppb
Uranium	238-1	4.89	4.76	4.76	4.80	1.55	ppb
Vanadium	51-2	1.95	2.02	1.93	1.97	2.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.77	3.54	3.34	3.55	6.04	ppb
Zirconium	90-1	5.48	5.26	5.38	5.37	2.03	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.50	5.22	5.20	5.30	3.16	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51090.52	49726.65	51170.05	50662.41	1.60	ppb
Antimony	121-1	496.23	486.82	487.13	490.06	1.09	ppb
Arsenic	75-2	513.31	495.68	510.67	506.55	1.88	ppb
Barium	135-1	2570.71	2537.05	2511.29	2539.69	1.17	ppb
Barium	137-1	2534.48	2510.13	2471.57	2505.39	1.27	ppb
Beryllium	9-1	531.83	527.78	531.53	530.38	0.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.14	519.53	536.89	526.52	1.74	ppb
Boron	11-1	521.81	525.42	536.83	528.02	1.48	ppb
Cadmium	111-1	497.07	483.40	483.42	487.97	1.62	ppb
Cadmium	106-1	500.85	490.33	504.22	498.47	1.45	ppb
Cadmium	108-1	501.86	490.76	494.24	495.62	1.15	ppb
Calcium	43-1	239244.54	240203.15	241570.39	240339.36	0.49	ppb
Calcium	44-1	241439.63	239215.55	240483.17	240379.45	0.46	ppb
Chromium	52-2	516.96	501.53	513.10	510.53	1.57	ppb
Cobalt	59-2	493.74	481.68	490.88	488.77	1.29	ppb
Copper	63-2	967.54	944.00	960.17	957.24	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	127158.19	123187.10	125120.98	125155.42	1.59	ppb
Iron	57-2	127475.21	122880.23	125366.53	125240.66	1.84	ppb
Lead	206-1	508.53	507.87	512.12	509.51	0.45	ppb
Lead	207-1	504.79	502.50	503.47	503.59	0.23	ppb
Lead	208-1	507.47	507.23	505.74	506.81	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	248790.74	241882.83	247006.70	245893.42	1.46	ppb
Manganese	55-2	1019.36	994.23	1010.32	1007.97	1.26	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	519.46	519.60	521.58	520.21	0.23	ppb
Molybdenum	95-1	505.21	504.00	508.03	505.75	0.41	ppb
Molybdenum	96-1	507.56	503.40	510.79	507.25	0.73	ppb
Molybdenum	97-1	501.27	497.90	503.12	500.76	0.53	ppb
Molybdenum	98-1	502.09	499.70	506.15	502.65	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.43	484.22	491.97	490.54	1.17	ppb
Phosphorus	31-2	10312.22	9920.80	10347.86	10193.63	2.32	ppb
Potassium	39-2	127190.60	123794.48	126702.07	125895.72	1.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.95	506.35	512.27	512.86	1.33	ppb
Selenium	78-2	507.61	495.15	513.40	505.39	1.85	ppb
Selenium	82-1	479.97	481.72	479.81	480.50	0.22	ppb
Silicon	28-1	594.59	597.03	603.58	598.40	0.78	ppb
Silver	109-1	491.47	481.47	480.81	484.58	1.23	ppb
Silver	107-1	490.50	482.56	484.02	485.69	0.87	ppb
Sodium	23-2	248983.46	243613.54	250397.05	247664.69	1.45	ppb
Strontium	86-1	509.08	509.33	513.93	510.78	0.54	ppb
Strontium	88-1	514.07	510.52	516.12	513.57	0.55	ppb
Sulfur	34-1	9590.08	9439.63	9713.43	9581.05	1.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.17	504.82	511.99	508.33	0.71	ppb
Thallium	205-1	507.86	507.96	516.56	510.79	0.98	ppb
Tin	118-1	507.68	495.48	498.03	500.40	1.29	ppb
Titanium	47-1	508.29	502.67	510.06	507.00	0.76	ppb
Uranium	238-1	527.78	513.47	515.95	519.07	1.47	ppb
Vanadium	51-2	512.82	500.04	509.52	507.46	1.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	969.80	941.80	955.50	955.70	1.46	ppb
Zirconium	90-1	522.53	519.60	523.23	521.79	0.37	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.85	521.62	520.68	520.38	0.27	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 13:07:45 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-0.71	-0.83	-0.46		ppb
Antimony	121-1	0.19	0.17	0.19	0.18	7.34	ppb
Arsenic	75-2	0.02	0.02	0.04	0.02	41.86	ppb
Barium	135-1	-0.01	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.09	0.13	0.15	0.12	24.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.43	5.49	6.09	5.34	15.76	ppb
Boron	11-1	4.97	5.12	5.03	5.04	1.51	ppb
Cadmium	111-1	-0.12	-0.25	-0.16	-0.18		ppb
Cadmium	106-1	-1.68	-3.42	-2.19	-2.43		ppb
Cadmium	108-1	0.05	0.02	-0.04	0.01	435.49	ppb
Calcium	43-1	-1.02	-5.10	-2.62	-2.91		ppb
Calcium	44-1	-2.80	-1.70	-3.43	-2.64		ppb
Chromium	52-2	0.05	0.04	0.03	0.04	22.24	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	48.55	ppb
Copper	63-2	0.00	0.00	0.02	0.01	114.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.42	2.45	2.48	2.45	1.15	ppb
Iron	57-2	0.54	3.86	1.84	2.08	80.44	ppb
Lead	206-1	0.01	0.01	0.01	0.01	4.18	ppb
Lead	207-1	0.02	0.01	0.03	0.02	59.06	ppb
Lead	208-1	0.02	0.02	0.02	0.02	16.62	ppb
Lithium	6-1						%
Magnesium	24-2	-8.71	-10.49	-7.68	-8.96		ppb
Manganese	55-2	-0.26	-0.21	-0.21	-0.22		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:07:45	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.05	0.06	16.57	ppb
Molybdenum	95-1	0.04	0.10	0.06	0.07	41.21	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	8.12	ppb
Molybdenum	97-1	0.09	0.06	0.07	0.07	17.20	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	0.03	-0.13	-0.08		ppb
Phosphorus	31-2	-1.20	-2.66	-9.27	-4.37		ppb
Potassium	39-2	19.73	22.10	15.61	19.14	17.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	0.37	-0.02	0.06	476.83	ppb
Selenium	82-1	-0.50	-0.47	-0.86	-0.61		ppb
Silicon	28-1	0.44	-0.13	-0.69	-0.13		ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.16	ppb
Silver	107-1	0.02	0.01	0.02	0.02	8.82	ppb
Sodium	23-2	26.97	26.75	26.55	26.75	0.79	ppb
Strontium	86-1	0.01	-0.04	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-221.91	-270.26	-331.44	-274.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.01	0.02	39.19	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	13.24	ppb
Tin	118-1	0.08	0.09	0.07	0.08	15.74	ppb
Titanium	47-1	0.00	-0.01	0.02	0.00	632.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	391.02	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.22	0.13	0.08	0.15	48.34	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.85	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:07:45	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.05	0.07	0.06	15.25	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.09	18.20	19.42	18.23	6.39	ppb
Antimony	121-1	2.00	1.94	1.97	1.97	1.51	ppb
Arsenic	75-2	0.98	1.03	1.00	1.01	2.53	ppb
Barium	135-1	9.31	8.71	9.07	9.03	3.35	ppb
Barium	137-1	9.24	8.96	9.19	9.13	1.65	ppb
Beryllium	9-1	1.11	1.16	1.21	1.16	4.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.00	26.39	26.40	25.93	3.11	ppb
Boron	11-1	26.01	25.01	25.16	25.39	2.12	ppb
Cadmium	111-1	0.87	0.79	0.95	0.87	9.03	ppb
Cadmium	106-1	-0.23	-0.66	0.05	-0.28		ppb
Cadmium	108-1	0.87	1.17	1.22	1.09	17.08	ppb
Calcium	43-1	432.27	434.57	452.77	439.87	2.55	ppb
Calcium	44-1	436.56	438.17	438.98	437.90	0.28	ppb
Chromium	52-2	2.02	2.06	1.98	2.02	1.81	ppb
Cobalt	59-2	0.94	0.93	0.93	0.93	0.45	ppb
Copper	63-2	2.06	2.05	2.22	2.11	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.47	49.70	49.43	49.20	1.31	ppb
Iron	57-2	46.56	46.62	48.59	47.26	2.44	ppb
Lead	206-1	1.01	1.10	1.14	1.08	6.25	ppb
Lead	207-1	1.09	1.05	1.09	1.08	2.39	ppb
Lead	208-1	1.04	1.09	1.09	1.07	2.77	ppb
Lithium	6-1						%
Magnesium	24-2	446.96	450.56	449.24	448.92	0.41	ppb
Manganese	55-2	0.69	0.72	0.71	0.71	2.62	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.13	2.10	2.15	2.13	1.32	ppb
Molybdenum	95-1	4.41	4.27	4.38	4.35	1.67	ppb
Molybdenum	96-1	3.87	3.76	3.86	3.83	1.58	ppb
Molybdenum	97-1	4.49	4.43	4.47	4.47	0.69	ppb
Molybdenum	98-1	4.44	4.52	4.31	4.42	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.90	0.72	0.81	11.45	ppb
Phosphorus	31-2	-5.74	-3.10	13.79	1.65	640.96	ppb
Potassium	39-2	454.95	479.57	477.94	470.82	2.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.85	7.65	6.44	6.65	13.78	ppb
Selenium	78-2	6.95	6.24	3.43	5.54	33.60	ppb
Selenium	82-1	4.71	4.26	4.68	4.55	5.54	ppb
Silicon	28-1	10.73	11.22	11.14	11.03	2.38	ppb
Silver	109-1	1.28	1.21	1.29	1.26	3.42	ppb
Silver	107-1	1.25	1.31	1.28	1.28	2.24	ppb
Sodium	23-2	483.86	501.33	496.61	493.93	1.83	ppb
Strontium	86-1	1.03	0.81	0.86	0.90	12.61	ppb
Strontium	88-1	0.92	0.96	0.94	0.94	1.88	ppb
Sulfur	34-1	-242.42	-202.67	-61.33	-168.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.90	0.91	0.92	2.72	ppb
Thallium	205-1	0.89	0.94	0.97	0.94	4.43	ppb
Tin	118-1	4.53	4.53	4.66	4.57	1.64	ppb
Titanium	47-1	4.48	4.71	4.49	4.56	2.86	ppb
Uranium	238-1	0.88	0.85	0.86	0.86	1.84	ppb
Vanadium	51-2	4.60	4.53	4.60	4.58	0.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.81	2.33	2.30	2.15	13.67	ppb
Zirconium	90-1	1.05	1.07	1.05	1.06	0.98	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.06	1.12	1.03	1.07	3.98	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51130.17	51101.65	51110.17	51114.00	0.03	ppb
Antimony	121-1	494.13	497.16	491.56	494.28	0.57	ppb
Arsenic	75-2	503.23	499.17	499.34	500.58	0.46	ppb
Barium	135-1	2539.12	2550.88	2537.40	2542.46	0.29	ppb
Barium	137-1	2538.90	2542.03	2496.97	2525.97	1.00	ppb
Beryllium	9-1	529.18	524.11	530.07	527.79	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.81	505.05	538.92	522.59	3.25	ppb
Boron	11-1	517.07	518.26	530.38	521.90	1.41	ppb
Cadmium	111-1	488.06	490.58	481.92	486.85	0.91	ppb
Cadmium	106-1	501.23	496.62	500.84	499.56	0.51	ppb
Cadmium	108-1	495.87	495.10	496.61	495.86	0.15	ppb
Calcium	43-1	244661.30	241719.98	244374.80	243585.36	0.67	ppb
Calcium	44-1	243427.24	243436.54	242570.24	243144.67	0.20	ppb
Chromium	52-2	509.73	509.40	510.93	510.02	0.16	ppb
Cobalt	59-2	489.27	486.19	488.76	488.07	0.34	ppb
Copper	63-2	954.17	954.13	956.07	954.79	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	125494.77	123540.34	124340.27	124458.46	0.79	ppb
Iron	57-2	126142.81	123901.23	124020.01	124688.02	1.01	ppb
Lead	206-1	520.78	517.01	517.31	518.37	0.40	ppb
Lead	207-1	513.76	510.06	513.38	512.40	0.40	ppb
Lead	208-1	520.19	514.28	515.93	516.80	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	249559.26	248547.52	247902.34	248669.71	0.34	ppb
Manganese	55-2	1007.08	999.54	1005.18	1003.93	0.39	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	530.12	517.71	527.88	525.23	1.26	ppb
Molybdenum	95-1	513.24	502.27	513.57	509.69	1.26	ppb
Molybdenum	96-1	513.47	504.15	513.47	510.36	1.05	ppb
Molybdenum	97-1	507.72	506.60	510.11	508.15	0.35	ppb
Molybdenum	98-1	510.70	506.64	507.27	508.20	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.85	486.16	488.70	487.90	0.31	ppb
Phosphorus	31-2	10196.72	10237.85	10311.36	10248.64	0.57	ppb
Potassium	39-2	125326.03	124761.51	125230.51	125106.02	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	512.47	523.82	543.95	526.74	3.03	ppb
Selenium	78-2	506.90	489.49	497.07	497.82	1.75	ppb
Selenium	82-1	490.45	491.51	491.27	491.08	0.11	ppb
Silicon	28-1	606.68	607.51	611.68	608.62	0.44	ppb
Silver	109-1	485.11	489.66	483.45	486.07	0.66	ppb
Silver	107-1	483.36	486.52	481.52	483.80	0.52	ppb
Sodium	23-2	251235.38	248933.53	249695.52	249954.81	0.47	ppb
Strontium	86-1	519.20	515.03	518.75	517.66	0.44	ppb
Strontium	88-1	521.34	513.92	518.19	517.82	0.72	ppb
Sulfur	34-1	10611.09	10294.61	10231.51	10379.07	1.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	510.92	507.28	514.70	510.96	0.73	ppb
Thallium	205-1	521.99	511.04	519.40	517.48	1.11	ppb
Tin	118-1	502.20	504.16	501.61	502.65	0.27	ppb
Titanium	47-1	510.57	515.95	509.29	511.94	0.69	ppb
Uranium	238-1	528.99	524.91	524.83	526.25	0.45	ppb
Vanadium	51-2	504.16	505.19	505.74	505.03	0.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	955.23	956.06	950.20	953.83	0.33	ppb
Zirconium	90-1	530.23	525.78	526.58	527.53	0.45	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	529.77	519.30	530.07	526.38	1.17	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	-1.08	-1.43	-1.23		ppb
Antimony	121-1	0.18	0.19	0.18	0.18	4.41	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	82.85	ppb
Barium	135-1	0.00	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.17	0.12	0.12	0.14	20.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.33	4.11	4.77	4.40	7.59	ppb
Boron	11-1	4.55	4.63	4.58	4.59	0.92	ppb
Cadmium	111-1	-0.18	-0.28	-0.17	-0.21		ppb
Cadmium	106-1	-2.55	-3.85	-2.39	-2.93		ppb
Cadmium	108-1	-0.06	-0.06	-0.04	-0.05		ppb
Calcium	43-1	-7.68	-5.99	-8.53	-7.40		ppb
Calcium	44-1	-8.67	-8.98	-8.04	-8.57		ppb
Chromium	52-2	0.00	0.02	0.01	0.01	84.27	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.04	-0.05	-0.01	-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	0.99	0.89	0.86	0.91	7.52	ppb
Iron	57-2	0.51	2.24	1.82	1.53	59.07	ppb
Lead	206-1	-0.02	-0.02	-0.01	-0.01		ppb
Lead	207-1	0.02	0.02	0.01	0.01	41.18	ppb
Lead	208-1	0.00	0.00	0.00	0.00	66.72	ppb
Lithium	6-1						%
Magnesium	24-2	-12.58	-12.13	-12.39	-12.37		ppb
Manganese	55-2	-0.34	-0.32	-0.34	-0.33		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	13.45	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	12.92	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	11.80	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	32.17	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	26.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.29	-0.33	-0.29		ppb
Phosphorus	31-2	24.20	19.98	13.81	19.33	27.03	ppb
Potassium	39-2	11.33	10.74	4.48	8.85	42.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	0.75	0.27	0.59	46.54	ppb
Selenium	82-1	-0.44	0.33	-0.83	-0.31		ppb
Silicon	28-1	-2.51	-1.18	-2.48	-2.06		ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.85	ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.74	ppb
Sodium	23-2	16.43	16.38	16.60	16.47	0.69	ppb
Strontium	86-1	-0.03	-0.01	0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-185.95	32.53	-86.16	-79.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	20.34	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	10.49	ppb
Tin	118-1	0.11	0.12	0.12	0.12	2.61	ppb
Titanium	47-1	-0.05	-0.02	-0.06	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.23	-0.19	-0.18	-0.20		ppb
Zirconium	90-1	0.08	0.07	0.06	0.07	15.38	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.05	0.08	35.78	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : PB100654BL Instrumnet Name : P7
 Client Sample ID : PB100654BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 15:11:53 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	-1.39	-1.18	-1.07		ppb
Antimony	121-1	0.03	0.02	0.02	0.03	23.65	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	0.00	0.03	0.01	251.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.48	-0.09	-0.21	0.06	604.69	ppb
Boron	11-1	0.06	-0.17	0.05	-0.02		ppb
Cadmium	111-1	-0.38	-0.27	-0.29	-0.31		ppb
Cadmium	106-1	-5.10	-3.64	-3.99	-4.25		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-5.25	-6.89	-4.06	-5.40		ppb
Calcium	44-1	-7.33	-8.41	-7.40	-7.72		ppb
Chromium	52-2	-0.02	0.03	0.11	0.04	154.62	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.10	-0.11	-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	-0.81	-0.80	-0.70	-0.77		ppb
Iron	57-2	-1.69	0.84	-1.15	-0.67		ppb
Lead	206-1	-0.03	-0.04	-0.03	-0.03		ppb
Lead	207-1	-0.03	-0.04	-0.01	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	-8.26	-6.86	-7.40	-7.51		ppb
Manganese	55-2	-0.39	-0.36	-0.35	-0.37		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BL	Instrumnet Name :	P7
Client Sample ID :	PB100654BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:11:53	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	524.66	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	306.36	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.34	-0.36	-0.35		ppb
Phosphorus	31-2	4.88	4.77	-7.38	0.76	930.88	ppb
Potassium	39-2	4.73	12.14	11.60	9.49	43.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	1.35	0.54	0.62	113.59	ppb
Selenium	82-1	-0.43	-0.79	-0.57	-0.60		ppb
Silicon	28-1	-0.86	-0.58	-1.14	-0.86		ppb
Silver	109-1	0.00	0.00	0.00	0.00	274.55	ppb
Silver	107-1	0.00	0.00	0.00	0.00	779.34	ppb
Sodium	23-2	4.63	6.31	6.54	5.83	17.92	ppb
Strontium	86-1	-0.11	0.08	0.02	0.00		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	349.16	368.55	256.72	324.81	18.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	83.99	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2620.07	ppb
Tin	118-1	0.05	0.05	0.05	0.05	7.34	ppb
Titanium	47-1	0.04	-0.04	-0.06	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.11	-0.07	-0.23	-0.14		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	34.21	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BL	Instrumnet Name :	P7
Client Sample ID :	PB100654BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:11:53	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	34.64	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9813.27	9837.77	9747.03	9799.36	0.48	ppb
Antimony	121-1	485.19	509.48	494.99	496.56	2.46	ppb
Arsenic	75-2	496.90	502.36	495.65	498.31	0.72	ppb
Barium	135-1	2497.86	2590.42	2536.68	2541.65	1.83	ppb
Barium	137-1	2480.04	2553.90	2506.12	2513.35	1.49	ppb
Beryllium	9-1	495.78	512.15	498.82	502.25	1.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	464.16	491.25	495.43	483.61	3.51	ppb
Boron	11-1	470.23	491.35	484.21	481.93	2.23	ppb
Cadmium	111-1	501.74	517.23	499.33	506.10	1.92	ppb
Cadmium	106-1	510.50	523.09	498.78	510.79	2.38	ppb
Cadmium	108-1	508.14	517.64	496.31	507.36	2.11	ppb
Calcium	43-1	47437.98	50978.37	48568.36	48994.90	3.69	ppb
Calcium	44-1	47456.61	50689.30	48204.07	48783.32	3.47	ppb
Chromium	52-2	493.70	498.31	496.44	496.15	0.47	ppb
Cobalt	59-2	493.19	501.38	498.49	497.69	0.83	ppb
Copper	63-2	992.48	1003.00	995.74	997.07	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	25652.86	25646.04	25627.65	25642.18	0.05	ppb
Iron	57-2	25452.00	25608.39	25465.78	25508.72	0.34	ppb
Lead	206-1	503.95	527.15	501.72	510.94	2.76	ppb
Lead	207-1	496.06	520.26	491.61	502.64	3.07	ppb
Lead	208-1	500.11	521.51	495.40	505.67	2.75	ppb
Lithium	6-1						%
Magnesium	24-2	49949.43	50009.87	49824.92	49928.07	0.19	ppb
Manganese	55-2	991.93	1001.05	995.83	996.27	0.46	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.21	525.29	513.14	514.21	2.06	ppb
Molybdenum	95-1	497.21	513.70	498.47	503.13	1.82	ppb
Molybdenum	96-1	495.81	510.86	494.53	500.40	1.82	ppb
Molybdenum	97-1	491.56	511.65	492.31	498.51	2.28	ppb
Molybdenum	98-1	493.66	514.55	492.83	500.34	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.05	499.48	500.09	498.87	0.32	ppb
Phosphorus	31-2	10004.99	10352.16	10021.58	10126.24	1.93	ppb
Potassium	39-2	24987.90	25322.67	25254.89	25188.49	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	553.97	513.11	518.33	528.47	4.21	ppb
Selenium	78-2	500.30	515.22	507.69	507.74	1.47	ppb
Selenium	82-1	506.34	525.00	502.52	511.29	2.35	ppb
Silicon	28-1	563.19	604.27	574.14	580.54	3.66	ppb
Silver	109-1	498.16	513.93	498.26	503.45	1.80	ppb
Silver	107-1	496.47	513.80	495.23	501.83	2.07	ppb
Sodium	23-2	49389.74	49636.17	49204.17	49410.03	0.44	ppb
Strontium	86-1	493.87	516.98	499.71	503.52	2.39	ppb
Strontium	88-1	492.67	514.66	496.53	501.28	2.34	ppb
Sulfur	34-1	9846.30	10942.12	9950.79	10246.40	5.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.97	518.68	493.06	503.24	2.70	ppb
Thallium	205-1	495.22	521.85	491.84	502.97	3.27	ppb
Tin	118-1	496.45	516.82	501.74	505.00	2.09	ppb
Titanium	47-1	493.46	521.82	500.77	505.35	2.91	ppb
Uranium	238-1	488.10	513.56	487.66	496.44	2.99	ppb
Vanadium	51-2	494.95	499.11	497.36	497.14	0.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	998.05	1003.78	1001.05	1000.96	0.29	ppb
Zirconium	90-1	505.30	527.96	511.30	514.86	2.28	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.61	529.12	512.60	516.77	2.10	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.66	-0.96	-0.70		ppb
Antimony	121-1	0.18	0.19	0.17	0.18	2.98	ppb
Arsenic	75-2	0.02	0.04	0.05	0.03	41.07	ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00	192.33	ppb
Beryllium	9-1	0.12	0.18	0.12	0.14	25.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.49	6.68	6.44	6.87	8.03	ppb
Boron	11-1	7.38	6.64	6.80	6.94	5.64	ppb
Cadmium	111-1	-0.22	-0.24	-0.21	-0.23		ppb
Cadmium	106-1	-3.14	-3.40	-3.04	-3.19		ppb
Cadmium	108-1	0.02	-0.04	-0.04	-0.02		ppb
Calcium	43-1	12.51	7.75	6.69	8.98	34.51	ppb
Calcium	44-1	9.28	8.66	8.93	8.96	3.46	ppb
Chromium	52-2	0.07	0.08	0.11	0.08	26.98	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.07	-0.08	-0.07		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	0.12	0.06	3.41	1.20	160.53	ppb
Iron	57-2	-0.39	-0.56	0.07	-0.29		ppb
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.00	0.01	0.02	0.01	67.61	ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	-11.54	-9.70	-9.08	-10.10		ppb
Manganese	55-2	-0.27	-0.26	-0.20	-0.24		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.00	0.02	0.02	85.37	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	17.53	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.06	17.50	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	25.78	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	24.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.32	-0.33	-0.33		ppb
Phosphorus	31-2	-6.65	-6.37	-9.77	-7.60		ppb
Potassium	39-2	-3.33	0.92	5.86	1.15	401.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.56	0.00	0.58	0.38	86.63	ppb
Selenium	78-2	0.04	0.68	0.89	0.54	82.26	ppb
Selenium	82-1	0.02	0.01	0.32	0.12	150.92	ppb
Silicon	28-1	-8.66	-8.14	-7.66	-8.15		ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.75	ppb
Silver	107-1	0.01	0.00	0.00	0.01	66.73	ppb
Sodium	23-2	9.31	11.24	11.20	10.58	10.45	ppb
Strontium	86-1	-0.02	-0.05	0.00	-0.02		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	9.28	ppb
Sulfur	34-1	-764.29	-758.89	-689.63	-737.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	18.80	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	22.44	ppb
Tin	118-1	0.04	0.00	0.00	0.01	156.22	ppb
Titanium	47-1	0.00	-0.04	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	275.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.09	0.10	0.00	4777.44	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	66.64	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	82.53	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.65	-0.88	-0.55	-1.03		ppb
Antimony	121-1	0.11	0.11	0.10	0.11	5.76	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.02	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	285.87	ppb
Beryllium	9-1	0.05	0.10	0.07	0.07	33.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.00	4.05	3.92	3.99	1.57	ppb
Boron	11-1	4.64	4.26	3.68	4.19	11.60	ppb
Cadmium	111-1	-0.20	-0.23	-0.19	-0.21		ppb
Cadmium	106-1	-2.86	-3.06	-2.56	-2.83		ppb
Cadmium	108-1	-0.01	0.07	-0.01	0.01	297.88	ppb
Calcium	43-1	11.31	9.92	4.77	8.67	39.80	ppb
Calcium	44-1	10.20	9.41	9.86	9.83	4.02	ppb
Chromium	52-2	0.07	0.05	0.08	0.07	24.42	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.09	-0.07	-0.08	-0.08		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	-0.11	0.02	0.00	-0.03		ppb
Iron	57-2	-2.01	0.22	-1.76	-1.18		ppb
Lead	206-1	-0.01	-0.03	-0.02	-0.02		ppb
Lead	207-1	0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.02	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	-8.56	-9.29	-9.37	-9.08		ppb
Manganese	55-2	-0.20	-0.20	-0.24	-0.22		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.02	0.01	51.37	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	16.69	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	36.01	ppb
Molybdenum	97-1	0.02	0.01	0.05	0.03	72.47	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	26.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.40	-0.29	-0.35		ppb
Phosphorus	31-2	-2.22	3.93	6.31	2.67	164.72	ppb
Potassium	39-2	4.95	6.69	-1.48	3.39	126.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.38	-0.64	0.47	0.07	865.97	ppb
Selenium	82-1	-0.01	-0.18	-0.86	-0.35		ppb
Silicon	28-1	-9.05	-9.64	-8.75	-9.15		ppb
Silver	109-1	0.00	0.00	0.00	0.00	83.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.80	ppb
Sodium	23-2	11.07	11.74	11.13	11.31	3.25	ppb
Strontium	86-1	0.02	0.00	-0.01	0.00	617.12	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	21.95	ppb
Sulfur	34-1	-839.23	-808.57	-604.84	-750.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	35.37	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.40	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.01	-0.03	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	82.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.10	-0.05	-0.06		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.22	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	68.59	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.61	61.73	56.97	59.10	4.10	ppb
Antimony	121-1	3.25	3.13	2.78	3.05	8.09	ppb
Arsenic	75-2	36.18	36.15	36.07	36.13	0.15	ppb
Barium	135-1	20.89	21.21	21.67	21.26	1.86	ppb
Barium	137-1	21.86	21.79	21.69	21.78	0.39	ppb
Beryllium	9-1	0.09	0.05	0.05	0.07	35.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.80	20.55	18.85	19.73	4.31	ppb
Boron	11-1	22.67	20.93	20.17	21.26	6.03	ppb
Cadmium	111-1	1.69	1.67	1.59	1.65	3.22	ppb
Cadmium	106-1	-0.82	-1.16	-1.36	-1.11		ppb
Cadmium	108-1	1.95	2.11	1.66	1.90	11.98	ppb
Calcium	43-1	48003.40	48455.25	48472.57	48310.41	0.55	ppb
Calcium	44-1	47893.58	48084.55	48401.85	48126.66	0.53	ppb
Chromium	52-2	1.25	1.36	1.23	1.28	5.52	ppb
Cobalt	59-2	0.83	0.78	0.75	0.79	5.15	ppb
Copper	63-2	13.63	13.46	13.41	13.50	0.86	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	4662.40	4616.01	4578.61	4619.01	0.91	ppb
Iron	57-2	4708.68	4624.32	4494.53	4609.17	2.34	ppb
Lead	206-1	0.89	0.85	0.85	0.86	2.85	ppb
Lead	207-1	0.78	0.79	0.80	0.79	0.92	ppb
Lead	208-1	0.83	0.82	0.82	0.82	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	7957.07	7852.37	7721.21	7843.55	1.51	ppb
Manganese	55-2	526.00	520.29	514.20	520.16	1.13	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.48	1.41	1.37	1.42	3.91	ppb
Molybdenum	95-1	3.83	3.75	3.64	3.74	2.54	ppb
Molybdenum	96-1	3.18	3.08	3.08	3.11	1.88	ppb
Molybdenum	97-1	3.75	3.91	3.87	3.84	2.09	ppb
Molybdenum	98-1	3.70	3.71	3.70	3.70	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.34	1.45	1.46	8.78	ppb
Phosphorus	31-2	95.18	92.21	77.02	88.14	11.05	ppb
Potassium	39-2	10583.53	10526.49	10379.28	10496.44	1.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.58	3.87	1.30	2.58	49.79	ppb
Selenium	78-2	0.65	0.65	0.15	0.48	60.26	ppb
Selenium	82-1	-0.91	1.74	0.66	0.50	267.38	ppb
Silicon	28-1	4527.91	4523.66	4512.90	4521.49	0.17	ppb
Silver	109-1	0.96	0.96	0.86	0.93	6.44	ppb
Silver	107-1	0.97	0.96	0.84	0.92	7.66	ppb
Sodium	23-2	38048.54	37443.75	37103.20	37531.83	1.28	ppb
Strontium	86-1	206.47	203.72	204.74	204.98	0.68	ppb
Strontium	88-1	208.45	208.13	206.54	207.70	0.49	ppb
Sulfur	34-1	2962.53	2811.73	2955.03	2909.76	2.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.19	0.14	0.18	21.91	ppb
Thallium	205-1	0.23	0.16	0.13	0.17	29.37	ppb
Tin	118-1	0.93	0.90	0.91	0.92	1.77	ppb
Titanium	47-1	3.84	3.98	3.71	3.84	3.59	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	2.94	ppb
Vanadium	51-2	0.72	0.73	0.69	0.71	3.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	95.27	94.93	92.99	94.40	1.30	ppb
Zirconium	90-1	0.42	0.35	0.33	0.37	11.65	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.46	0.35	0.39	0.40	14.22	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	1.59	1.61	1.32	36.09	ppb
Antimony	121-1	1.38	1.41	1.40	1.40	1.16	ppb
Arsenic	75-2	1.04	1.10	0.97	1.04	6.41	ppb
Barium	135-1	79.19	77.42	78.50	78.37	1.14	ppb
Barium	137-1	78.86	77.85	77.98	78.23	0.70	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	19.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	140.90	138.46	139.04	139.47	0.91	ppb
Boron	11-1	146.14	143.15	148.46	145.92	1.82	ppb
Cadmium	111-1	-0.12	-0.16	-0.25	-0.18		ppb
Cadmium	106-1	-2.99	-3.99	-5.39	-4.12		ppb
Cadmium	108-1	0.22	0.16	0.08	0.15	47.04	ppb
Calcium	43-1	108375.69	106921.14	109151.79	108149.54	1.05	ppb
Calcium	44-1	107621.65	107255.65	109265.85	108047.72	0.99	ppb
Chromium	52-2	0.52	0.40	0.48	0.47	12.29	ppb
Cobalt	59-2	0.09	0.08	0.08	0.08	9.11	ppb
Copper	63-2	8.84	9.16	9.03	9.01	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.65	17.80	17.43	17.63	1.04	ppb
Iron	57-2	126.11	123.87	131.02	127.00	2.88	ppb
Lead	206-1	0.27	0.26	0.27	0.27	1.94	ppb
Lead	207-1	0.30	0.29	0.30	0.30	3.24	ppb
Lead	208-1	0.27	0.27	0.28	0.28	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	9453.01	9398.52	9357.83	9403.12	0.51	ppb
Manganese	55-2	20.00	19.42	19.37	19.60	1.78	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.38	0.39	0.38	1.11	ppb
Molybdenum	95-1	0.67	0.66	0.64	0.66	2.46	ppb
Molybdenum	96-1	0.61	0.61	0.52	0.58	8.49	ppb
Molybdenum	97-1	0.74	0.66	0.77	0.73	7.77	ppb
Molybdenum	98-1	0.62	0.71	0.67	0.67	7.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.17	1.03	1.05	11.55	ppb
Phosphorus	31-2	27.20	11.46	9.12	15.93	61.73	ppb
Potassium	39-2	2004.82	1994.87	1988.78	1996.16	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.03	5.36	2.68	4.02	33.34	ppb
Selenium	78-2	0.59	2.32	0.58	1.16	86.20	ppb
Selenium	82-1	1.21	-0.61	0.61	0.40	228.84	ppb
Silicon	28-1	9993.84	9843.30	9983.68	9940.27	0.85	ppb
Silver	109-1	0.44	0.42	0.41	0.42	3.56	ppb
Silver	107-1	0.46	0.42	0.43	0.43	5.00	ppb
Sodium	23-2	20869.54	20778.73	20779.98	20809.42	0.25	ppb
Strontium	86-1	565.48	567.08	566.05	566.20	0.14	ppb
Strontium	88-1	569.69	571.52	570.12	570.44	0.17	ppb
Sulfur	34-1	7282.58	7179.26	7365.40	7275.75	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.38	ppb
Tin	118-1	0.61	0.65	0.66	0.64	3.87	ppb
Titanium	47-1	0.95	0.84	0.86	0.88	6.37	ppb
Uranium	238-1	1.07	1.03	1.04	1.05	1.71	ppb
Vanadium	51-2	1.83	1.74	1.80	1.79	2.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	27.90	27.07	28.14	27.70	2.03	ppb
Zirconium	90-1	0.29	0.25	0.27	0.27	7.55	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.25	0.25	0.27	11.50	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711DU	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:36:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	1.60	1.90	1.52	28.11	ppb
Antimony	121-1	1.14	1.20	1.19	1.18	2.67	ppb
Arsenic	75-2	1.06	1.11	0.99	1.05	5.92	ppb
Barium	135-1	77.55	79.12	78.07	78.25	1.02	ppb
Barium	137-1	78.56	79.57	78.47	78.87	0.77	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	99.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	141.72	138.06	150.28	143.35	4.38	ppb
Boron	11-1	148.46	145.54	144.66	146.22	1.36	ppb
Cadmium	111-1	-0.23	-0.31	-0.29	-0.28		ppb
Cadmium	106-1	-4.19	-5.44	-5.13	-4.92		ppb
Cadmium	108-1	0.02	0.02	0.19	0.08	124.65	ppb
Calcium	43-1	110457.28	110544.33	109803.81	110268.47	0.37	ppb
Calcium	44-1	110174.06	110145.09	110962.14	110427.10	0.42	ppb
Chromium	52-2	0.50	0.50	0.50	0.50	0.61	ppb
Cobalt	59-2	0.09	0.10	0.10	0.10	3.95	ppb
Copper	63-2	9.80	10.47	9.91	10.06	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.57	18.97	17.64	18.06	4.38	ppb
Iron	57-2	120.28	133.59	129.80	127.89	5.36	ppb
Lead	206-1	0.23	0.20	0.22	0.21	7.24	ppb
Lead	207-1	0.24	0.26	0.22	0.24	8.07	ppb
Lead	208-1	0.22	0.22	0.21	0.22	2.60	ppb
Lithium	6-1						%
Magnesium	24-2	9523.70	9739.09	9319.48	9527.42	2.20	ppb
Manganese	55-2	20.07	20.73	20.10	20.30	1.85	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10DUP Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711DU Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 15:36:45 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.33	0.29	0.28	0.30	9.29	ppb
Molybdenum	95-1	0.68	0.63	0.68	0.66	4.84	ppb
Molybdenum	96-1	0.53	0.59	0.61	0.58	7.50	ppb
Molybdenum	97-1	0.71	0.64	0.64	0.66	6.50	ppb
Molybdenum	98-1	0.69	0.69	0.60	0.66	7.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.22	1.13	1.16	4.83	ppb
Phosphorus	31-2	0.25	21.16	13.65	11.69	90.62	ppb
Potassium	39-2	2001.01	2044.39	1967.24	2004.21	1.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.38	2.91	4.15	2.81	49.29	ppb
Selenium	78-2	1.60	1.50	1.27	1.46	11.62	ppb
Selenium	82-1	1.32	1.45	0.75	1.18	31.72	ppb
Silicon	28-1	9989.69	10077.46	9998.69	10021.95	0.48	ppb
Silver	109-1	0.33	0.35	0.36	0.35	4.54	ppb
Silver	107-1	0.35	0.37	0.34	0.35	4.47	ppb
Sodium	23-2	20995.64	21470.94	20414.13	20960.23	2.53	ppb
Strontium	86-1	576.25	579.04	574.63	576.64	0.39	ppb
Strontium	88-1	576.01	585.00	575.58	578.86	0.92	ppb
Sulfur	34-1	7435.41	7303.84	7132.08	7290.44	2.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	66.89	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	440.13	ppb
Tin	118-1	0.63	0.60	0.62	0.62	3.14	ppb
Titanium	47-1	0.87	0.86	1.04	0.92	10.97	ppb
Uranium	238-1	1.08	1.11	1.10	1.09	1.58	ppb
Vanadium	51-2	1.79	2.03	2.00	1.94	6.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.23	28.74	27.57	28.18	2.08	ppb
Zirconium	90-1	0.19	0.18	0.19	0.19	3.48	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711DU	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:36:45	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.19	0.18	4.54	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	-0.23	-0.64	-0.48		ppb
Antimony	121-1	0.31	0.32	0.29	0.31	5.41	ppb
Arsenic	75-2	0.23	0.20	0.28	0.24	18.09	ppb
Barium	135-1	14.80	15.74	15.10	15.21	3.18	ppb
Barium	137-1	14.85	15.39	15.52	15.26	2.33	ppb
Beryllium	9-1	0.02	0.05	0.07	0.05	49.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.39	36.36	37.32	37.03	1.56	ppb
Boron	11-1	39.27	37.96	38.78	38.67	1.72	ppb
Cadmium	111-1	-0.29	-0.32	-0.17	-0.26		ppb
Cadmium	106-1	-4.18	-4.55	-2.67	-3.80		ppb
Cadmium	108-1	0.08	0.02	-0.01	0.03	144.04	ppb
Calcium	43-1	20982.05	21180.86	20927.86	21030.26	0.63	ppb
Calcium	44-1	21209.46	21213.55	20917.18	21113.40	0.80	ppb
Chromium	52-2	0.13	0.09	0.12	0.11	17.84	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	91.32	ppb
Copper	63-2	2.86	2.60	2.67	2.71	4.79	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	3.32	2.97	2.95	3.08	6.77	ppb
Iron	57-2	24.47	25.27	23.44	24.39	3.77	ppb
Lead	206-1	0.00	0.00	0.01	0.00	167.78	ppb
Lead	207-1	0.02	0.02	0.02	0.02	16.16	ppb
Lead	208-1	0.01	0.02	0.01	0.01	32.79	ppb
Lithium	6-1						%
Magnesium	24-2	1934.83	1846.56	1842.26	1874.55	2.79	ppb
Manganese	55-2	3.79	3.54	3.45	3.59	4.88	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.05	0.05	14.71	ppb
Molybdenum	95-1	0.13	0.12	0.13	0.13	2.34	ppb
Molybdenum	96-1	0.11	0.10	0.09	0.10	8.38	ppb
Molybdenum	97-1	0.13	0.15	0.12	0.14	11.67	ppb
Molybdenum	98-1	0.15	0.11	0.14	0.14	14.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.10	-0.02	-0.03		ppb
Phosphorus	31-2	-6.24	10.56	5.20	3.17	270.26	ppb
Potassium	39-2	411.43	383.37	386.14	393.65	3.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.66	1.30	0.65	0.87	42.66	ppb
Selenium	78-2	0.01	0.25	-0.69	-0.14		ppb
Selenium	82-1	0.04	0.27	-1.03	-0.24		ppb
Silicon	28-1	1944.43	1965.85	1939.25	1949.84	0.72	ppb
Silver	109-1	0.16	0.17	0.18	0.17	5.71	ppb
Silver	107-1	0.16	0.14	0.18	0.16	10.70	ppb
Sodium	23-2	4296.64	4119.74	4120.45	4178.94	2.44	ppb
Strontium	86-1	109.32	111.01	110.36	110.23	0.77	ppb
Strontium	88-1	110.77	111.00	110.68	110.82	0.15	ppb
Sulfur	34-1	780.20	813.93	606.98	733.70	15.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.11	0.12	0.11	7.15	ppb
Titanium	47-1	0.14	0.15	0.14	0.14	6.19	ppb
Uranium	238-1	0.21	0.19	0.22	0.21	7.53	ppb
Vanadium	51-2	0.31	0.41	0.37	0.36	14.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.16	5.67	5.48	5.77	6.08	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	31.56	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	67.63	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.77	-0.91	-0.33	-0.67		ppb
Antimony	121-1	0.94	0.98	0.96	0.96	2.22	ppb
Arsenic	75-2	0.94	0.89	1.08	0.97	10.19	ppb
Barium	135-1	77.62	76.05	76.86	76.84	1.02	ppb
Barium	137-1	77.27	75.95	76.24	76.49	0.91	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	26.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	141.46	139.15	135.56	138.73	2.14	ppb
Boron	11-1	143.57	143.90	145.57	144.34	0.74	ppb
Cadmium	111-1	-0.26	-0.29	-0.24	-0.26		ppb
Cadmium	106-1	-4.13	-4.58	-3.67	-4.13		ppb
Cadmium	108-1	0.05	0.05	0.02	0.04	40.23	ppb
Calcium	43-1	109101.77	109456.81	109141.52	109233.37	0.18	ppb
Calcium	44-1	108688.83	110254.12	109454.84	109465.93	0.72	ppb
Chromium	52-2	0.68	0.69	0.65	0.68	3.14	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	22.30	ppb
Copper	63-2	10.10	10.59	10.68	10.46	2.98	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	6.12	6.27	6.06	6.15	1.81	ppb
Iron	57-2	112.15	111.44	105.91	109.83	3.11	ppb
Lead	206-1	0.21	0.17	0.16	0.18	14.75	ppb
Lead	207-1	0.19	0.21	0.19	0.20	6.27	ppb
Lead	208-1	0.20	0.20	0.19	0.19	1.83	ppb
Lithium	6-1						%
Magnesium	24-2	9183.41	9174.71	9113.63	9157.25	0.42	ppb
Manganese	55-2	0.62	0.67	0.55	0.61	10.31	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.27	0.24	0.26	8.42	ppb
Molybdenum	95-1	0.53	0.55	0.55	0.54	1.41	ppb
Molybdenum	96-1	0.49	0.48	0.49	0.49	0.89	ppb
Molybdenum	97-1	0.53	0.61	0.56	0.57	7.14	ppb
Molybdenum	98-1	0.59	0.61	0.61	0.60	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.17	0.11	0.12	34.43	ppb
Phosphorus	31-2	-0.98	2.26	-1.23	0.02	11552.20	ppb
Potassium	39-2	1980.03	2021.41	1970.55	1990.66	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.02	2.16	2.86	3.35	44.64	ppb
Selenium	78-2	3.54	1.80	0.96	2.10	62.78	ppb
Selenium	82-1	1.31	1.27	1.69	1.42	16.35	ppb
Silicon	28-1	9840.04	9922.88	9847.10	9870.00	0.47	ppb
Silver	109-1	0.38	0.35	0.36	0.37	4.76	ppb
Silver	107-1	0.37	0.32	0.31	0.33	10.79	ppb
Sodium	23-2	21229.27	21201.99	20864.18	21098.48	0.96	ppb
Strontium	86-1	570.24	566.96	568.35	568.52	0.29	ppb
Strontium	88-1	574.36	564.26	573.69	570.77	0.99	ppb
Sulfur	34-1	7668.80	7316.01	7333.44	7439.42	2.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	88.73	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.71	0.75	0.67	0.71	5.32	ppb
Titanium	47-1	0.93	0.74	0.88	0.85	11.59	ppb
Uranium	238-1	1.18	1.13	1.20	1.17	3.13	ppb
Vanadium	51-2	2.10	2.10	2.11	2.10	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.74	12.04	11.30	11.70	3.18	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	6.42	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.14	0.15	0.13	18.81	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50360.19	50538.06	50005.59	50301.28	0.54	ppb
Antimony	121-1	454.56	454.67	451.15	453.46	0.44	ppb
Arsenic	75-2	493.64	495.81	493.60	494.35	0.26	ppb
Barium	135-1	2532.10	2522.29	2509.61	2521.33	0.45	ppb
Barium	137-1	2527.58	2503.18	2497.99	2509.58	0.63	ppb
Beryllium	9-1	491.07	491.15	485.30	489.17	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.02	501.86	489.39	491.75	1.86	ppb
Boron	11-1	480.75	493.89	489.67	488.11	1.37	ppb
Cadmium	111-1	476.58	472.09	465.35	471.34	1.20	ppb
Cadmium	106-1	488.77	477.87	472.15	479.60	1.76	ppb
Cadmium	108-1	476.32	469.12	473.06	472.83	0.76	ppb
Calcium	43-1	245081.24	243235.31	243907.90	244074.82	0.38	ppb
Calcium	44-1	246049.85	245570.67	242630.96	244750.49	0.76	ppb
Chromium	52-2	526.34	524.26	522.80	524.47	0.34	ppb
Cobalt	59-2	510.01	513.48	504.86	509.45	0.85	ppb
Copper	63-2	1004.69	1011.19	999.99	1005.29	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129665.12	128758.12	128193.51	128872.25	0.58	ppb
Iron	57-2	129900.38	130777.73	128952.62	129876.91	0.70	ppb
Lead	206-1	526.49	524.28	518.24	523.00	0.82	ppb
Lead	207-1	520.84	513.29	510.72	514.95	1.02	ppb
Lead	208-1	524.32	517.84	516.71	519.62	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	246472.90	246281.63	243707.53	245487.35	0.63	ppb
Manganese	55-2	1033.21	1035.40	1027.50	1032.04	0.40	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	531.40	529.64	522.18	527.74	0.93	ppb
Molybdenum	95-1	516.07	510.21	501.65	509.31	1.42	ppb
Molybdenum	96-1	516.07	512.43	506.86	511.79	0.91	ppb
Molybdenum	97-1	511.40	509.16	504.72	508.43	0.67	ppb
Molybdenum	98-1	517.18	508.64	501.47	509.10	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.10	512.32	505.57	508.99	0.66	ppb
Phosphorus	31-2	9886.68	10184.73	9822.30	9964.57	1.94	ppb
Potassium	39-2	124810.32	125159.39	123768.88	124579.53	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	487.30	509.04	482.87	493.07	2.84	ppb
Selenium	78-2	488.96	480.05	482.82	483.94	0.94	ppb
Selenium	82-1	486.84	481.12	478.89	482.28	0.85	ppb
Silicon	28-1	580.54	582.71	585.40	582.88	0.42	ppb
Silver	109-1	471.45	470.51	462.66	468.20	1.03	ppb
Silver	107-1	471.11	466.67	462.03	466.60	0.97	ppb
Sodium	23-2	246175.42	248075.33	244847.09	246365.95	0.66	ppb
Strontium	86-1	517.93	516.57	508.89	514.46	0.95	ppb
Strontium	88-1	520.58	521.47	508.10	516.72	1.45	ppb
Sulfur	34-1	9544.77	9319.81	9449.23	9437.94	1.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.13	513.82	505.66	512.54	1.24	ppb
Thallium	205-1	522.21	521.70	517.11	520.34	0.54	ppb
Tin	118-1	496.77	491.01	484.81	490.86	1.22	ppb
Titanium	47-1	513.10	506.90	515.54	511.85	0.87	ppb
Uranium	238-1	530.64	527.19	514.94	524.26	1.57	ppb
Vanadium	51-2	519.43	518.88	516.67	518.33	0.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	987.54	998.17	989.93	991.88	0.56	ppb
Zirconium	90-1	530.73	534.20	532.44	532.46	0.33	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	534.31	532.38	519.98	528.89	1.47	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.06	-1.32	-1.45	-1.27		ppb
Antimony	121-1	0.16	0.19	0.20	0.18	13.09	ppb
Arsenic	75-2	0.04	0.05	0.05	0.05	9.03	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.08	0.13	0.14	0.12	29.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.94	6.17	6.52	6.21	4.68	ppb
Boron	11-1	5.99	6.25	6.14	6.13	2.18	ppb
Cadmium	111-1	-0.19	-0.35	-0.29	-0.28		ppb
Cadmium	106-1	-2.60	-4.80	-3.90	-3.77		ppb
Cadmium	108-1	0.02	-0.03	0.08	0.02	249.62	ppb
Calcium	43-1	-8.34	-7.46	-8.44	-8.08		ppb
Calcium	44-1	-7.26	-8.84	-7.58	-7.89		ppb
Chromium	52-2	0.02	0.02	0.03	0.02	35.73	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.38	0.39	0.42	0.40	6.48	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	0.49	0.62	0.54	0.55	11.39	ppb
Iron	57-2	-1.04	1.68	-0.66	-0.01		ppb
Lead	206-1	0.00	0.01	0.00	0.00	185.87	ppb
Lead	207-1	0.02	0.01	0.03	0.02	63.20	ppb
Lead	208-1	0.01	0.03	0.01	0.02	41.41	ppb
Lithium	6-1						%
Magnesium	24-2	-14.61	-15.60	-14.48	-14.89		ppb
Manganese	55-2	-0.38	-0.38	-0.39	-0.38		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.04	0.07	0.06	30.77	ppb
Molybdenum	95-1	0.06	0.03	0.05	0.05	31.87	ppb
Molybdenum	96-1	0.06	0.03	0.03	0.04	31.56	ppb
Molybdenum	97-1	0.05	0.00	0.01	0.02	114.37	ppb
Molybdenum	98-1	0.03	0.05	0.02	0.04	43.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.39	-0.44	-0.41		ppb
Phosphorus	31-2	-7.98	14.64	-0.68	1.99	578.83	ppb
Potassium	39-2	5.68	10.53	3.67	6.62	53.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.69	0.38	0.69	0.13	566.54	ppb
Selenium	82-1	-0.72	-0.30	0.05	-0.32		ppb
Silicon	28-1	-4.15	-2.79	-5.45	-4.13		ppb
Silver	109-1	0.05	0.07	0.07	0.06	13.17	ppb
Silver	107-1	0.07	0.05	0.06	0.06	19.75	ppb
Sodium	23-2	34.94	37.90	32.17	35.00	8.19	ppb
Strontium	86-1	0.05	-0.03	-0.02	0.00		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-319.54	-89.44	-371.72	-260.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	91.07	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.09	0.15	0.11	26.41	ppb
Titanium	47-1	-0.04	-0.07	-0.07	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	120.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.22	0.20	0.23	17.09	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	9.90	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.11	0.09	18.63	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MS Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:00:45 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9402.06	9452.24	9471.62	9441.97	0.38	ppb
Antimony	121-1	491.78	492.71	494.37	492.95	0.27	ppb
Arsenic	75-2	510.64	510.53	511.53	510.90	0.11	ppb
Barium	135-1	2520.47	2546.80	2544.02	2537.10	0.57	ppb
Barium	137-1	2519.12	2524.82	2522.81	2522.25	0.11	ppb
Beryllium	9-1	414.43	401.97	398.62	405.01	2.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	521.79	523.75	538.50	528.01	1.73	ppb
Boron	11-1	535.01	535.54	533.34	534.63	0.22	ppb
Cadmium	111-1	484.76	490.33	487.28	487.46	0.57	ppb
Cadmium	106-1	483.36	494.64	498.60	492.20	1.61	ppb
Cadmium	108-1	480.83	493.98	489.86	488.22	1.38	ppb
Calcium	43-1	159547.92	160317.82	160933.68	160266.47	0.43	ppb
Calcium	44-1	158690.61	157617.45	159363.15	158557.07	0.56	ppb
Chromium	52-2	543.82	549.43	547.23	546.82	0.52	ppb
Cobalt	59-2	551.37	556.81	555.19	554.46	0.50	ppb
Copper	63-2	1097.65	1115.51	1109.48	1107.54	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26918.78	27224.09	26896.60	27013.16	0.68	ppb
Iron	57-2	26786.92	27016.70	26930.18	26911.27	0.43	ppb
Lead	206-1	514.95	509.14	514.70	512.93	0.64	ppb
Lead	207-1	505.84	503.49	509.54	506.29	0.60	ppb
Lead	208-1	510.20	510.21	513.04	511.15	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	59952.06	60073.95	59951.40	59992.47	0.12	ppb
Manganese	55-2	1051.11	1064.70	1055.02	1056.94	0.66	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10MS	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:00:45	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	542.79	544.49	545.39	544.22	0.24	ppb
Molybdenum	95-1	503.53	504.55	507.75	505.28	0.44	ppb
Molybdenum	96-1	512.19	512.03	515.35	513.19	0.36	ppb
Molybdenum	97-1	506.22	507.95	508.21	507.46	0.21	ppb
Molybdenum	98-1	507.87	508.51	507.30	507.89	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	561.69	569.29	563.55	564.85	0.70	ppb
Phosphorus	31-2	32.67	42.92	15.60	30.40	45.39	ppb
Potassium	39-2	26215.02	26331.31	26258.33	26268.22	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	522.52	507.12	486.82	505.49	3.54	ppb
Selenium	78-2	499.62	518.29	510.21	509.37	1.84	ppb
Selenium	82-1	504.43	517.68	513.80	511.97	1.33	ppb
Silicon	28-1	10263.40	10153.68	10167.99	10195.02	0.59	ppb
Silver	109-1	467.34	472.24	472.07	470.55	0.59	ppb
Silver	107-1	467.94	470.08	470.97	469.67	0.33	ppb
Sodium	23-2	69692.84	69662.40	70186.77	69847.34	0.42	ppb
Strontium	86-1	564.56	568.85	568.89	567.43	0.44	ppb
Strontium	88-1	568.81	567.85	569.03	568.56	0.11	ppb
Sulfur	34-1	7199.86	7239.06	7159.57	7199.50	0.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.91	507.71	515.54	510.72	0.83	ppb
Thallium	205-1	520.55	513.05	519.74	517.78	0.80	ppb
Tin	118-1	468.94	469.45	471.30	469.90	0.26	ppb
Titanium	47-1	509.63	507.21	507.02	507.96	0.29	ppb
Uranium	238-1	505.89	507.31	514.80	509.34	0.94	ppb
Vanadium	51-2	531.42	539.26	533.71	534.80	0.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1072.35	1078.94	1072.47	1074.59	0.35	ppb
Zirconium	90-1	553.19	559.85	557.73	556.92	0.61	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10MS	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:00:45	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	552.48	554.71	556.44	554.54	0.36	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MSD Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:04:10 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59332.12	59004.80	59034.42	59123.78	0.31	ppb
Antimony	121-1	508.77	501.23	504.42	504.81	0.75	ppb
Arsenic	75-2	529.67	526.60	523.62	526.63	0.57	ppb
Barium	135-1	2632.89	2578.11	2610.55	2607.18	1.06	ppb
Barium	137-1	2614.39	2544.25	2605.15	2587.93	1.47	ppb
Beryllium	9-1	405.21	404.86	402.81	404.29	0.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	539.21	543.36	552.98	545.18	1.30	ppb
Boron	11-1	544.04	551.23	558.30	551.19	1.29	ppb
Cadmium	111-1	493.90	489.38	495.25	492.85	0.62	ppb
Cadmium	106-1	498.61	496.78	495.10	496.83	0.35	ppb
Cadmium	108-1	499.90	495.00	494.08	496.33	0.63	ppb
Calcium	43-1	165412.65	166900.75	165196.34	165836.58	0.56	ppb
Calcium	44-1	164555.29	164869.35	165438.23	164954.29	0.27	ppb
Chromium	52-2	564.66	564.86	569.73	566.42	0.51	ppb
Cobalt	59-2	572.86	573.10	574.41	573.46	0.15	ppb
Copper	63-2	1129.84	1129.91	1140.22	1133.32	0.53	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	27886.95	27785.57	27842.15	27838.22	0.18	ppb
Iron	57-2	27805.10	27581.21	27831.56	27739.29	0.50	ppb
Lead	206-1	527.45	532.28	533.07	530.93	0.57	ppb
Lead	207-1	519.44	523.28	523.70	522.14	0.45	ppb
Lead	208-1	525.45	528.89	527.14	527.16	0.33	ppb
Lithium	6-1						%
Magnesium	24-2	61533.28	61064.06	60699.68	61099.01	0.68	ppb
Manganese	55-2	1080.60	1084.39	1091.86	1085.62	0.53	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MSD Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:04:10 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	552.46	567.38	563.44	561.09	1.38	ppb
Molybdenum	95-1	510.88	525.91	519.13	518.64	1.45	ppb
Molybdenum	96-1	516.87	534.74	526.87	526.16	1.70	ppb
Molybdenum	97-1	507.93	527.54	519.03	518.17	1.90	ppb
Molybdenum	98-1	509.84	524.85	519.86	518.18	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	579.56	579.15	585.57	581.43	0.62	ppb
Phosphorus	31-2	21.21	18.53	6.73	15.49	49.75	ppb
Potassium	39-2	26904.77	26921.10	27086.49	26970.79	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	566.26	513.34	530.47	536.69	5.03	ppb
Selenium	78-2	505.31	515.24	496.29	505.61	1.87	ppb
Selenium	82-1	516.08	528.57	520.51	521.72	1.21	ppb
Silicon	28-1	10530.58	10566.83	10505.38	10534.27	0.29	ppb
Silver	109-1	472.45	471.85	470.99	471.76	0.16	ppb
Silver	107-1	468.97	470.70	466.85	468.84	0.41	ppb
Sodium	23-2	72394.53	72046.59	72032.60	72157.91	0.28	ppb
Strontium	86-1	590.75	593.96	596.45	593.72	0.48	ppb
Strontium	88-1	594.62	597.43	598.85	596.97	0.36	ppb
Sulfur	34-1	6961.58	6832.60	6818.25	6870.81	1.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	526.71	528.94	532.01	529.22	0.50	ppb
Thallium	205-1	531.01	538.11	537.90	535.67	0.75	ppb
Tin	118-1	481.91	476.63	482.47	480.34	0.67	ppb
Titanium	47-1	516.66	519.63	513.40	516.56	0.60	ppb
Uranium	238-1	528.25	527.66	533.36	529.76	0.59	ppb
Vanadium	51-2	548.75	548.34	551.99	549.70	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1103.05	1095.06	1116.20	1104.77	0.97	ppb
Zirconium	90-1	570.09	573.80	574.91	572.93	0.44	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10MSD	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:04:10	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	562.81	575.36	575.06	571.08	1.25	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY0300F014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32410.92	32120.84	32555.96	32362.57	0.68	ppb
Antimony	121-1	495.11	489.54	491.10	491.91	0.58	ppb
Arsenic	75-2	516.73	514.44	515.95	515.70	0.23	ppb
Barium	135-1	2553.26	2528.21	2553.95	2545.14	0.58	ppb
Barium	137-1	2549.77	2539.07	2570.89	2553.24	0.63	ppb
Beryllium	9-1	408.32	401.24	404.91	404.82	0.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	552.49	551.35	554.41	552.75	0.28	ppb
Boron	11-1	551.89	551.74	562.01	555.21	1.06	ppb
Cadmium	111-1	489.27	484.60	485.43	486.43	0.51	ppb
Cadmium	106-1	490.65	490.10	481.79	487.51	1.02	ppb
Cadmium	108-1	488.47	479.42	485.23	484.37	0.95	ppb
Calcium	43-1	163507.56	163706.31	162578.96	163264.27	0.37	ppb
Calcium	44-1	162734.12	162302.81	162198.32	162411.75	0.17	ppb
Chromium	52-2	564.34	557.61	560.52	560.82	0.60	ppb
Cobalt	59-2	572.85	567.46	571.95	570.75	0.51	ppb
Copper	63-2	1145.72	1124.22	1138.35	1136.09	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27934.41	27486.05	27660.09	27693.52	0.82	ppb
Iron	57-2	27813.68	27401.50	27778.03	27664.40	0.83	ppb
Lead	206-1	523.97	525.02	527.94	525.64	0.39	ppb
Lead	207-1	517.85	515.37	520.55	517.92	0.50	ppb
Lead	208-1	524.89	522.00	525.58	524.16	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	60690.20	60149.26	60728.48	60522.65	0.54	ppb
Manganese	55-2	1087.55	1067.89	1081.31	1078.92	0.93	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	554.02	549.09	553.30	552.14	0.48	ppb
Molybdenum	95-1	512.51	511.84	509.97	511.44	0.26	ppb
Molybdenum	96-1	520.26	517.11	517.77	518.38	0.32	ppb
Molybdenum	97-1	516.38	513.14	514.78	514.77	0.32	ppb
Molybdenum	98-1	514.42	508.42	514.31	512.38	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.64	574.58	581.67	578.96	0.66	ppb
Phosphorus	31-2	19.95	19.05	-7.82	10.39	151.80	ppb
Potassium	39-2	26743.86	26465.39	26780.75	26663.33	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	508.92	532.25	525.76	522.31	2.31	ppb
Selenium	78-2	498.05	504.24	512.77	505.02	1.46	ppb
Selenium	82-1	519.22	511.71	516.58	515.84	0.74	ppb
Silicon	28-1	10326.86	10325.36	10280.54	10310.92	0.26	ppb
Silver	109-1	464.95	460.55	462.04	462.52	0.48	ppb
Silver	107-1	469.22	459.26	462.98	463.82	1.09	ppb
Sodium	23-2	71127.70	71138.71	71527.36	71264.59	0.32	ppb
Strontium	86-1	577.73	573.70	578.12	576.52	0.42	ppb
Strontium	88-1	580.49	583.30	588.87	584.22	0.73	ppb
Sulfur	34-1	6818.41	6610.67	6738.97	6722.68	1.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	521.89	518.88	521.31	520.69	0.31	ppb
Thallium	205-1	525.62	525.27	526.70	525.86	0.14	ppb
Tin	118-1	471.00	465.05	468.12	468.05	0.64	ppb
Titanium	47-1	515.07	514.21	512.82	514.03	0.22	ppb
Uranium	238-1	519.06	520.56	526.87	522.16	0.79	ppb
Vanadium	51-2	551.85	542.67	547.67	547.40	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1105.83	1099.06	1098.46	1101.12	0.37	ppb
Zirconium	90-1	565.44	558.41	568.61	564.15	0.93	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	565.67	556.11	561.98	561.25	0.86	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-12 Instrumnet Name : P7
 Client Sample ID : KY030LC018-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:11:00 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.10	1.65	0.77	1.51	44.73	ppb
Antimony	121-1	1.16	1.14	1.22	1.17	3.53	ppb
Arsenic	75-2	2.69	2.56	2.69	2.65	2.77	ppb
Barium	135-1	54.26	53.59	53.59	53.81	0.72	ppb
Barium	137-1	54.35	53.46	54.56	54.13	1.08	ppb
Beryllium	9-1	0.56	0.48	0.45	0.50	11.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	159.93	159.76	161.65	160.45	0.65	ppb
Boron	11-1	162.18	164.07	163.43	163.23	0.59	ppb
Cadmium	111-1	-0.28	-0.34	-0.19	-0.27		ppb
Cadmium	106-1	-4.82	-5.57	-3.51	-4.63		ppb
Cadmium	108-1	0.08	0.11	0.05	0.08	35.21	ppb
Calcium	43-1	65883.28	65098.34	64656.16	65212.60	0.95	ppb
Calcium	44-1	66414.94	65520.19	65626.74	65853.96	0.74	ppb
Chromium	52-2	0.43	0.45	0.44	0.44	2.01	ppb
Cobalt	59-2	0.16	0.14	0.13	0.14	11.13	ppb
Copper	63-2	11.35	11.58	11.27	11.40	1.41	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	27.91	27.93	27.86	27.90	0.13	ppb
Iron	57-2	84.53	93.66	89.79	89.33	5.13	ppb
Lead	206-1	0.23	0.17	0.20	0.20	14.46	ppb
Lead	207-1	0.18	0.18	0.20	0.19	7.36	ppb
Lead	208-1	0.19	0.18	0.19	0.19	4.73	ppb
Lithium	6-1						%
Magnesium	24-2	7982.35	8082.28	8013.49	8026.04	0.64	ppb
Manganese	55-2	10.36	10.77	9.85	10.33	4.44	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:11:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.72	0.70	0.65	0.69	4.97	ppb
Molybdenum	95-1	1.07	1.14	1.05	1.08	4.21	ppb
Molybdenum	96-1	1.08	1.02	1.05	1.05	3.01	ppb
Molybdenum	97-1	1.04	1.17	1.12	1.11	5.94	ppb
Molybdenum	98-1	1.14	1.11	1.08	1.11	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.20	1.18	1.20	0.96	ppb
Phosphorus	31-2	20.27	8.39	22.90	17.19	44.96	ppb
Potassium	39-2	3239.81	3310.56	3234.56	3261.64	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.52	3.78	1.51	2.27	57.65	ppb
Selenium	78-2	0.97	0.70	0.81	0.83	16.38	ppb
Selenium	82-1	0.46	0.62	0.01	0.36	86.55	ppb
Silicon	28-1	5973.07	5893.29	5863.96	5910.11	0.96	ppb
Silver	109-1	0.32	0.33	0.29	0.31	7.81	ppb
Silver	107-1	0.35	0.34	0.31	0.33	6.29	ppb
Sodium	23-2	28328.47	28586.17	28360.87	28425.17	0.49	ppb
Strontium	86-1	371.51	369.52	373.11	371.38	0.48	ppb
Strontium	88-1	376.25	374.89	376.86	376.00	0.27	ppb
Sulfur	34-1	9159.19	8965.26	8934.56	9019.67	1.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.11	0.12	8.82	ppb
Thallium	205-1	0.13	0.14	0.11	0.13	10.40	ppb
Tin	118-1	2.93	2.98	2.85	2.92	2.15	ppb
Titanium	47-1	0.52	0.84	0.78	0.71	24.14	ppb
Uranium	238-1	0.55	0.55	0.56	0.55	0.82	ppb
Vanadium	51-2	2.11	2.15	2.20	2.15	2.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.48	14.73	14.56	14.26	4.75	ppb
Zirconium	90-1	0.59	0.47	0.44	0.50	16.59	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:11:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.62	0.48	0.50	0.53	15.13	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-13 Instrumnet Name : P7
 Client Sample ID : LA119SW005-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:14:28 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	0.48	0.81	0.99	62.29	ppb
Antimony	121-1	1.10	1.14	1.17	1.14	2.97	ppb
Arsenic	75-2	2.58	2.64	2.42	2.55	4.42	ppb
Barium	135-1	54.13	54.91	53.79	54.28	1.06	ppb
Barium	137-1	54.25	54.96	54.16	54.46	0.80	ppb
Beryllium	9-1	0.30	0.24	0.31	0.28	12.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	155.14	151.94	151.35	152.81	1.34	ppb
Boron	11-1	157.05	160.96	161.35	159.79	1.49	ppb
Cadmium	111-1	-0.30	-0.33	-0.38	-0.34		ppb
Cadmium	106-1	-4.42	-5.13	-5.41	-4.98		ppb
Cadmium	108-1	0.05	0.03	0.08	0.05	53.24	ppb
Calcium	43-1	72642.24	72212.14	72780.89	72545.09	0.41	ppb
Calcium	44-1	72687.56	72853.29	74024.85	73188.56	1.00	ppb
Chromium	52-2	0.73	0.70	0.78	0.74	5.31	ppb
Cobalt	59-2	0.15	0.13	0.14	0.14	5.23	ppb
Copper	63-2	16.29	16.19	16.43	16.30	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.89	13.32	13.79	13.67	2.24	ppb
Iron	57-2	81.98	79.55	88.57	83.37	5.59	ppb
Lead	206-1	0.43	0.44	0.39	0.42	6.91	ppb
Lead	207-1	0.43	0.40	0.42	0.42	3.85	ppb
Lead	208-1	0.43	0.41	0.41	0.42	2.70	ppb
Lithium	6-1						%
Magnesium	24-2	8451.93	8413.46	8405.73	8423.71	0.29	ppb
Manganese	55-2	13.02	12.74	12.84	12.87	1.11	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-13	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:14:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.49	0.49	0.49	0.92	ppb
Molybdenum	95-1	1.10	1.11	1.10	1.10	0.46	ppb
Molybdenum	96-1	1.00	1.01	0.98	1.00	1.56	ppb
Molybdenum	97-1	0.97	1.15	1.14	1.09	9.14	ppb
Molybdenum	98-1	1.10	1.06	1.04	1.07	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.08	1.13	1.13	3.63	ppb
Phosphorus	31-2	11.78	23.61	26.80	20.73	38.17	ppb
Potassium	39-2	3503.36	3480.92	3516.95	3500.41	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.29	0.76	1.52	1.52	50.44	ppb
Selenium	78-2	0.87	0.47	1.45	0.93	52.99	ppb
Selenium	82-1	-0.51	0.05	0.95	0.16	456.01	ppb
Silicon	28-1	6183.48	6127.60	6222.01	6177.70	0.77	ppb
Silver	109-1	0.28	0.29	0.26	0.28	5.04	ppb
Silver	107-1	0.29	0.25	0.28	0.27	8.15	ppb
Sodium	23-2	30170.02	29934.82	29830.18	29978.34	0.58	ppb
Strontium	86-1	394.84	398.88	399.84	397.86	0.67	ppb
Strontium	88-1	404.46	403.37	408.19	405.34	0.62	ppb
Sulfur	34-1	9594.58	9577.30	9858.28	9676.72	1.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.04	0.03	19.07	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	6.33	ppb
Tin	118-1	2.46	2.57	2.56	2.53	2.53	ppb
Titanium	47-1	0.55	0.55	0.58	0.56	3.44	ppb
Uranium	238-1	0.58	0.59	0.60	0.59	1.58	ppb
Vanadium	51-2	2.22	2.22	2.15	2.20	1.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.34	16.61	16.20	16.38	1.27	ppb
Zirconium	90-1	0.24	0.20	0.20	0.21	11.07	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-13	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:14:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.18	0.22	0.21	12.17	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	-0.30	0.19	0.03	1033.53	ppb
Antimony	121-1	1.14	1.18	1.22	1.18	3.41	ppb
Arsenic	75-2	1.33	1.73	1.31	1.46	16.30	ppb
Barium	135-1	53.38	52.86	51.48	52.57	1.87	ppb
Barium	137-1	53.36	51.76	52.46	52.53	1.52	ppb
Beryllium	9-1	0.19	0.28	0.22	0.23	18.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	203.42	209.01	197.59	203.34	2.81	ppb
Boron	11-1	205.88	211.04	209.53	208.82	1.27	ppb
Cadmium	111-1	-0.32	-0.29	-0.45	-0.35		ppb
Cadmium	106-1	-4.60	-4.27	-6.54	-5.14		ppb
Cadmium	108-1	0.09	0.03	0.03	0.05	76.90	ppb
Calcium	43-1	66471.42	65633.02	65699.97	65934.80	0.71	ppb
Calcium	44-1	66353.56	66138.49	66461.07	66317.71	0.25	ppb
Chromium	52-2	0.65	0.63	0.65	0.64	2.14	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	11.30	ppb
Copper	63-2	9.40	9.97	9.45	9.61	3.25	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	5.74	5.69	5.42	5.62	3.06	ppb
Iron	57-2	58.78	64.41	67.12	63.44	6.71	ppb
Lead	206-1	0.35	0.34	0.36	0.35	4.07	ppb
Lead	207-1	0.32	0.35	0.33	0.33	4.32	ppb
Lead	208-1	0.33	0.33	0.35	0.33	3.40	ppb
Lithium	6-1						%
Magnesium	24-2	8960.97	9130.17	8997.32	9029.48	0.99	ppb
Manganese	55-2	0.29	0.36	0.35	0.33	11.54	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.38	0.39	0.39	2.32	ppb
Molybdenum	95-1	0.91	0.88	0.88	0.89	2.01	ppb
Molybdenum	96-1	0.83	0.77	0.76	0.79	4.47	ppb
Molybdenum	97-1	0.85	0.88	0.94	0.89	4.93	ppb
Molybdenum	98-1	0.92	0.83	0.91	0.89	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.17	0.18	0.18	8.08	ppb
Phosphorus	31-2	-13.29	6.05	-13.24	-6.83		ppb
Potassium	39-2	1723.55	1740.54	1726.24	1730.11	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.77	3.86	1.54	2.06	77.95	ppb
Selenium	78-2	1.56	1.28	0.91	1.25	26.28	ppb
Selenium	82-1	1.47	1.08	1.61	1.38	19.86	ppb
Silicon	28-1	9013.24	9019.89	8989.40	9007.51	0.18	ppb
Silver	109-1	0.29	0.29	0.25	0.27	7.04	ppb
Silver	107-1	0.27	0.29	0.26	0.27	4.56	ppb
Sodium	23-2	31150.84	31849.34	31293.12	31431.10	1.17	ppb
Strontium	86-1	661.30	664.94	659.84	662.03	0.40	ppb
Strontium	88-1	668.79	676.57	666.08	670.48	0.81	ppb
Sulfur	34-1	8598.90	8356.68	8444.72	8466.77	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.04	0.03	40.72	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	17.93	ppb
Tin	118-1	1.14	1.16	1.11	1.14	2.54	ppb
Titanium	47-1	0.72	0.65	0.71	0.69	4.79	ppb
Uranium	238-1	1.16	1.17	1.18	1.17	0.84	ppb
Vanadium	51-2	3.51	3.62	3.34	3.49	3.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.16	12.86	11.90	12.31	4.04	ppb
Zirconium	90-1	0.19	0.16	0.15	0.16	12.14	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.12	0.18	0.14	21.13	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-15 Instrumnet Name : P7
 Client Sample ID : KY030LC026-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:21:24 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	-0.14	-0.12	0.08	446.49	ppb
Antimony	121-1	1.25	1.16	1.21	1.21	3.81	ppb
Arsenic	75-2	2.21	2.45	2.41	2.35	5.50	ppb
Barium	135-1	61.51	62.49	61.17	61.72	1.11	ppb
Barium	137-1	61.63	62.01	62.16	61.93	0.45	ppb
Beryllium	9-1	0.18	0.20	0.24	0.20	15.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	166.13	172.08	170.83	169.68	1.85	ppb
Boron	11-1	171.24	173.35	174.02	172.87	0.84	ppb
Cadmium	111-1	-0.36	-0.29	-0.35	-0.33		ppb
Cadmium	106-1	-5.17	-4.06	-5.12	-4.78		ppb
Cadmium	108-1	0.09	0.09	-0.03	0.05	148.72	ppb
Calcium	43-1	87603.83	87198.48	87812.96	87538.42	0.36	ppb
Calcium	44-1	88941.96	87713.33	87877.08	88177.45	0.76	ppb
Chromium	52-2	1.01	1.04	1.10	1.05	4.67	ppb
Cobalt	59-2	0.10	0.11	0.10	0.10	4.75	ppb
Copper	63-2	10.34	10.34	10.83	10.50	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.24	13.17	13.53	13.31	1.40	ppb
Iron	57-2	96.88	97.55	88.13	94.18	5.58	ppb
Lead	206-1	0.25	0.24	0.26	0.25	3.20	ppb
Lead	207-1	0.25	0.29	0.26	0.27	6.33	ppb
Lead	208-1	0.26	0.27	0.26	0.26	1.46	ppb
Lithium	6-1						%
Magnesium	24-2	9480.28	9504.04	9634.40	9539.57	0.87	ppb
Manganese	55-2	20.39	20.48	21.05	20.64	1.73	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-15	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:21:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.38	0.44	0.42	8.78	ppb
Molybdenum	95-1	1.00	1.02	1.06	1.03	3.07	ppb
Molybdenum	96-1	0.97	0.94	0.91	0.94	3.34	ppb
Molybdenum	97-1	1.06	1.05	1.01	1.04	2.49	ppb
Molybdenum	98-1	1.10	1.03	1.04	1.06	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.56	1.33	1.42	9.13	ppb
Phosphorus	31-2	-0.64	5.67	9.38	4.80	105.45	ppb
Potassium	39-2	4066.57	4067.95	4081.12	4071.88	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.54	1.54	3.86	2.31	57.83	ppb
Selenium	78-2	0.65	1.79	1.66	1.37	45.70	ppb
Selenium	82-1	0.14	0.47	1.62	0.74	104.60	ppb
Silicon	28-1	6594.54	6548.71	6554.62	6565.96	0.38	ppb
Silver	109-1	0.26	0.24	0.24	0.25	4.61	ppb
Silver	107-1	0.26	0.24	0.22	0.24	7.33	ppb
Sodium	23-2	35311.81	35125.51	35632.29	35356.54	0.72	ppb
Strontium	86-1	437.33	431.60	435.38	434.77	0.67	ppb
Strontium	88-1	446.58	441.58	437.21	441.79	1.06	ppb
Sulfur	34-1	13386.13	13214.82	13423.60	13341.52	0.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	44.62	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	47.21	ppb
Tin	118-1	1.03	1.03	1.04	1.03	0.45	ppb
Titanium	47-1	0.37	0.57	0.45	0.46	21.25	ppb
Uranium	238-1	0.75	0.79	0.80	0.78	3.21	ppb
Vanadium	51-2	2.14	2.28	2.27	2.23	3.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.26	17.09	17.72	17.36	1.87	ppb
Zirconium	90-1	0.14	0.15	0.13	0.14	6.10	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-15	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:21:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.14	0.15	0.15	6.71	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-16 Instrumnet Name : P7
 Client Sample ID : KY030LC058-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:24:52 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.08	0.27	-0.58	0.26	321.54	ppb
Antimony	121-1	1.26	1.17	1.20	1.21	3.79	ppb
Arsenic	75-2	2.15	2.42	2.19	2.25	6.45	ppb
Barium	135-1	73.53	73.02	72.82	73.12	0.50	ppb
Barium	137-1	73.86	73.56	73.38	73.60	0.33	ppb
Beryllium	9-1	0.16	0.15	0.18	0.16	8.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	176.59	172.79	180.19	176.52	2.10	ppb
Boron	11-1	178.77	181.82	182.47	181.02	1.09	ppb
Cadmium	111-1	-0.29	-0.29	-0.39	-0.32		ppb
Cadmium	106-1	-4.09	-4.06	-5.46	-4.54		ppb
Cadmium	108-1	0.00	0.14	0.05	0.06	114.76	ppb
Calcium	43-1	84242.21	83801.92	83691.07	83911.73	0.35	ppb
Calcium	44-1	85512.46	84570.80	84916.63	84999.96	0.56	ppb
Chromium	52-2	0.52	0.54	0.41	0.49	14.84	ppb
Cobalt	59-2	0.11	0.10	0.10	0.11	5.99	ppb
Copper	63-2	8.20	7.90	8.15	8.08	1.99	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	11.15	11.11	11.30	11.18	0.93	ppb
Iron	57-2	80.79	85.32	88.72	84.94	4.68	ppb
Lead	206-1	0.10	0.10	0.12	0.11	11.14	ppb
Lead	207-1	0.11	0.10	0.11	0.11	5.89	ppb
Lead	208-1	0.11	0.11	0.12	0.11	4.10	ppb
Lithium	6-1						%
Magnesium	24-2	9572.54	9683.02	9742.92	9666.16	0.89	ppb
Manganese	55-2	15.60	16.22	16.03	15.95	1.98	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:24:52	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.46	0.46	0.45	0.46	1.72	ppb
Molybdenum	95-1	1.23	1.17	1.11	1.17	5.25	ppb
Molybdenum	96-1	1.04	0.92	0.98	0.98	5.70	ppb
Molybdenum	97-1	1.20	1.09	1.28	1.19	7.81	ppb
Molybdenum	98-1	1.21	1.19	1.20	1.20	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.56	1.20	1.37	13.06	ppb
Phosphorus	31-2	35.58	40.10	14.24	29.97	46.09	ppb
Potassium	39-2	4109.90	4170.89	4206.98	4162.59	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.79	1.59	0.80	100.14	ppb
Selenium	78-2	0.78	0.39	-1.03	0.05	2086.91	ppb
Selenium	82-1	1.00	0.43	0.91	0.78	39.49	ppb
Silicon	28-1	6980.17	6974.51	6970.80	6975.16	0.07	ppb
Silver	109-1	0.23	0.25	0.24	0.24	2.72	ppb
Silver	107-1	0.23	0.23	0.22	0.23	2.26	ppb
Sodium	23-2	37698.89	37990.21	38027.49	37905.53	0.47	ppb
Strontium	86-1	441.10	437.94	438.97	439.34	0.37	ppb
Strontium	88-1	447.77	445.27	448.64	447.23	0.39	ppb
Sulfur	34-1	14543.27	14203.18	14495.26	14413.90	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	83.24	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	87.58	ppb
Tin	118-1	0.84	0.84	0.84	0.84	0.28	ppb
Titanium	47-1	0.73	0.72	0.45	0.63	24.93	ppb
Uranium	238-1	0.95	0.96	0.99	0.97	2.52	ppb
Vanadium	51-2	2.50	2.71	2.66	2.63	4.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.53	12.04	12.72	12.09	4.94	ppb
Zirconium	90-1	0.13	0.13	0.12	0.13	5.50	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:24:52	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.06	0.10	0.10	35.95	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-17 Instrumnet Name : P7
 Client Sample ID : KY030LC066-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:28:21 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	0.24	-0.95	-0.43		ppb
Antimony	121-1	1.14	1.14	1.18	1.15	2.15	ppb
Arsenic	75-2	1.30	1.02	1.42	1.25	16.76	ppb
Barium	135-1	86.76	84.27	85.79	85.61	1.47	ppb
Barium	137-1	86.23	85.38	87.26	86.29	1.09	ppb
Beryllium	9-1	0.08	0.13	0.14	0.12	27.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	178.62	185.12	186.90	183.55	2.37	ppb
Boron	11-1	186.11	188.62	195.15	189.96	2.46	ppb
Cadmium	111-1	-0.33	-0.37	-0.36	-0.35		ppb
Cadmium	106-1	-4.77	-5.25	-5.12	-5.04		ppb
Cadmium	108-1	0.06	0.00	0.06	0.04	96.84	ppb
Calcium	43-1	112566.05	112532.34	112896.08	112664.82	0.18	ppb
Calcium	44-1	112588.07	113629.56	113725.04	113314.22	0.56	ppb
Chromium	52-2	1.76	1.74	1.85	1.78	3.33	ppb
Cobalt	59-2	0.14	0.14	0.16	0.15	8.42	ppb
Copper	63-2	8.13	7.77	7.86	7.92	2.38	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	12.23	12.11	12.28	12.21	0.75	ppb
Iron	57-2	119.22	118.79	121.04	119.68	1.00	ppb
Lead	206-1	0.08	0.08	0.11	0.09	19.94	ppb
Lead	207-1	0.09	0.11	0.12	0.11	16.36	ppb
Lead	208-1	0.08	0.09	0.10	0.09	10.62	ppb
Lithium	6-1						%
Magnesium	24-2	10706.69	10549.91	10618.88	10625.16	0.74	ppb
Manganese	55-2	22.83	22.33	22.60	22.59	1.13	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-17	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:28:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.44	0.44	0.48	0.45	5.04	ppb
Molybdenum	95-1	1.33	1.33	1.27	1.31	2.77	ppb
Molybdenum	96-1	1.05	1.12	1.10	1.09	2.95	ppb
Molybdenum	97-1	1.27	1.24	1.51	1.34	11.00	ppb
Molybdenum	98-1	1.30	1.38	1.34	1.34	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.76	1.73	1.69	5.90	ppb
Phosphorus	31-2	-5.79	13.08	9.84	5.71	176.72	ppb
Potassium	39-2	3082.00	3060.57	3046.94	3063.17	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.79	1.56	0.78	1.04	43.06	ppb
Selenium	78-2	0.73	-0.05	1.99	0.89	115.99	ppb
Selenium	82-1	-0.11	0.01	0.13	0.01	942.33	ppb
Silicon	28-1	9079.85	9045.37	9092.94	9072.72	0.27	ppb
Silver	109-1	0.21	0.21	0.22	0.22	2.55	ppb
Silver	107-1	0.22	0.21	0.21	0.21	5.04	ppb
Sodium	23-2	40932.27	40264.01	40464.25	40553.51	0.85	ppb
Strontium	86-1	476.33	474.19	474.02	474.84	0.27	ppb
Strontium	88-1	479.47	483.31	485.27	482.68	0.61	ppb
Sulfur	34-1	16656.00	16545.57	16596.71	16599.42	0.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	0.84	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	43.19	ppb
Tin	118-1	0.86	0.87	0.88	0.87	1.49	ppb
Titanium	47-1	0.67	0.64	0.66	0.66	2.46	ppb
Uranium	238-1	0.96	0.98	0.97	0.97	1.12	ppb
Vanadium	51-2	2.31	2.26	2.31	2.29	1.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.31	11.61	12.06	12.33	7.16	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	7.13	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-17	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:28:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.09	0.09	11.47	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50856.97	50526.38	50076.84	50486.73	0.78	ppb
Antimony	121-1	508.69	509.16	515.87	511.24	0.79	ppb
Arsenic	75-2	501.76	505.89	505.03	504.23	0.43	ppb
Barium	135-1	2527.64	2516.21	2557.50	2533.79	0.84	ppb
Barium	137-1	2521.52	2546.66	2562.72	2543.63	0.82	ppb
Beryllium	9-1	509.02	512.20	508.97	510.06	0.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	506.61	507.89	521.61	512.04	1.62	ppb
Boron	11-1	504.02	515.94	516.25	512.07	1.36	ppb
Cadmium	111-1	470.09	468.75	474.48	471.11	0.64	ppb
Cadmium	106-1	483.30	483.78	492.12	486.40	1.02	ppb
Cadmium	108-1	478.71	473.04	481.09	477.61	0.87	ppb
Calcium	43-1	247187.90	250188.16	254582.85	250652.97	1.48	ppb
Calcium	44-1	247448.99	250123.25	252514.37	250028.87	1.01	ppb
Chromium	52-2	529.91	531.05	526.53	529.16	0.44	ppb
Cobalt	59-2	517.02	518.47	513.27	516.25	0.52	ppb
Copper	63-2	1025.17	1020.46	1012.04	1019.23	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	131591.04	130633.80	129333.32	130519.39	0.87	ppb
Iron	57-2	131121.57	131297.67	130111.75	130843.66	0.49	ppb
Lead	206-1	525.45	533.09	530.95	529.83	0.74	ppb
Lead	207-1	518.48	522.55	520.94	520.66	0.39	ppb
Lead	208-1	525.50	531.92	531.28	529.57	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	249680.66	247123.86	245969.56	247591.36	0.77	ppb
Manganese	55-2	1043.26	1041.39	1034.63	1039.76	0.44	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	531.45	532.98	534.28	532.90	0.27	ppb
Molybdenum	95-1	512.82	519.77	515.00	515.86	0.69	ppb
Molybdenum	96-1	514.76	525.71	517.28	519.25	1.10	ppb
Molybdenum	97-1	515.52	522.92	516.35	518.26	0.78	ppb
Molybdenum	98-1	516.32	520.88	510.77	515.99	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.41	518.56	515.76	517.91	0.37	ppb
Phosphorus	31-2	10247.33	10433.16	9992.94	10224.48	2.16	ppb
Potassium	39-2	126917.95	127354.74	126101.75	126791.48	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	484.25	497.31	476.26	485.94	2.19	ppb
Selenium	78-2	497.03	495.29	489.59	493.97	0.79	ppb
Selenium	82-1	486.33	490.65	486.41	487.79	0.51	ppb
Silicon	28-1	583.73	594.82	617.92	598.82	2.91	ppb
Silver	109-1	469.24	466.50	471.48	469.08	0.53	ppb
Silver	107-1	469.49	467.38	468.29	468.39	0.23	ppb
Sodium	23-2	251414.16	249369.89	246561.23	249115.10	0.98	ppb
Strontium	86-1	513.87	519.10	522.38	518.45	0.83	ppb
Strontium	88-1	519.52	523.39	524.98	522.63	0.54	ppb
Sulfur	34-1	9835.85	9743.53	10145.17	9908.18	2.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.59	530.72	522.02	523.78	1.19	ppb
Thallium	205-1	529.48	535.29	538.63	534.47	0.87	ppb
Tin	118-1	493.04	490.10	497.90	493.68	0.80	ppb
Titanium	47-1	518.09	516.73	525.96	520.26	0.96	ppb
Uranium	238-1	529.74	530.32	533.19	531.08	0.35	ppb
Vanadium	51-2	526.50	522.92	518.11	522.51	0.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1003.89	1012.08	1000.79	1005.59	0.58	ppb
Zirconium	90-1	538.26	543.49	545.07	542.28	0.66	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	531.37	531.99	534.35	532.57	0.30	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:46:22 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	-1.69	-1.27	-1.45		ppb
Antimony	121-1	0.26	0.27	0.26	0.26	3.48	ppb
Arsenic	75-2	0.01	0.06	0.08	0.05	74.52	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.38	0.28	0.26	0.31	20.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.98	10.86	9.50	10.78	11.51	ppb
Boron	11-1	10.73	10.63	10.12	10.49	3.09	ppb
Cadmium	111-1	-0.24	-0.23	-0.27	-0.25		ppb
Cadmium	106-1	-3.27	-3.18	-3.71	-3.39		ppb
Cadmium	108-1	0.03	0.00	0.08	0.04	126.17	ppb
Calcium	43-1	-8.00	-9.20	-7.24	-8.15		ppb
Calcium	44-1	-7.90	-7.85	-8.13	-7.96		ppb
Chromium	52-2	0.01	0.02	-0.01	0.01	191.25	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	155.79	ppb
Copper	63-2	0.41	0.43	0.42	0.42	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.76	1.81	1.83	1.80	2.10	ppb
Iron	57-2	1.33	0.04	-0.07	0.43	179.83	ppb
Lead	206-1	0.02	0.04	0.04	0.03	26.95	ppb
Lead	207-1	0.05	0.05	0.05	0.05	5.08	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.56	ppb
Lithium	6-1						%
Magnesium	24-2	-16.67	-16.26	-15.66	-16.19		ppb
Manganese	55-2	-0.34	-0.32	-0.35	-0.34		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:46:22	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.04	0.05	23.50	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.06	10.16	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	2.48	ppb
Molybdenum	97-1	0.08	0.05	0.07	0.07	16.57	ppb
Molybdenum	98-1	0.07	0.04	0.06	0.06	25.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.28	-0.32	-0.34		ppb
Phosphorus	31-2	-8.20	-16.72	12.89	-4.01		ppb
Potassium	39-2	14.80	4.26	9.82	9.63	54.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.70	0.00	0.23	173.21	ppb
Selenium	78-2	-0.08	0.51	0.39	0.27	114.72	ppb
Selenium	82-1	1.52	-0.08	0.02	0.49	185.25	ppb
Silicon	28-1	-2.78	-3.88	-2.25	-2.97		ppb
Silver	109-1	0.05	0.05	0.05	0.05	7.08	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.09	ppb
Sodium	23-2	32.41	27.69	27.88	29.33	9.10	ppb
Strontium	86-1	0.05	-0.05	0.01	0.00	1813.28	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-326.85	-473.66	-442.27	-414.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	38.68	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	52.75	ppb
Tin	118-1	0.07	0.05	0.07	0.06	20.37	ppb
Titanium	47-1	-0.04	-0.04	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	59.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.26	0.15	0.08	0.16	54.59	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	1.51	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:46:22	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.09	0.09	0.08	39.48	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : PB100664BL Instrumnet Name : P7
 Client Sample ID : PB100664BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:10:41 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.69	-1.69	-1.26	-1.54		ppb
Antimony	121-1	0.05	0.08	0.06	0.06	21.52	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.00	-0.01	0.00	-0.01		ppb
Barium	137-1	0.01	0.02	0.01	0.01	35.06	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	16.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.61	3.57	3.70	3.29	18.12	ppb
Boron	11-1	3.29	2.95	3.17	3.13	5.50	ppb
Cadmium	111-1	-0.28	-0.32	-0.21	-0.27		ppb
Cadmium	106-1	-3.91	-4.42	-2.82	-3.72		ppb
Cadmium	108-1	-0.06	0.00	-0.03	-0.03		ppb
Calcium	43-1	-5.92	-5.60	-6.59	-6.04		ppb
Calcium	44-1	-8.04	-8.65	-8.63	-8.44		ppb
Chromium	52-2	0.02	0.03	0.02	0.02	35.66	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.15	0.12	0.24	0.17	35.71	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	0.19	0.17	0.21	0.19	9.51	ppb
Iron	57-2	0.34	0.89	0.58	0.60	46.34	ppb
Lead	206-1	0.01	0.01	0.01	0.01	30.23	ppb
Lead	207-1	0.03	0.03	0.02	0.03	30.18	ppb
Lead	208-1	0.02	0.02	0.01	0.02	11.23	ppb
Lithium	6-1						%
Magnesium	24-2	-12.38	-11.81	-10.72	-11.63		ppb
Manganese	55-2	-0.36	-0.35	-0.35	-0.36		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BL	Instrumnet Name :	P7
Client Sample ID :	PB100664BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:10:41	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	52.46	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	197.17	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	3.20	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	33.29	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.16	-0.17	-0.18		ppb
Phosphorus	31-2	11.02	-2.77	5.28	4.51	153.66	ppb
Potassium	39-2	13.40	9.01	10.45	10.96	20.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	0.13	-0.39	-0.24		ppb
Selenium	82-1	-0.38	0.08	-0.98	-0.43		ppb
Silicon	28-1	-3.48	-4.55	-6.03	-4.69		ppb
Silver	109-1	0.03	0.04	0.05	0.04	17.50	ppb
Silver	107-1	0.03	0.02	0.03	0.03	23.52	ppb
Sodium	23-2	15.28	17.07	15.18	15.84	6.73	ppb
Strontium	86-1	0.08	-0.01	-0.02	0.02	340.64	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	109.67	39.01	-208.32	-19.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	103.74	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	115.04	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.03	-0.04	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	76.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.04	-0.15	-0.11		ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	34.07	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BL	Instrumnet Name :	P7
Client Sample ID :	PB100664BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:10:41	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.03	0.03	41.65	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.39	-1.39	-1.10	-1.29		ppb
Antimony	121-1	0.05	0.03	0.04	0.04	25.67	ppb
Arsenic	75-2	0.01	-0.04	0.03	0.00		ppb
Barium	135-1	0.02	0.00	0.01	0.01	142.40	ppb
Barium	137-1	0.02	0.00	0.01	0.01	89.64	ppb
Beryllium	9-1	0.08	0.12	0.15	0.11	28.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.23	3.13	3.25	2.87	19.55	ppb
Boron	11-1	2.76	2.87	2.73	2.79	2.63	ppb
Cadmium	111-1	-0.20	-0.25	-0.32	-0.26		ppb
Cadmium	106-1	-2.63	-3.50	-4.26	-3.46		ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00		ppb
Calcium	43-1	-6.26	-2.66	-1.48	-3.47		ppb
Calcium	44-1	-2.96	-3.84	-4.43	-3.74		ppb
Chromium	52-2	0.04	0.01	0.03	0.02	55.59	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	289.86	ppb
Copper	63-2	0.13	0.12	0.18	0.14	22.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.03	-0.12	-0.05	-0.07		ppb
Iron	57-2	-0.30	-0.87	-1.50	-0.89		ppb
Lead	206-1	492.61	500.77	490.32	494.57	1.11	ppb
Lead	207-1	480.95	491.78	483.74	485.49	1.16	ppb
Lead	208-1	491.06	499.18	493.07	494.44	0.86	ppb
Lithium	6-1						%
Magnesium	24-2	-12.81	-11.20	-12.29	-12.10		ppb
Manganese	55-2	-0.32	-0.38	-0.33	-0.34		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.02	0.02	66.51	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	1010.56	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	67.02	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.30	-0.25	-0.24		ppb
Phosphorus	31-2	11.82	6.54	6.32	8.23	37.82	ppb
Potassium	39-2	9.58	6.38	3.46	6.47	47.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	1.26	0.83	0.78	64.80	ppb
Selenium	82-1	-0.26	-0.35	-0.21	-0.27		ppb
Silicon	28-1	0.01	-0.61	-0.80	-0.47		ppb
Silver	109-1	0.03	0.02	0.03	0.03	7.36	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.91	ppb
Sodium	23-2	16.40	16.94	15.85	16.40	3.32	ppb
Strontium	86-1	-0.04	-0.02	-0.09	-0.05		ppb
Strontium	88-1	-0.01	0.00	0.00	-0.01		ppb
Sulfur	34-1	88.12	36.35	179.51	101.33	71.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	1.56	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	35.76	ppb
Tin	118-1	-0.06	-0.07	-0.07	-0.07		ppb
Titanium	47-1	-0.02	-0.02	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	38.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.64	0.55	0.56	12.95	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.57	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.04	0.03	45.68	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-21 Instrumnet Name : P7
 Client Sample ID : DC24618-45-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:17:38 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3505.53	3596.52	3594.81	3565.62	1.46	ppb
Antimony	121-1	0.76	0.82	0.85	0.81	5.95	ppb
Arsenic	75-2	2.94	3.20	3.08	3.07	4.30	ppb
Barium	135-1	282.29	281.93	276.96	280.40	1.06	ppb
Barium	137-1	282.05	283.52	280.57	282.05	0.52	ppb
Beryllium	9-1	0.50	0.43	0.48	0.47	7.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.58	11.14	10.46	10.73	3.37	ppb
Boron	11-1	8.49	9.62	8.90	9.00	6.34	ppb
Cadmium	111-1	0.82	0.93	0.89	0.88	6.31	ppb
Cadmium	106-1	-2.06	-2.73	-1.26	-2.02		ppb
Cadmium	108-1	2.46	2.50	2.76	2.57	6.38	ppb
Calcium	43-1	7405.85	7560.57	7539.04	7501.82	1.12	ppb
Calcium	44-1	7661.45	7708.69	7706.70	7692.28	0.35	ppb
Chromium	52-2	3.75	3.86	3.77	3.79	1.51	ppb
Cobalt	59-2	7.81	7.89	7.83	7.84	0.53	ppb
Copper	63-2	6108.67	6297.04	6308.52	6238.08	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15842.96	16274.09	16321.34	16146.13	1.63	ppb
Iron	57-2	15679.70	16067.75	16054.32	15933.93	1.38	ppb
Lead	206-1	122.46	121.12	120.95	121.51	0.68	ppb
Lead	207-1	112.05	111.27	110.87	111.40	0.54	ppb
Lead	208-1	116.36	115.83	115.39	115.86	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	1950.09	2030.26	2051.45	2010.60	2.66	ppb
Manganese	55-2	4485.64	4622.31	4630.38	4579.44	1.78	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-21 Instrumnet Name : P7
 Client Sample ID : DC24618-45-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:17:38 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.84	0.70	0.69	0.74	11.35	ppb
Molybdenum	95-1	0.32	0.30	0.29	0.30	4.27	ppb
Molybdenum	96-1	0.51	0.40	0.42	0.44	12.60	ppb
Molybdenum	97-1	0.21	0.24	0.22	0.22	7.27	ppb
Molybdenum	98-1	0.29	0.23	0.23	0.25	14.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	370.02	385.12	386.83	380.66	2.43	ppb
Phosphorus	31-2	3374.30	3504.57	3722.41	3533.76	4.98	ppb
Potassium	39-2	806.72	842.52	846.01	831.75	2.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.70	2.05	2.12	2.29	15.58	ppb
Selenium	78-2	-0.05	1.11	0.44	0.50	115.22	ppb
Selenium	82-1	0.30	1.47	-0.29	0.49	181.57	ppb
Silicon	28-1	2689.37	2736.30	2720.14	2715.27	0.88	ppb
Silver	109-1	0.69	0.72	0.76	0.72	4.49	ppb
Silver	107-1	0.73	0.73	0.75	0.74	1.47	ppb
Sodium	23-2	10438.96	10728.02	10738.82	10635.27	1.60	ppb
Strontium	86-1	30.08	30.12	30.23	30.14	0.27	ppb
Strontium	88-1	30.52	30.30	30.10	30.31	0.69	ppb
Sulfur	34-1	692.92	719.83	642.01	684.92	5.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.28	0.31	0.29	4.54	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.97	ppb
Tin	118-1	0.85	0.90	0.80	0.85	5.46	ppb
Titanium	47-1	102.38	102.58	103.05	102.67	0.34	ppb
Uranium	238-1	1.38	1.38	1.39	1.39	0.45	ppb
Vanadium	51-2	4.06	4.24	4.26	4.19	2.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4798.21	4955.45	4956.80	4903.48	1.86	ppb
Zirconium	90-1	1.03	1.01	0.92	0.99	5.95	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-21	Instrumnet Name :	P7
Client Sample ID :	DC24618-45-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:17:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	0.97	0.88	0.96	8.64	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22 Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:21:05 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.20	111.64	104.92	107.92	3.17	ppb
Antimony	121-1	0.32	0.31	0.33	0.32	3.29	ppb
Arsenic	75-2	0.31	0.38	0.34	0.34	10.39	ppb
Barium	135-1	20.07	20.10	20.03	20.06	0.16	ppb
Barium	137-1	20.00	19.81	20.70	20.17	2.33	ppb
Beryllium	9-1	0.06	0.07	0.08	0.07	15.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.64	4.72	7.07	5.81	20.32	ppb
Boron	11-1	5.71	5.55	6.04	5.77	4.37	ppb
Cadmium	111-1	-0.21	-0.31	-0.27	-0.26		ppb
Cadmium	106-1	-3.12	-4.61	-4.24	-3.99		ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	511.20	ppb
Calcium	43-1	5193.78	5131.69	5118.05	5147.84	0.78	ppb
Calcium	44-1	5225.05	5269.49	5206.72	5233.75	0.62	ppb
Chromium	52-2	0.24	0.21	0.26	0.24	9.86	ppb
Cobalt	59-2	0.14	0.14	0.12	0.13	6.65	ppb
Copper	63-2	149.70	148.11	150.74	149.52	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	225.50	224.86	221.95	224.10	0.84	ppb
Iron	57-2	211.00	222.49	220.32	217.93	2.80	ppb
Lead	206-1	9.04	9.09	9.01	9.05	0.44	ppb
Lead	207-1	8.17	8.33	8.37	8.29	1.28	ppb
Lead	208-1	8.54	8.62	8.54	8.56	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	1120.03	1102.84	1125.03	1115.97	1.04	ppb
Manganese	55-2	65.42	63.77	65.48	64.89	1.50	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22 Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:21:05 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.18	0.16	0.16	9.06	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.19	ppb
Molybdenum	96-1	0.07	0.07	0.08	0.07	7.62	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	9.40	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	31.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.85	7.69	7.67	7.73	1.28	ppb
Phosphorus	31-2	764.43	608.63	624.17	665.75	12.89	ppb
Potassium	39-2	528.20	540.94	521.51	530.22	1.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.70	0.71	0.47	86.61	ppb
Selenium	78-2	0.01	-0.28	-0.46	-0.25		ppb
Selenium	82-1	-0.16	-0.19	-0.73	-0.36		ppb
Silicon	28-1	1134.82	1152.72	1145.92	1144.49	0.79	ppb
Silver	109-1	0.23	0.21	0.25	0.23	7.33	ppb
Silver	107-1	0.20	0.21	0.21	0.20	2.62	ppb
Sodium	23-2	9805.58	9549.72	9772.10	9709.13	1.43	ppb
Strontium	86-1	17.91	17.86	18.10	17.96	0.70	ppb
Strontium	88-1	18.12	18.31	18.36	18.26	0.68	ppb
Sulfur	34-1	619.54	506.59	591.53	572.55	10.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.01	-0.03	-0.03	-0.02		ppb
Titanium	47-1	2.50	2.42	2.91	2.61	10.04	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	14.38	ppb
Vanadium	51-2	0.19	0.21	0.17	0.19	11.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.52	100.65	104.67	102.95	2.01	ppb
Zirconium	90-1	0.26	0.23	0.23	0.24	7.77	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:21:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.27	0.28	0.27	4.27	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22DUP Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:24:34 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	108.39	103.94	104.76	105.70	2.24	ppb
Antimony	121-1	0.24	0.29	0.32	0.28	14.01	ppb
Arsenic	75-2	0.40	0.32	0.28	0.33	17.88	ppb
Barium	135-1	20.19	20.40	20.33	20.31	0.52	ppb
Barium	137-1	20.49	20.30	20.51	20.44	0.56	ppb
Beryllium	9-1	0.07	0.04	0.05	0.05	24.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.28	5.35	4.93	5.19	4.34	ppb
Boron	11-1	5.88	5.40	5.95	5.74	5.16	ppb
Cadmium	111-1	-0.34	-0.32	-0.29	-0.32		ppb
Cadmium	106-1	-4.84	-4.71	-4.37	-4.64		ppb
Cadmium	108-1	0.17	0.14	0.02	0.11	70.01	ppb
Calcium	43-1	5174.51	5114.57	5097.06	5128.71	0.79	ppb
Calcium	44-1	5244.40	5230.18	5254.20	5242.92	0.23	ppb
Chromium	52-2	0.22	0.21	0.21	0.21	3.11	ppb
Cobalt	59-2	0.13	0.13	0.12	0.12	4.08	ppb
Copper	63-2	151.85	154.85	153.42	153.37	0.98	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	232.59	232.84	225.10	230.18	1.91	ppb
Iron	57-2	231.52	231.12	227.43	230.02	0.98	ppb
Lead	206-1	9.06	9.06	9.17	9.09	0.71	ppb
Lead	207-1	8.42	8.27	8.28	8.32	1.02	ppb
Lead	208-1	8.67	8.62	8.62	8.64	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	1142.43	1154.03	1129.28	1141.91	1.08	ppb
Manganese	55-2	65.22	65.87	65.27	65.45	0.55	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22DUP Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:24:34 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.15	0.13	0.14	7.46	ppb
Molybdenum	95-1	0.04	0.01	0.05	0.04	53.15	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	16.65	ppb
Molybdenum	97-1	0.03	0.04	0.06	0.04	33.33	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	29.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.94	8.05	7.83	7.94	1.37	ppb
Phosphorus	31-2	596.63	717.63	596.11	636.79	10.99	ppb
Potassium	39-2	538.87	534.22	525.40	532.83	1.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.71	0.71	0.48	86.60	ppb
Selenium	78-2	-0.57	0.72	-0.90	-0.25		ppb
Selenium	82-1	-0.38	-0.48	0.08	-0.26		ppb
Silicon	28-1	1146.38	1155.88	1161.07	1154.44	0.65	ppb
Silver	109-1	0.22	0.19	0.20	0.20	6.90	ppb
Silver	107-1	0.20	0.21	0.22	0.21	4.60	ppb
Sodium	23-2	9922.96	10052.28	9929.70	9968.32	0.73	ppb
Strontium	86-1	18.20	18.98	18.19	18.46	2.44	ppb
Strontium	88-1	18.41	18.63	18.46	18.50	0.63	ppb
Sulfur	34-1	599.16	651.69	681.91	644.25	6.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	0.00	-0.01	-0.02		ppb
Titanium	47-1	2.88	2.68	2.41	2.66	8.93	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	10.17	ppb
Vanadium	51-2	0.19	0.19	0.19	0.19	2.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.95	106.55	103.96	104.82	1.43	ppb
Zirconium	90-1	0.19	0.22	0.17	0.19	11.34	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22DUP	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:24:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.22	0.17	0.20	11.00	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22LX5 Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 5
 Date & Time Acquired :: 2017-07-14 17:28:03 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.97	15.67	22.28	19.31	17.39	ppb
Antimony	121-1	0.08	0.05	0.07	0.06	18.40	ppb
Arsenic	75-2	0.05	0.11	0.07	0.08	38.89	ppb
Barium	135-1	3.90	3.74	3.82	3.82	2.00	ppb
Barium	137-1	3.94	3.84	3.81	3.86	1.67	ppb
Beryllium	9-1	0.08	0.07	0.08	0.08	10.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.12	2.80	3.80	3.24	15.71	ppb
Boron	11-1	2.85	3.10	3.23	3.06	6.35	ppb
Cadmium	111-1	-0.32	-0.32	-0.26	-0.30		ppb
Cadmium	106-1	-4.39	-4.46	-3.53	-4.13		ppb
Cadmium	108-1	-0.03	0.00	0.00	-0.01		ppb
Calcium	43-1	977.72	987.61	995.02	986.78	0.88	ppb
Calcium	44-1	999.40	1009.98	992.89	1000.76	0.86	ppb
Chromium	52-2	0.03	0.10	0.07	0.07	53.69	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	22.54	ppb
Copper	63-2	28.88	29.15	29.23	29.09	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.18	42.72	42.28	42.73	1.06	ppb
Iron	57-2	39.81	42.11	34.54	38.82	10.00	ppb
Lead	206-1	1.76	1.72	1.63	1.70	4.04	ppb
Lead	207-1	1.54	1.62	1.61	1.59	2.62	ppb
Lead	208-1	1.62	1.67	1.64	1.64	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	203.99	206.94	211.72	207.55	1.88	ppb
Manganese	55-2	12.34	12.40	12.40	12.38	0.29	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22LX5	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 17:28:03	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	52.65	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	75.04	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.01	18.35	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	443.75	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.01	106.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.23	1.26	1.24	1.82	ppb
Phosphorus	31-2	97.73	126.25	129.75	117.91	14.90	ppb
Potassium	39-2	102.22	112.60	104.68	106.50	5.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	0.61	0.11	0.32	84.30	ppb
Selenium	82-1	-0.40	-0.22	-0.23	-0.29		ppb
Silicon	28-1	225.20	216.87	214.96	219.01	2.49	ppb
Silver	109-1	0.08	0.09	0.10	0.09	7.80	ppb
Silver	107-1	0.08	0.11	0.09	0.09	16.55	ppb
Sodium	23-2	1923.00	1934.85	1915.60	1924.48	0.50	ppb
Strontium	86-1	3.41	3.66	3.51	3.53	3.67	ppb
Strontium	88-1	3.58	3.52	3.59	3.56	1.01	ppb
Sulfur	34-1	27.32	96.49	23.44	49.08	83.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.03	-0.04	-0.03		ppb
Titanium	47-1	0.50	0.50	0.55	0.51	5.50	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	21.65	ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	15.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.25	20.07	18.97	19.43	2.94	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	31.00	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22LX5	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 17:28:03	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.03	0.04	37.15	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MS Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:31:32 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2084.35	2084.19	2072.25	2080.26	0.33	ppb
Antimony	121-1	763.75	752.48	756.63	757.62	0.75	ppb
Arsenic	75-2	810.45	804.80	810.38	808.54	0.40	ppb
Barium	135-1	222.01	218.96	221.07	220.68	0.71	ppb
Barium	137-1	225.76	223.45	223.59	224.27	0.58	ppb
Beryllium	9-1	193.25	194.94	195.32	194.51	0.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	266.42	278.24	274.60	273.09	2.22	ppb
Boron	11-1	260.91	273.27	273.49	269.22	2.67	ppb
Cadmium	111-1	199.81	199.31	200.27	199.79	0.24	ppb
Cadmium	106-1	159.03	165.82	163.11	162.65	2.10	ppb
Cadmium	108-1	185.00	183.43	182.89	183.77	0.60	ppb
Calcium	43-1	6086.14	6069.94	6096.53	6084.20	0.22	ppb
Calcium	44-1	6182.98	6155.90	6187.22	6175.37	0.28	ppb
Chromium	52-2	431.41	431.13	431.86	431.47	0.09	ppb
Cobalt	59-2	226.13	226.28	224.14	225.52	0.53	ppb
Copper	63-2	500.78	502.48	502.46	501.91	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	3741.76	3706.95	3686.87	3711.86	0.75	ppb
Iron	57-2	3616.89	3624.34	3599.86	3613.70	0.35	ppb
Lead	206-1	1069.56	1066.34	1074.04	1069.98	0.36	ppb
Lead	207-1	1038.95	1038.25	1046.72	1041.31	0.45	ppb
Lead	208-1	1061.30	1055.16	1058.42	1058.29	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	3182.86	3187.93	3167.99	3179.59	0.33	ppb
Manganese	55-2	283.35	282.29	280.35	282.00	0.54	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MS Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:31:32 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	130.38	130.34	130.86	130.53	0.22	ppb
Molybdenum	95-1	405.57	404.81	408.24	406.21	0.44	ppb
Molybdenum	96-1	340.65	340.86	341.70	341.07	0.16	ppb
Molybdenum	97-1	408.28	404.98	409.28	407.51	0.55	ppb
Molybdenum	98-1	408.65	407.10	409.67	408.47	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	583.37	582.59	579.06	581.67	0.39	ppb
Phosphorus	31-2	6648.64	6721.60	6533.60	6634.61	1.43	ppb
Potassium	39-2	10765.45	10651.99	10717.13	10711.52	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2201.92	2198.29	2189.51	2196.57	0.29	ppb
Selenium	78-2	2185.97	2162.83	2137.59	2162.13	1.12	ppb
Selenium	82-1	2183.36	2162.93	2175.57	2173.95	0.47	ppb
Silicon	28-1	1874.92	1893.31	1886.69	1884.97	0.49	ppb
Silver	109-1	73.98	73.38	74.08	73.82	0.51	ppb
Silver	107-1	73.58	73.21	73.61	73.47	0.30	ppb
Sodium	23-2	12792.76	12806.38	12787.15	12795.43	0.08	ppb
Strontium	86-1	220.39	220.24	220.66	220.43	0.10	ppb
Strontium	88-1	224.77	223.58	223.94	224.10	0.27	ppb
Sulfur	34-1	276.05	328.81	231.29	278.72	17.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2105.07	2087.39	2123.52	2105.33	0.86	ppb
Thallium	205-1	2120.92	2091.96	2115.85	2109.58	0.73	ppb
Tin	118-1	693.79	693.12	692.97	693.29	0.06	ppb
Titanium	47-1	211.33	214.30	210.69	212.11	0.91	ppb
Uranium	238-1	0.04	0.03	0.04	0.03	8.56	ppb
Vanadium	51-2	317.89	320.07	319.89	319.28	0.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	336.64	342.80	340.16	339.87	0.91	ppb
Zirconium	90-1	1.14	0.98	0.90	1.01	12.36	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MS	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:31:32	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.29	1.17	0.99	1.15	12.97	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MSD	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:34:58	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2054.81	2056.56	2027.61	2046.33	0.79	ppb
Antimony	121-1	778.01	789.30	771.98	779.77	1.13	ppb
Arsenic	75-2	801.40	797.18	801.49	800.02	0.31	ppb
Barium	135-1	219.02	224.52	219.04	220.86	1.44	ppb
Barium	137-1	222.22	223.75	221.32	222.43	0.55	ppb
Beryllium	9-1	191.08	192.95	195.29	193.11	1.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	269.16	284.29	280.29	277.91	2.82	ppb
Boron	11-1	272.71	275.09	285.45	277.75	2.44	ppb
Cadmium	111-1	196.10	200.84	195.18	197.37	1.54	ppb
Cadmium	106-1	156.05	161.11	157.90	158.35	1.62	ppb
Cadmium	108-1	178.34	184.50	180.92	181.25	1.71	ppb
Calcium	43-1	6208.45	6262.79	6206.79	6226.01	0.51	ppb
Calcium	44-1	6341.47	6394.82	6351.74	6362.68	0.44	ppb
Chromium	52-2	428.88	424.38	425.50	426.25	0.55	ppb
Cobalt	59-2	223.74	221.57	223.70	223.00	0.56	ppb
Copper	63-2	504.23	498.63	504.20	502.36	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3688.65	3655.30	3674.62	3672.86	0.46	ppb
Iron	57-2	3577.23	3533.64	3589.33	3566.73	0.82	ppb
Lead	206-1	1055.43	1053.88	1058.43	1055.92	0.22	ppb
Lead	207-1	1028.16	1010.39	1028.31	1022.29	1.01	ppb
Lead	208-1	1042.07	1035.09	1042.58	1039.91	0.40	ppb
Lithium	6-1						%
Magnesium	24-2	3222.39	3177.56	3190.20	3196.72	0.72	ppb
Manganese	55-2	282.97	281.01	281.29	281.76	0.38	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MSD Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:34:58 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	132.30	132.53	132.78	132.53	0.18	ppb
Molybdenum	95-1	414.04	412.70	414.64	413.79	0.24	ppb
Molybdenum	96-1	347.26	348.46	349.07	348.26	0.26	ppb
Molybdenum	97-1	415.75	420.56	417.63	417.98	0.58	ppb
Molybdenum	98-1	417.00	416.98	419.91	417.96	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	577.45	576.31	576.76	576.84	0.10	ppb
Phosphorus	31-2	6496.07	6543.14	6719.24	6586.15	1.79	ppb
Potassium	39-2	10639.06	10639.45	10664.31	10647.60	0.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2182.92	2190.59	2164.40	2179.30	0.62	ppb
Selenium	78-2	2167.37	2171.93	2150.18	2163.16	0.53	ppb
Selenium	82-1	2126.97	2146.97	2154.40	2142.78	0.66	ppb
Silicon	28-1	1952.48	1949.71	1935.64	1945.94	0.46	ppb
Silver	109-1	72.28	74.42	72.31	73.00	1.68	ppb
Silver	107-1	71.75	73.20	71.92	72.29	1.10	ppb
Sodium	23-2	13198.30	13091.62	13138.86	13142.92	0.41	ppb
Strontium	86-1	217.45	220.31	218.78	218.84	0.65	ppb
Strontium	88-1	221.30	223.43	222.77	222.50	0.49	ppb
Sulfur	34-1	93.33	295.27	255.67	214.76	49.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2073.36	2053.47	2080.13	2068.99	0.67	ppb
Thallium	205-1	2085.47	2069.17	2073.64	2076.09	0.41	ppb
Tin	118-1	708.52	721.46	707.90	712.63	1.07	ppb
Titanium	47-1	215.57	217.87	216.32	216.59	0.54	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	9.18	ppb
Vanadium	51-2	317.18	313.69	316.56	315.81	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	343.04	340.63	338.70	340.79	0.64	ppb
Zirconium	90-1	0.53	0.50	0.50	0.51	3.15	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MSD	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:34:58	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.70	0.58	0.67	11.70	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22A Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:38:25 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2066.59	2097.88	2107.54	2090.67	1.02	ppb
Antimony	121-1	772.76	764.89	769.51	769.05	0.51	ppb
Arsenic	75-2	804.48	815.74	813.04	811.09	0.72	ppb
Barium	135-1	220.96	220.49	221.46	220.97	0.22	ppb
Barium	137-1	225.03	222.63	224.14	223.93	0.54	ppb
Beryllium	9-1	196.63	196.86	195.10	196.20	0.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	278.97	285.25	287.16	283.79	1.51	ppb
Boron	11-1	283.68	282.84	286.40	284.31	0.65	ppb
Cadmium	111-1	202.13	199.54	199.11	200.26	0.82	ppb
Cadmium	106-1	163.60	160.59	160.45	161.55	1.10	ppb
Cadmium	108-1	180.58	184.73	183.54	182.95	1.17	ppb
Calcium	43-1	6203.67	6071.12	6232.11	6168.97	1.39	ppb
Calcium	44-1	6333.62	6288.98	6336.20	6319.60	0.42	ppb
Chromium	52-2	430.93	434.83	437.21	434.32	0.73	ppb
Cobalt	59-2	225.98	227.20	228.54	227.24	0.56	ppb
Copper	63-2	506.54	510.32	516.18	511.01	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3713.50	3746.71	3780.06	3746.76	0.89	ppb
Iron	57-2	3597.97	3675.85	3680.27	3651.36	1.27	ppb
Lead	206-1	1058.68	1078.77	1082.95	1073.47	1.21	ppb
Lead	207-1	1040.11	1042.41	1046.38	1042.97	0.30	ppb
Lead	208-1	1055.43	1064.15	1067.77	1062.45	0.60	ppb
Lithium	6-1						%
Magnesium	24-2	3174.59	3209.19	3252.95	3212.24	1.22	ppb
Manganese	55-2	285.60	284.79	287.71	286.03	0.53	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22A	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:38:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	130.82	132.15	132.69	131.89	0.73	ppb
Molybdenum	95-1	413.46	414.79	416.72	414.99	0.39	ppb
Molybdenum	96-1	347.24	347.14	347.37	347.25	0.03	ppb
Molybdenum	97-1	414.51	417.56	419.61	417.23	0.62	ppb
Molybdenum	98-1	412.09	416.62	418.49	415.73	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.95	587.17	589.93	586.35	0.69	ppb
Phosphorus	31-2	6654.80	6793.53	6765.06	6737.80	1.09	ppb
Potassium	39-2	10749.91	10773.58	10870.51	10798.00	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2124.17	2173.52	2207.58	2168.42	1.93	ppb
Selenium	78-2	2171.28	2157.94	2185.27	2171.49	0.63	ppb
Selenium	82-1	2175.63	2185.07	2183.17	2181.29	0.23	ppb
Silicon	28-1	1936.53	1979.25	1939.03	1951.60	1.23	ppb
Silver	109-1	73.65	73.47	74.10	73.74	0.44	ppb
Silver	107-1	73.85	72.87	73.66	73.46	0.71	ppb
Sodium	23-2	12999.58	13064.58	13249.53	13104.56	0.99	ppb
Strontium	86-1	221.72	222.87	221.47	222.02	0.34	ppb
Strontium	88-1	224.43	226.25	225.99	225.56	0.43	ppb
Sulfur	34-1	408.74	146.93	317.98	291.21	45.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2078.01	2116.56	2110.13	2101.57	0.98	ppb
Thallium	205-1	2087.18	2105.40	2112.99	2101.86	0.63	ppb
Tin	118-1	711.24	706.76	706.48	708.16	0.38	ppb
Titanium	47-1	217.74	215.58	217.30	216.88	0.53	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	0.71	ppb
Vanadium	51-2	320.57	322.61	325.85	323.01	0.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	344.65	343.22	349.54	345.80	0.96	ppb
Zirconium	90-1	0.38	0.38	0.38	0.38	0.74	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22A	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:38:25	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.53	0.54	0.53	2.70	ppb

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-23 Instrumnet Name : P7
 Client Sample ID : DC24618-47-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:41:52 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2449.37	2399.32	2369.21	2405.97	1.68	ppb
Antimony	121-1	4.15	4.01	4.01	4.05	1.97	ppb
Arsenic	75-2	2.31	2.22	2.46	2.33	5.28	ppb
Barium	135-1	167.46	165.77	166.22	166.48	0.53	ppb
Barium	137-1	169.02	167.57	166.71	167.77	0.70	ppb
Beryllium	9-1	0.50	0.60	0.45	0.52	14.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.58	25.08	25.01	26.22	7.77	ppb
Boron	11-1	25.85	24.59	25.00	25.15	2.55	ppb
Cadmium	111-1	2.83	2.79	2.90	2.84	1.90	ppb
Cadmium	106-1	0.18	0.57	0.49	0.42	48.96	ppb
Cadmium	108-1	4.69	4.51	4.78	4.66	2.98	ppb
Calcium	43-1	6679.83	6583.94	6560.11	6607.96	0.96	ppb
Calcium	44-1	6732.52	6713.21	6714.50	6720.07	0.16	ppb
Chromium	52-2	2.64	2.54	2.62	2.60	2.07	ppb
Cobalt	59-2	4.65	4.52	4.61	4.59	1.53	ppb
Copper	63-2	4718.29	4608.78	4656.96	4661.34	1.18	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	10389.34	10175.01	10237.50	10267.28	1.07	ppb
Iron	57-2	10148.11	9948.67	10080.72	10059.17	1.01	ppb
Lead	206-1	140.98	140.92	139.73	140.54	0.50	ppb
Lead	207-1	128.65	128.53	128.26	128.48	0.16	ppb
Lead	208-1	133.92	133.66	133.04	133.54	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	1622.90	1613.79	1625.69	1620.79	0.38	ppb
Manganese	55-2	2512.07	2474.18	2489.91	2492.06	0.76	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-23	Instrumnet Name :	P7
Client Sample ID :	DC24618-47-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:41:52	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.58	0.57	0.55	0.57	2.74	ppb
Molybdenum	95-1	0.60	0.58	0.61	0.60	2.63	ppb
Molybdenum	96-1	0.59	0.64	0.61	0.61	4.46	ppb
Molybdenum	97-1	0.59	0.47	0.55	0.54	11.43	ppb
Molybdenum	98-1	0.64	0.61	0.57	0.61	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.55	66.92	67.71	67.73	1.21	ppb
Phosphorus	31-2	2667.07	2607.80	2714.72	2663.20	2.01	ppb
Potassium	39-2	746.81	727.88	749.70	741.46	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.84	2.12	1.43	2.13	33.30	ppb
Selenium	78-2	1.86	-0.47	0.94	0.78	150.96	ppb
Selenium	82-1	0.61	0.29	1.11	0.67	61.32	ppb
Silicon	28-1	2217.61	2188.89	2207.31	2204.61	0.66	ppb
Silver	109-1	0.71	0.67	0.64	0.67	5.41	ppb
Silver	107-1	0.67	0.69	0.70	0.69	2.39	ppb
Sodium	23-2	10386.28	10208.69	10264.29	10286.42	0.88	ppb
Strontium	86-1	24.89	24.94	24.41	24.74	1.19	ppb
Strontium	88-1	24.80	24.83	24.80	24.81	0.07	ppb
Sulfur	34-1	587.05	463.38	521.96	524.13	11.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.21	0.20	0.21	6.19	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	1.96	ppb
Tin	118-1	1.17	1.07	1.09	1.11	5.13	ppb
Titanium	47-1	65.41	66.55	66.91	66.29	1.18	ppb
Uranium	238-1	0.97	0.94	0.97	0.96	1.41	ppb
Vanadium	51-2	2.79	2.66	2.74	2.73	2.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6488.50	6381.19	6382.82	6417.50	0.96	ppb
Zirconium	90-1	0.57	0.56	0.52	0.55	4.50	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-23	Instrumnet Name :	P7
Client Sample ID :	DC24618-47-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:41:52	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.48	0.59	0.54	9.56	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49992.37	52606.94	50140.30	50913.20	2.88	ppb
Antimony	121-1	483.20	492.96	483.49	486.55	1.14	ppb
Arsenic	75-2	496.12	531.41	492.64	506.72	4.23	ppb
Barium	135-1	2476.92	2504.04	2468.32	2483.09	0.75	ppb
Barium	137-1	2469.16	2521.23	2492.32	2494.24	1.05	ppb
Beryllium	9-1	484.93	489.81	486.80	487.18	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	489.80	492.13	482.03	487.99	1.08	ppb
Boron	11-1	471.76	488.00	489.05	482.94	2.01	ppb
Cadmium	111-1	465.27	470.28	458.67	464.74	1.25	ppb
Cadmium	106-1	467.45	473.08	459.57	466.70	1.45	ppb
Cadmium	108-1	463.34	470.26	455.91	463.17	1.55	ppb
Calcium	43-1	246481.65	249657.67	247661.13	247933.48	0.65	ppb
Calcium	44-1	246108.93	248607.18	247367.32	247361.14	0.50	ppb
Chromium	52-2	530.14	554.54	531.03	538.57	2.57	ppb
Cobalt	59-2	515.74	546.39	518.87	527.00	3.20	ppb
Copper	63-2	1016.46	1078.40	1018.57	1037.81	3.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	131762.28	139169.09	131835.58	134255.65	3.17	ppb
Iron	57-2	131250.45	138867.30	131831.08	133982.94	3.16	ppb
Lead	206-1	521.66	529.11	520.26	523.68	0.91	ppb
Lead	207-1	511.04	519.60	512.22	514.29	0.90	ppb
Lead	208-1	522.03	528.43	523.73	524.73	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	247643.07	260534.50	247098.52	251758.70	3.02	ppb
Manganese	55-2	1040.70	1098.34	1043.54	1060.86	3.06	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.83	521.98	509.99	514.27	1.30	ppb
Molybdenum	95-1	504.92	516.96	503.17	508.35	1.48	ppb
Molybdenum	96-1	504.20	513.08	503.66	506.98	1.04	ppb
Molybdenum	97-1	505.03	514.25	506.44	508.57	0.98	ppb
Molybdenum	98-1	505.10	515.76	504.57	508.48	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.90	544.96	520.00	526.29	3.13	ppb
Phosphorus	31-2	9876.95	10521.27	10220.46	10206.22	3.16	ppb
Potassium	39-2	126281.27	133016.53	125941.93	128413.24	3.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	508.62	498.69	506.00	504.44	1.02	ppb
Selenium	78-2	497.54	527.17	478.65	501.12	4.88	ppb
Selenium	82-1	478.39	492.48	479.53	483.47	1.62	ppb
Silicon	28-1	557.38	567.99	564.75	563.37	0.97	ppb
Silver	109-1	461.65	465.36	452.57	459.86	1.43	ppb
Silver	107-1	453.99	464.87	450.84	456.56	1.61	ppb
Sodium	23-2	249796.50	261870.27	249796.31	253821.03	2.75	ppb
Strontium	86-1	513.58	521.98	514.23	516.60	0.90	ppb
Strontium	88-1	518.06	522.75	520.92	520.58	0.45	ppb
Sulfur	34-1	10083.47	10143.73	9947.48	10058.23	1.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.49	519.44	514.53	515.15	0.78	ppb
Thallium	205-1	526.05	532.03	526.92	528.33	0.61	ppb
Tin	118-1	482.46	489.91	479.84	484.07	1.08	ppb
Titanium	47-1	505.84	519.19	517.86	514.30	1.43	ppb
Uranium	238-1	530.41	530.11	522.93	527.81	0.80	ppb
Vanadium	51-2	519.79	552.17	522.48	531.48	3.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1012.35	1073.01	1017.52	1034.29	3.25	ppb
Zirconium	90-1	519.32	524.77	517.48	520.52	0.73	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.38	518.48	508.39	512.41	1.04	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.11	-0.92	-1.08	-1.04		ppb
Antimony	121-1	1.26	1.20	1.09	1.19	7.17	ppb
Arsenic	75-2	0.16	0.15	0.25	0.19	30.28	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.02	0.03	0.01	0.02	34.51	ppb
Beryllium	9-1	0.51	0.49	0.30	0.43	27.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.67	22.21	19.28	21.05	7.40	ppb
Boron	11-1	21.65	20.02	19.12	20.26	6.32	ppb
Cadmium	111-1	-0.20	-0.28	-0.33	-0.27		ppb
Cadmium	106-1	-3.25	-4.01	-4.72	-3.99		ppb
Cadmium	108-1	-0.03	0.09	0.09	0.05	149.46	ppb
Calcium	43-1	-1.77	-4.26	-6.15	-4.06		ppb
Calcium	44-1	-6.41	-6.79	-8.14	-7.11		ppb
Chromium	52-2	0.02	-0.01	0.03	0.02	130.37	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	204.85	ppb
Copper	63-2	0.45	0.39	0.39	0.41	9.03	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	3.49	3.88	3.59	3.65	5.62	ppb
Iron	57-2	3.78	2.94	3.73	3.48	13.62	ppb
Lead	206-1	0.04	0.05	0.08	0.06	34.56	ppb
Lead	207-1	0.08	0.09	0.08	0.08	5.15	ppb
Lead	208-1	0.06	0.07	0.08	0.07	7.62	ppb
Lithium	6-1						%
Magnesium	24-2	-15.27	-17.86	-15.30	-16.14		ppb
Manganese	55-2	-0.34	-0.34	-0.30	-0.32		ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.19	0.14	0.19	22.86	ppb
Molybdenum	95-1	0.36	0.34	0.30	0.33	9.09	ppb
Molybdenum	96-1	0.31	0.29	0.34	0.31	8.33	ppb
Molybdenum	97-1	0.37	0.34	0.35	0.36	4.46	ppb
Molybdenum	98-1	0.35	0.36	0.33	0.35	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.35	-0.36	-0.41	-0.38		ppb
Phosphorus	31-2	5.79	-9.71	-18.48	-7.47		ppb
Potassium	39-2	11.15	8.07	10.41	9.88	16.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.71	0.72	2.16	1.20	69.50	ppb
Selenium	78-2	0.35	1.01	0.28	0.55	74.02	ppb
Selenium	82-1	0.90	0.44	0.30	0.55	57.42	ppb
Silicon	28-1	-2.59	-4.31	-4.07	-3.66		ppb
Silver	109-1	0.06	0.06	0.07	0.06	8.71	ppb
Silver	107-1	0.06	0.05	0.05	0.06	12.21	ppb
Sodium	23-2	31.56	33.22	29.64	31.47	5.69	ppb
Strontium	86-1	0.02	0.02	-0.01	0.01	205.05	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-388.36	-373.12	-379.87	-380.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.09	0.06	0.08	19.07	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.33	ppb
Tin	118-1	0.45	0.37	0.43	0.42	10.35	ppb
Titanium	47-1	0.03	-0.04	-0.04	-0.02		ppb
Uranium	238-1	0.02	0.01	0.01	0.01	22.19	ppb
Vanadium	51-2	0.01	0.01	0.03	0.02	72.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.25	0.23	-0.02	0.15	100.71	ppb
Zirconium	90-1	0.15	0.13	0.13	0.14	8.29	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.13	0.14	0.14	2.80	ppb

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	142	142	144	3.33	cps
Antimony	121-1	83	125	58	89	37.89	cps
Arsenic	75-2	13	13	6	10	40.72	cps
Barium	135-1	75	42	67	61	28.38	cps
Barium	137-1	100	67	42	69	42.14	cps
Beryllium	9-1	89	72	94	85	13.58	cps
Bismuth	209-1	7317548	7029373	7192326	7179749	2.01	cps
Bismuth	209-2	4348474	4355442	4409302	4371073	0.76	cps
Boron	10-1	158	200	142	167	18.03	cps
Boron	11-1	775	850	850	825	5.25	cps
Cadmium	111-1	2348	2386	2186	2307	4.60	cps
Cadmium	106-1	3351	3401	3134	3295	4.30	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	375	333	375	361	6.66	cps
Calcium	44-1	8836	8261	8286	8461	3.84	cps
Chromium	52-2	443	410	480	444	7.88	cps
Cobalt	59-2	117	107	97	107	9.37	cps
Copper	63-2	780	723	853	786	8.30	cps
Dysprosium	156-1	58	17	8	28	96.44	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	75	75	33	61	39.37	cps
Erbium	164-2	7	17	33	19	71.30	cps
Gadolinium	160-1	67	83	92	81	15.80	cps
Gadolinium	160-2	67	67	83	72	13.33	cps
Holmium	165-1	10822749	10488353	10587344	10632815	1.62	cps
Holmium	165-2	5446037	5494791	5554313	5498380	0.99	cps
Indium	115-1	8524417	8359604	8361701	8415241	1.12	cps
Indium	115-2	1628309	1646571	1663465	1646115	1.07	cps
Iron	56-2	5796	5479	5735	5670	2.96	cps
Iron	57-2	294	300	283	293	2.90	cps
Lead	206-1	1067	861	1189	1039	15.95	cps
Lead	207-1	845	806	817	822	2.44	cps
Lead	208-1	4034	3539	4228	3934	9.03	cps
Lithium	6-1	1689340	1658574	1681471	1676462	0.95	cps
Magnesium	24-2	4309	3717	4151	4059	7.55	cps
Manganese	55-2	743	683	710	712	4.22	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	300	258	283	7.78	cps
Molybdenum	95-1	50	83	100	78	32.74	cps
Molybdenum	96-1	92	125	125	114	16.90	cps
Molybdenum	97-1	67	83	92	81	15.80	cps
Molybdenum	98-1	133	67	117	106	32.87	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	730	837	860	809	8.57	cps
Phosphorus	31-2	150	83	125	119	28.20	cps
Potassium	39-2	29847	28470	27652	28656	3.87	cps
Rhodium	103-1	7519201	7451970	7476874	7482682	0.45	cps
Rhodium	103-2	3454564	3508098	3513921	3492194	0.94	cps
Scandium	45-1	4876276	4708964	4811564	4798935	1.76	cps
Scandium	45-2	205257	204638	205412	205102	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	65	63	62	4.54	cps
Selenium	82-1	-102	241	-75	22	877.47	cps
Silicon	28-1	300802	297403	300057	299421	0.60	cps
Silver	109-1	8	25	108	47	113.46	cps
Silver	107-1	83	58	117	86	33.98	cps
Sodium	23-2	11505	10654	12055	11405	6.19	cps
Strontium	86-1	1667	1792	1775	1745	3.89	cps
Strontium	88-1	467	475	500	481	3.61	cps
Sulfur	34-1	291957	285546	288458	288653	1.11	cps
Terbium	159-1	11305719	11055218	11130774	11163904	1.15	cps
Terbium	159-2	5394130	5499270	5499146	5464182	1.11	cps
Thallium	203-1	167	100	117	128	27.16	cps
Thallium	205-1	392	350	425	389	9.66	cps
Tin	118-1	1217	1017	1025	1086	10.42	cps
Titanium	47-1	175	125	100	133	28.64	cps
Uranium	238-1	117	133	117	122	7.87	cps
Vanadium	51-2	13	3	13	10	57.75	cps
Yttrium	89-1	8514185	8310924	8334454	8386521	1.33	cps
Yttrium	89-2	1205245	1217756	1219580	1214194	0.64	cps
Zinc	66-2	237	160	203	200	19.22	cps
Zirconium	90-1	633	575	617	608	4.94	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:36:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	108	142	125	13.33	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:44:11	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1492	1592	1503	5.58	cps
Antimony	121-1	16761	17562	17295	17206	2.37	cps
Arsenic	75-2	313	309	257	293	10.59	cps
Barium	135-1	20449	21384	21067	20967	2.27	cps
Barium	137-1	36190	36541	38170	36967	2.86	cps
Beryllium	9-1	1172	1367	1272	1270	7.65	cps
Bismuth	209-1	7139362	7025082	7239129	7134524	1.50	cps
Bismuth	209-2	4297504	4343123	4319107	4319911	0.53	cps
Boron	10-1	3301	3792	3684	3592	7.19	cps
Boron	11-1	16718	17361	17552	17210	2.54	cps
Cadmium	111-1	4349	4072	4163	4195	3.36	cps
Cadmium	106-1	3284	3159	3267	3237	2.10	cps
Cadmium	108-1	125	175	196	165	22.03	cps
Calcium	43-1	10971	11780	11096	11283	3.86	cps
Calcium	44-1	185670	186097	184293	185353	0.51	cps
Chromium	52-2	5171	5304	4884	5120	4.19	cps
Cobalt	59-2	3651	3811	3731	3731	2.14	cps
Copper	63-2	6528	6725	6582	6612	1.54	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	40	37	20	32	33.25	cps
Gadolinium	160-1	50	92	117	86	39.11	cps
Gadolinium	160-2	80	87	37	68	40.05	cps
Holmium	165-1	10581692	10365943	10882181	10609939	2.44	cps
Holmium	165-2	5458820	5530897	5500675	5496798	0.66	cps
Indium	115-1	8345858	8194560	8513457	8351291	1.91	cps
Indium	115-2	1640063	1663530	1648794	1650795	0.72	cps
Iron	56-2	96414	96213	96688	96439	0.25	cps
Iron	57-2	2578	2689	2528	2598	3.17	cps
Lead	206-1	9848	9720	9793	9787	0.66	cps
Lead	207-1	8875	8586	8720	8727	1.66	cps
Lead	208-1	40002	39196	39357	39518	1.08	cps
Lithium	6-1	1691894	1653256	1710280	1685143	1.73	cps
Magnesium	24-2	80441	80173	80214	80276	0.18	cps
Manganese	55-2	1893	1923	2037	1951	3.87	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:44:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15668	15968	15801	15812	0.95	cps
Molybdenum	95-1	19105	19865	19214	19394	2.12	cps
Molybdenum	96-1	20950	21475	21300	21242	1.26	cps
Molybdenum	97-1	12815	12523	12281	12539	2.13	cps
Molybdenum	98-1	30275	31594	30692	30854	2.19	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1787	1777	1887	1817	3.35	cps
Phosphorus	31-2	175	92	192	153	35.07	cps
Potassium	39-2	108428	108622	110912	109321	1.26	cps
Rhodium	103-1	7478338	7353256	7625348	7485647	1.82	cps
Rhodium	103-2	3474499	3511382	3491983	3492621	0.53	cps
Scandium	45-1	4833447	4728869	4900810	4821042	1.80	cps
Scandium	45-2	206187	206602	201959	204916	1.25	cps
Selenium	77-2	27	23	10	20	44.10	cps
Selenium	78-2	163	159	128	150	12.89	cps
Selenium	82-1	553	630	671	618	9.72	cps
Silicon	28-1	341765	340161	338070	339999	0.54	cps
Silver	109-1	12072	12723	12639	12478	2.84	cps
Silver	107-1	13282	12965	12273	12840	4.02	cps
Sodium	23-2	156746	156903	158428	157359	0.59	cps
Strontium	86-1	3901	4034	4451	4129	6.95	cps
Strontium	88-1	24280	24639	24138	24352	1.06	cps
Sulfur	34-1	289690	285845	289377	288304	0.74	cps
Terbium	159-1	11191165	10969031	11411907	11190701	1.98	cps
Terbium	159-2	5445411	5494491	5443687	5461196	0.53	cps
Thallium	203-1	8612	8928	9487	9009	4.92	cps
Thallium	205-1	21410	21735	21017	21387	1.68	cps
Tin	118-1	33600	35211	34167	34326	2.38	cps
Titanium	47-1	5184	5193	5134	5171	0.61	cps
Uranium	238-1	28682	29301	28616	28866	1.31	cps
Vanadium	51-2	8889	8929	9240	9020	2.13	cps
Yttrium	89-1	8324529	8333142	8579582	8412418	1.72	cps
Yttrium	89-2	1212819	1224541	1214884	1217415	0.51	cps
Zinc	66-2	1023	1030	1080	1045	2.97	cps
Zirconium	90-1	13791	13957	14007	13918	0.82	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:44:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3075	3242	2950	3089	4.74	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73096	72359	72886	72780	0.52	cps
Antimony	121-1	453407	460390	461366	458388	0.95	cps
Arsenic	75-2	14220	14116	14344	14227	0.80	cps
Barium	135-1	587116	595511	588720	590449	0.75	cps
Barium	137-1	1027764	1037474	1031316	1032185	0.48	cps
Beryllium	9-1	69397	69582	70257	69745	0.65	cps
Bismuth	209-1	6902464	7055011	7158051	7038509	1.83	cps
Bismuth	209-2	4420987	4313713	4283360	4339353	1.67	cps
Boron	10-1	7811	8228	8061	8033	2.61	cps
Boron	11-1	38358	39653	38584	38865	1.78	cps
Cadmium	111-1	111615	111657	110899	111390	0.38	cps
Cadmium	106-1	14333	15184	14625	14714	2.94	cps
Cadmium	108-1	7886	7957	7982	7941	0.63	cps
Calcium	43-1	126294	126252	124377	125641	0.87	cps
Calcium	44-1	2046050	2030017	2041720	2039262	0.41	cps
Chromium	52-2	118273	120585	120047	119635	1.01	cps
Cobalt	59-2	199547	197607	198901	198685	0.50	cps
Copper	63-2	282777	286147	282666	283863	0.70	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	58	42	8	36	70.51	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	58	92	125	92	36.36	cps
Gadolinium	160-2	130	80	127	112	24.91	cps
Holmium	165-1	10483150	10580389	10683272	10582270	0.95	cps
Holmium	165-2	5629766	5443522	5487789	5520359	1.76	cps
Indium	115-1	8166174	8247065	8282450	8231896	0.72	cps
Indium	115-2	1661259	1615182	1618675	1631705	1.57	cps
Iron	56-2	5068349	5078265	5084400	5077005	0.16	cps
Iron	57-2	122323	124360	123822	123502	0.85	cps
Lead	206-1	384224	386111	382687	384340	0.45	cps
Lead	207-1	350766	351274	353306	351782	0.38	cps
Lead	208-1	1564786	1565720	1567102	1565869	0.07	cps
Lithium	6-1	1671290	1681041	1696097	1682809	0.74	cps
Magnesium	24-2	866417	856536	857199	860051	0.64	cps
Manganese	55-2	135990	138777	138373	137713	1.09	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383858	386631	385872	385454	0.37	cps
Molybdenum	95-1	217211	217940	219159	218103	0.45	cps
Molybdenum	96-1	274537	273245	275172	274318	0.36	cps
Molybdenum	97-1	133881	132427	133335	133214	0.55	cps
Molybdenum	98-1	351117	346090	349235	348814	0.73	cps
Neodymium	150-1	53	60	60	58	6.65	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	53146	53577	53213	53312	0.44	cps
Phosphorus	31-2	4134	4342	3917	4131	5.15	cps
Potassium	39-2	464010	464543	463178	463910	0.15	cps
Rhodium	103-1	7249024	7281737	7370288	7300350	0.86	cps
Rhodium	103-2	3497204	3385919	3410970	3431364	1.70	cps
Scandium	45-1	4698051	4746888	4809911	4751617	1.18	cps
Scandium	45-2	208071	199530	198854	202152	2.54	cps
Selenium	77-2	277	327	347	317	11.39	cps
Selenium	78-2	1011	1022	1089	1041	4.04	cps
Selenium	82-1	6579	6598	6506	6561	0.74	cps
Silicon	28-1	556864	558046	556262	557058	0.16	cps
Silver	109-1	521168	523548	525763	523493	0.44	cps
Silver	107-1	547883	545556	547852	547097	0.24	cps
Sodium	23-2	1597706	1604111	1602086	1601301	0.20	cps
Strontium	86-1	145546	143847	144765	144719	0.59	cps
Strontium	88-1	1252647	1254024	1255543	1254072	0.12	cps
Sulfur	34-1	317612	316420	313442	315825	0.68	cps
Terbium	159-1	10937439	11034493	11289632	11087188	1.64	cps
Terbium	159-2	5547716	5391847	5418319	5452628	1.53	cps
Thallium	203-1	473296	469634	477488	473473	0.83	cps
Thallium	205-1	1129570	1128147	1132631	1130116	0.20	cps
Tin	118-1	375844	373559	376931	375445	0.46	cps
Titanium	47-1	57755	58818	57137	57903	1.47	cps
Uranium	238-1	1589901	1578818	1596503	1588407	0.56	cps
Vanadium	51-2	99304	98898	99912	99371	0.51	cps
Yttrium	89-1	8167515	8308376	8382526	8286139	1.32	cps
Yttrium	89-2	1226733	1187512	1196754	1203666	1.70	cps
Zinc	66-2	39406	40028	39951	39795	0.85	cps
Zirconium	90-1	710788	718031	716505	715108	0.53	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:47:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	159041	161580	158316	159646	1.07	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 11:51:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177929	181294	177543	178922	1.15	cps
Antimony	121-1	1146420	1148584	1156949	1150651	0.48	cps
Arsenic	75-2	35564	35449	35436	35483	0.20	cps
Barium	135-1	1477663	1472387	1470462	1473504	0.25	cps
Barium	137-1	2563445	2569843	2578104	2570464	0.29	cps
Beryllium	9-1	173906	173090	172102	173033	0.52	cps
Bismuth	209-1	7408754	7119915	7009818	7179496	2.87	cps
Bismuth	209-2	4209204	4266516	4273178	4249633	0.83	cps
Boron	10-1	18462	19313	20373	19383	4.94	cps
Boron	11-1	94963	95308	97119	95797	1.21	cps
Cadmium	111-1	274714	272176	275431	274107	0.62	cps
Cadmium	106-1	32163	30751	31402	31439	2.25	cps
Cadmium	108-1	19568	19647	20115	19777	1.49	cps
Calcium	43-1	315914	310932	311397	312748	0.88	cps
Calcium	44-1	5032330	4983989	5011665	5009328	0.48	cps
Chromium	52-2	294550	297270	296205	296008	0.46	cps
Cobalt	59-2	488224	489662	491178	489688	0.30	cps
Copper	63-2	701530	699170	702627	701109	0.25	cps
Dysprosium	156-1	42	50	25	39	32.73	cps
Dysprosium	156-2	23	10	23	19	40.75	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	103	77	80	87	16.77	cps
Holmium	165-1	11126282	10753756	10583052	10821030	2.57	cps
Holmium	165-2	5393286	5497112	5470782	5453727	0.99	cps
Indium	115-1	8634947	8268826	8219908	8374560	2.71	cps
Indium	115-2	1595966	1611305	1623361	1610211	0.85	cps
Iron	56-2	12373810	12278960	12335148	12329306	0.39	cps
Iron	57-2	307489	308244	305253	306995	0.51	cps
Lead	206-1	953359	953586	955273	954073	0.11	cps
Lead	207-1	872396	866088	868250	868911	0.37	cps
Lead	208-1	3889028	3894406	3890444	3891292	0.07	cps
Lithium	6-1	1753922	1699796	1684199	1712639	2.14	cps
Magnesium	24-2	2119098	2130546	2128696	2126113	0.29	cps
Manganese	55-2	341064	342217	340926	341403	0.21	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:51:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	971421	969836	960517	967258	0.61	cps
Molybdenum	95-1	538918	545469	540511	541633	0.63	cps
Molybdenum	96-1	682183	687207	684936	684775	0.37	cps
Molybdenum	97-1	337486	336155	339063	337568	0.43	cps
Molybdenum	98-1	867582	862716	868041	866113	0.34	cps
Neodymium	150-1	113	127	80	107	22.54	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	130148	130592	129418	130053	0.46	cps
Phosphorus	31-2	9745	9512	9437	9565	1.68	cps
Potassium	39-2	1114018	1113254	1111824	1113032	0.10	cps
Rhodium	103-1	7636507	7347860	7174631	7386333	3.16	cps
Rhodium	103-2	3353524	3398849	3413218	3388530	0.92	cps
Scandium	45-1	5032409	4858208	4776841	4889153	2.67	cps
Scandium	45-2	195635	200405	198639	198227	1.22	cps
Selenium	77-2	773	773	777	774	0.25	cps
Selenium	78-2	2563	2589	2556	2569	0.68	cps
Selenium	82-1	16428	16533	16251	16404	0.87	cps
Silicon	28-1	942612	945616	954197	947475	0.63	cps
Silver	109-1	1302796	1295631	1298634	1299020	0.28	cps
Silver	107-1	1351502	1342835	1340300	1344879	0.44	cps
Sodium	23-2	3989266	4013121	4013992	4005460	0.35	cps
Strontium	86-1	359629	357396	359162	358729	0.33	cps
Strontium	88-1	3127535	3143756	3147619	3139636	0.34	cps
Sulfur	34-1	363027	358190	355442	358886	1.07	cps
Terbium	159-1	11574266	11162343	10984737	11240449	2.69	cps
Terbium	159-2	5374096	5488033	5437867	5433332	1.05	cps
Thallium	203-1	1173158	1170844	1176808	1173603	0.26	cps
Thallium	205-1	2823672	2820497	2844827	2829665	0.47	cps
Tin	118-1	935742	931077	933487	933435	0.25	cps
Titanium	47-1	143929	141768	143701	143133	0.83	cps
Uranium	238-1	4006240	3995611	4022152	4008001	0.33	cps
Vanadium	51-2	248488	246446	245871	246935	0.56	cps
Yttrium	89-1	8705192	8401460	8321757	8476136	2.39	cps
Yttrium	89-2	1190322	1197406	1207622	1198450	0.73	cps
Zinc	66-2	96935	97097	98737	97590	1.02	cps
Zirconium	90-1	1799079	1789391	1800824	1796431	0.34	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:51:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	403265	397846	402699	401270	0.74	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353894	356583	355088	355188	0.38	cps
Antimony	121-1	2322568	2346254	2344439	2337753	0.56	cps
Arsenic	75-2	71510	71549	71184	71414	0.28	cps
Barium	135-1	2961224	2974025	2970057	2968435	0.22	cps
Barium	137-1	5207771	5209986	5210270	5209343	0.03	cps
Beryllium	9-1	342092	341518	343570	342393	0.31	cps
Bismuth	209-1	7161023	6829300	7019425	7003249	2.38	cps
Bismuth	209-2	4177807	4191323	4278756	4215962	1.30	cps
Boron	10-1	38542	38592	39795	38976	1.82	cps
Boron	11-1	190788	192474	196715	193325	1.58	cps
Cadmium	111-1	536700	547952	541264	541972	1.04	cps
Cadmium	106-1	60178	61343	59275	60265	1.72	cps
Cadmium	108-1	40119	39171	38828	39373	1.70	cps
Calcium	43-1	619754	630259	626201	625405	0.85	cps
Calcium	44-1	9960210	9994231	10066653	10007031	0.54	cps
Chromium	52-2	587954	593389	590996	590780	0.46	cps
Cobalt	59-2	970212	970852	974224	971763	0.22	cps
Copper	63-2	1384343	1391396	1393107	1389615	0.33	cps
Dysprosium	156-1	83	50	42	58	37.80	cps
Dysprosium	156-2	33	23	23	27	21.65	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	20	17	27	21	24.12	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	133	100	73	102	29.41	cps
Holmium	165-1	10671543	10653684	10705766	10676998	0.25	cps
Holmium	165-2	5438998	5490613	5504982	5478198	0.63	cps
Indium	115-1	8199333	8100102	8174763	8158066	0.63	cps
Indium	115-2	1596694	1599696	1613626	1603339	0.56	cps
Iron	56-2	24543512	24462105	24359612	24455076	0.38	cps
Iron	57-2	608098	611995	611149	610414	0.34	cps
Lead	206-1	1890552	1905612	1897272	1897812	0.40	cps
Lead	207-1	1712223	1735714	1732242	1726726	0.73	cps
Lead	208-1	7757391	7817565	7821260	7798739	0.46	cps
Lithium	6-1	1671392	1661721	1676645	1669919	0.45	cps
Magnesium	24-2	4236464	4265408	4276596	4259489	0.49	cps
Manganese	55-2	680816	683151	680231	681399	0.23	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1966425	1942632	1959111	1956056	0.62	cps
Molybdenum	95-1	1092218	1091415	1093788	1092474	0.11	cps
Molybdenum	96-1	1380644	1383545	1391787	1385325	0.42	cps
Molybdenum	97-1	674204	678171	679921	677432	0.43	cps
Molybdenum	98-1	1759464	1762122	1756312	1759299	0.17	cps
Neodymium	150-1	213	187	227	209	9.75	cps
Neodymium	150-2	23	37	7	22	67.63	cps
Nickel	60-2	256344	255896	257277	256506	0.27	cps
Phosphorus	31-2	19355	19764	18996	19372	1.98	cps
Potassium	39-2	2185023	2194358	2199106	2192829	0.33	cps
Rhodium	103-1	7189570	7139429	7283469	7204156	1.01	cps
Rhodium	103-2	3341506	3346133	3390546	3359395	0.81	cps
Scandium	45-1	4745603	4666423	4736200	4716075	0.92	cps
Scandium	45-2	199723	199192	202281	200399	0.82	cps
Selenium	77-2	1430	1543	1523	1499	4.04	cps
Selenium	78-2	5018	4975	5090	5027	1.15	cps
Selenium	82-1	32955	32649	32626	32743	0.56	cps
Silicon	28-1	1600675	1600585	1608842	1603367	0.30	cps
Silver	109-1	2557470	2584329	2591553	2577784	0.70	cps
Silver	107-1	2704929	2688203	2688206	2693779	0.36	cps
Sodium	23-2	7728473	7763744	7826731	7772983	0.64	cps
Strontium	86-1	718927	715943	721595	718822	0.39	cps
Strontium	88-1	6246865	6213420	6283863	6248049	0.56	cps
Sulfur	34-1	441337	442026	440808	441390	0.14	cps
Terbium	159-1	11052971	10915809	11155848	11041542	1.09	cps
Terbium	159-2	5403180	5440090	5485783	5443018	0.76	cps
Thallium	203-1	2326606	2332382	2351814	2336934	0.57	cps
Thallium	205-1	5677677	5708809	5719086	5701857	0.38	cps
Tin	118-1	1867501	1883011	1876057	1875523	0.41	cps
Titanium	47-1	288255	288263	286997	287839	0.25	cps
Uranium	238-1	7804998	7931529	7968999	7901842	1.09	cps
Vanadium	51-2	494785	493044	494211	494013	0.18	cps
Yttrium	89-1	8348600	8171643	8332371	8284204	1.18	cps
Yttrium	89-2	1197641	1200733	1206524	1201633	0.38	cps
Zinc	66-2	192440	193000	192250	192563	0.20	cps
Zirconium	90-1	3643877	3637929	3648477	3643428	0.15	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:55:28	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	807555	805666	808933	807385	0.20	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	706308	706701	706653	706554	0.03	cps
Antimony	121-1	4633879	4679000	4708998	4673959	0.81	cps
Arsenic	75-2	141222	143094	142761	142359	0.70	cps
Barium	135-1	5919240	5938604	5942223	5933356	0.21	cps
Barium	137-1	10172309	10239515	10200390	10204072	0.33	cps
Beryllium	9-1	671615	671861	670141	671206	0.14	cps
Bismuth	209-1	6933643	6874432	7048701	6952259	1.27	cps
Bismuth	209-2	4129979	4138300	4140241	4136173	0.13	cps
Boron	10-1	75999	78310	77096	77135	1.50	cps
Boron	11-1	374654	382603	383309	380189	1.26	cps
Cadmium	111-1	1069072	1073966	1078561	1073866	0.44	cps
Cadmium	106-1	116072	117576	116861	116837	0.64	cps
Cadmium	108-1	76493	76174	76978	76548	0.53	cps
Calcium	43-1	1242980	1246357	1241517	1243618	0.20	cps
Calcium	44-1	19866536	19855689	19850402	19857542	0.04	cps
Chromium	52-2	1176615	1179528	1179798	1178647	0.15	cps
Cobalt	59-2	1919564	1931392	1939943	1930299	0.53	cps
Copper	63-2	2730078	2744914	2750497	2741830	0.38	cps
Dysprosium	156-1	67	175	100	114	48.72	cps
Dysprosium	156-2	70	57	60	62	11.15	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	40	27	37	34	20.14	cps
Gadolinium	160-1	150	75	108	111	33.82	cps
Gadolinium	160-2	67	100	90	86	19.99	cps
Holmium	165-1	10578825	10587109	10392792	10519575	1.04	cps
Holmium	165-2	5420518	5426389	5462586	5436498	0.42	cps
Indium	115-1	8054115	8061117	8014562	8043265	0.31	cps
Indium	115-2	1575364	1569079	1576889	1573777	0.26	cps
Iron	56-2	48899361	48675912	48916955	48830743	0.28	cps
Iron	57-2	1214429	1220519	1222374	1219107	0.34	cps
Lead	206-1	3748736	3788656	3779907	3772433	0.56	cps
Lead	207-1	3428936	3471335	3453854	3451375	0.62	cps
Lead	208-1	15330295	15565817	15550356	15482156	0.85	cps
Lithium	6-1	1654727	1642343	1643128	1646733	0.42	cps
Magnesium	24-2	8320543	8364667	8276049	8320420	0.53	cps
Manganese	55-2	1356203	1365894	1363558	1361885	0.37	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3882466	3942837	3912525	3912609	0.77	cps
Molybdenum	95-1	2154381	2182935	2172214	2169843	0.66	cps
Molybdenum	96-1	2739090	2761750	2747588	2749476	0.42	cps
Molybdenum	97-1	1333950	1352186	1341644	1342593	0.68	cps
Molybdenum	98-1	3493531	3517569	3497924	3503008	0.37	cps
Neodymium	150-1	593	453	467	504	15.32	cps
Neodymium	150-2	47	40	70	52	30.16	cps
Nickel	60-2	499735	505017	504584	503112	0.58	cps
Phosphorus	31-2	37173	38300	38526	38000	1.91	cps
Potassium	39-2	4388599	4413399	4419212	4407070	0.37	cps
Rhodium	103-1	7092343	7089779	6986505	7056209	0.86	cps
Rhodium	103-2	3302002	3287330	3303146	3297493	0.27	cps
Scandium	45-1	4767774	4768893	4605014	4713894	2.00	cps
Scandium	45-2	200337	200533	199088	199986	0.39	cps
Selenium	77-2	2774	2840	3074	2896	5.44	cps
Selenium	78-2	9887	9527	9779	9731	1.90	cps
Selenium	82-1	65305	64818	65390	65171	0.47	cps
Silicon	28-1	2890799	2915765	2918579	2908381	0.53	cps
Silver	109-1	5074373	5105256	5166104	5115244	0.91	cps
Silver	107-1	5319375	5340886	5319720	5326660	0.23	cps
Sodium	23-2	15421247	15415238	15549589	15462025	0.49	cps
Strontium	86-1	1417269	1423677	1426611	1422519	0.34	cps
Strontium	88-1	12456754	12296218	12410447	12387806	0.67	cps
Sulfur	34-1	614023	615162	613567	614250	0.13	cps
Terbium	159-1	11065581	11158383	10902178	11042047	1.17	cps
Terbium	159-2	5407317	5391591	5428135	5409014	0.34	cps
Thallium	203-1	4655990	4698039	4654002	4669344	0.53	cps
Thallium	205-1	10948438	11062068	10950939	10987148	0.59	cps
Tin	118-1	3699607	3745274	3762579	3735820	0.87	cps
Titanium	47-1	575407	569430	580071	574969	0.93	cps
Uranium	238-1	15859921	15787046	15650868	15765945	0.67	cps
Vanadium	51-2	990282	991403	990347	990677	0.06	cps
Yttrium	89-1	8323984	8180272	8198224	8234160	0.95	cps
Yttrium	89-2	1197422	1194656	1192421	1194833	0.21	cps
Zinc	66-2	375465	379915	380725	378701	0.75	cps
Zirconium	90-1	7195664	7179803	7287635	7221034	0.81	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 11:59:07	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1598317	1599656	1599156	1599043	0.04	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1424303	1429397	1421151	1424950	0.29	cps
Antimony	121-1	9367107	9292198	9368908	9342738	0.47	cps
Arsenic	75-2	283511	285826	284475	284604	0.41	cps
Barium	135-1	11689317	11657012	11669732	11672021	0.14	cps
Barium	137-1	20097185	20324674	20246610	20222823	0.57	cps
Beryllium	9-1	1313578	1321709	1312280	1315856	0.39	cps
Bismuth	209-1	6778609	6820512	6761209	6786777	0.45	cps
Bismuth	209-2	4060210	4097222	4057636	4071689	0.54	cps
Boron	10-1	150382	154404	154034	152940	1.45	cps
Boron	11-1	751448	766586	762224	760086	1.03	cps
Cadmium	111-1	2082359	2077057	2069406	2076274	0.31	cps
Cadmium	106-1	220501	225418	220863	222261	1.23	cps
Cadmium	108-1	148215	146699	150902	148605	1.43	cps
Calcium	43-1	2492545	2499217	2505053	2498939	0.25	cps
Calcium	44-1	39640307	39901269	39838804	39793460	0.34	cps
Chromium	52-2	2361145	2372427	2369742	2367772	0.25	cps
Cobalt	59-2	3833464	3869144	3864543	3855717	0.50	cps
Copper	63-2	5420974	5451370	5435440	5435928	0.28	cps
Dysprosium	156-1	175	217	183	192	11.50	cps
Dysprosium	156-2	80	107	73	87	20.36	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	87	100	113	100	13.33	cps
Holmium	165-1	10458362	10435261	10482186	10458603	0.22	cps
Holmium	165-2	5448331	5514232	5477802	5480121	0.60	cps
Indium	115-1	7829994	7824704	7821761	7825487	0.05	cps
Indium	115-2	1561877	1563444	1568961	1564761	0.24	cps
Iron	56-2	97359902	97184519	97247219	97263880	0.09	cps
Iron	57-2	2442869	2454181	2442807	2446619	0.27	cps
Lead	206-1	7267421	7276368	7301937	7281908	0.25	cps
Lead	207-1	6715085	6767278	6749379	6743914	0.39	cps
Lead	208-1	29873478	30161293	30042815	30025862	0.48	cps
Lithium	6-1	1603241	1605830	1592651	1600574	0.44	cps
Magnesium	24-2	16594127	16639916	16527685	16587243	0.34	cps
Manganese	55-2	2728750	2736789	2732177	2732572	0.15	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7731858	7749630	7846396	7775961	0.79	cps
Molybdenum	95-1	4345058	4396315	4374567	4371980	0.59	cps
Molybdenum	96-1	5557263	5583733	5573789	5571595	0.24	cps
Molybdenum	97-1	2687098	2702008	2711598	2700234	0.46	cps
Molybdenum	98-1	7028224	6980726	6994207	7001052	0.35	cps
Neodymium	150-1	987	1073	987	1016	4.93	cps
Neodymium	150-2	80	93	103	92	12.70	cps
Nickel	60-2	989950	999758	998521	996076	0.54	cps
Phosphorus	31-2	77519	77644	76881	77348	0.53	cps
Potassium	39-2	8785509	8748248	8760804	8764854	0.22	cps
Rhodium	103-1	6877173	6883974	6938550	6899899	0.49	cps
Rhodium	103-2	3254303	3274224	3271572	3266700	0.33	cps
Scandium	45-1	4714504	4733035	4735165	4727568	0.24	cps
Scandium	45-2	204476	207024	206964	206155	0.71	cps
Selenium	77-2	5378	5638	5601	5539	2.54	cps
Selenium	78-2	19350	18914	19254	19173	1.19	cps
Selenium	82-1	125821	126566	127121	126503	0.52	cps
Silicon	28-1	4593434	4640970	4636127	4623510	0.57	cps
Silver	109-1	9988447	10062369	9986835	10012550	0.43	cps
Silver	107-1	10372331	10513866	10450030	10445409	0.68	cps
Sodium	23-2	31262636	31202461	30974151	31146416	0.49	cps
Strontium	86-1	2840627	2848299	2880894	2856607	0.75	cps
Strontium	88-1	24631698	24767151	25091537	24830129	0.95	cps
Sulfur	34-1	965080	961579	960803	962487	0.24	cps
Terbium	159-1	10931538	10953627	10944944	10943370	0.10	cps
Terbium	159-2	5403792	5460949	5421029	5428590	0.54	cps
Thallium	203-1	9195563	9150962	9248831	9198452	0.53	cps
Thallium	205-1	21531071	21445952	21675868	21550964	0.54	cps
Tin	118-1	7349951	7398730	7395443	7381374	0.37	cps
Titanium	47-1	1149898	1145130	1149112	1148047	0.22	cps
Uranium	238-1	31172057	31271053	31248850	31230653	0.17	cps
Vanadium	51-2	2004522	2010068	2016161	2010250	0.29	cps
Yttrium	89-1	8230137	8237017	8306546	8257900	0.51	cps
Yttrium	89-2	1208603	1211314	1211734	1210550	0.14	cps
Zinc	66-2	742593	745491	742063	743382	0.25	cps
Zirconium	90-1	14416984	14497766	14479691	14464814	0.29	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:02:43	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3207338	3233184	3234221	3224914	0.47	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7334902	7504778	7604541	7481407	1.82	cps
Antimony	121-1	32764	31887	31378	32010	2.19	cps
Arsenic	75-2	235	226	239	233	2.86	cps
Barium	135-1	5393	5068	5401	5287	3.60	cps
Barium	137-1	9220	9512	8928	9220	3.17	cps
Beryllium	9-1	1383	1089	1039	1170	15.90	cps
Bismuth	209-1	5941166	5922759	5953276	5939067	0.26	cps
Bismuth	209-2	3572205	3568843	3620395	3587148	0.80	cps
Boron	10-1	8253	7169	6677	7366	10.95	cps
Boron	11-1	39561	36671	34999	37077	6.22	cps
Cadmium	111-1	2572	2494	2328	2465	5.07	cps
Cadmium	106-1	2925	2809	2542	2759	7.12	cps
Cadmium	108-1	54	38	50	47	18.37	cps
Calcium	43-1	12600988	12695586	12634238	12643604	0.38	cps
Calcium	44-1	200424725	201192484	201851838	201156349	0.36	cps
Chromium	52-2	59841	60182	59088	59704	0.94	cps
Cobalt	59-2	6505	6795	6925	6742	3.19	cps
Copper	63-2	11988	11965	12112	12022	0.66	cps
Dysprosium	156-1	175	150	200	175	14.28	cps
Dysprosium	156-2	73	87	57	72	20.81	cps
Erbium	164-1	67	83	92	81	15.80	cps
Erbium	164-2	47	47	27	40	28.87	cps
Gadolinium	160-1	142	200	192	178	17.75	cps
Gadolinium	160-2	103	107	110	107	3.12	cps
Holmium	165-1	9777125	9897392	9761611	9812043	0.76	cps
Holmium	165-2	5116270	5139707	5194536	5150171	0.78	cps
Indium	115-1	7479632	7494151	7426364	7466716	0.48	cps
Indium	115-2	1499860	1509635	1539497	1516331	1.36	cps
Iron	56-2	478225511	482425389	482903122	481184674	0.53	cps
Iron	57-2	12050180	12123678	12178869	12117576	0.53	cps
Lead	206-1	15387	14981	15159	15176	1.34	cps
Lead	207-1	12662	13085	12873	12873	1.64	cps
Lead	208-1	60210	59832	59453	59832	0.63	cps
Lithium	6-1	1518112	1544080	1532892	1531695	0.85	cps
Magnesium	24-2	84894164	86218281	86430814	85847753	0.97	cps
Manganese	55-2	12405	12539	12766	12570	1.45	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13490	13590	13615	13565	0.49	cps
Molybdenum	95-1	20365	19889	20065	20107	1.20	cps
Molybdenum	96-1	27836	28412	27670	27973	1.39	cps
Molybdenum	97-1	12723	11772	12323	12272	3.89	cps
Molybdenum	98-1	31110	31527	31911	31516	1.27	cps
Neodymium	150-1	93	127	140	120	20.03	cps
Neodymium	150-2	33	30	50	38	28.37	cps
Nickel	60-2	16162	15892	15879	15978	1.00	cps
Phosphorus	31-2	183	200	150	178	14.32	cps
Potassium	39-2	44996618	45478903	45542709	45339410	0.66	cps
Rhodium	103-1	6322841	6322877	6379756	6341825	0.52	cps
Rhodium	103-2	2976457	2978763	3019911	2991710	0.82	cps
Scandium	45-1	4618686	4659723	4685249	4654553	0.72	cps
Scandium	45-2	207153	208046	212838	209346	1.46	cps
Selenium	77-2	0	13	7	7	99.98	cps
Selenium	78-2	67	96	93	85	18.95	cps
Selenium	82-1	80	161	190	143	39.59	cps
Silicon	28-1	375912	376917	378553	377127	0.35	cps
Silver	109-1	2050	1750	1692	1831	10.50	cps
Silver	107-1	2192	1842	1784	1939	11.39	cps
Sodium	23-2	159568466	161078766	163062416	161236549	1.09	cps
Strontium	86-1	96766	95650	95550	95989	0.70	cps
Strontium	88-1	820886	817728	819775	819463	0.20	cps
Sulfur	34-1	271115	274569	275689	273791	0.87	cps
Terbium	159-1	10216369	10287777	10356470	10286872	0.68	cps
Terbium	159-2	5066473	5065586	5167335	5099798	1.15	cps
Thallium	203-1	5643	5326	5518	5496	2.90	cps
Thallium	205-1	14375	13649	12298	13441	7.84	cps
Tin	118-1	11680	10880	11288	11283	3.55	cps
Titanium	47-1	1975	2217	2050	2081	5.95	cps
Uranium	238-1	7177	7544	6827	7183	4.99	cps
Vanadium	51-2	1070	1060	1053	1061	0.79	cps
Yttrium	89-1	7892172	7895635	7932471	7906760	0.28	cps
Yttrium	89-2	1180698	1183117	1194324	1186046	0.61	cps
Zinc	66-2	5164	5334	5308	5269	1.74	cps
Zirconium	90-1	5468	4993	5026	5162	5.14	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:06:14	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1283	1208	1200	1231	3.73	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 12:26:06 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36646	36287	36429	36454	0.50	cps
Antimony	121-1	1794131	1819392	1811099	1808207	0.71	cps
Arsenic	75-2	57491	57589	57377	57486	0.18	cps
Barium	135-1	231620	234658	232876	233051	0.66	cps
Barium	137-1	409250	407150	406841	407747	0.32	cps
Beryllium	9-1	133661	134658	135113	134477	0.55	cps
Bismuth	209-1	7051532	7196211	7012344	7086696	1.37	cps
Bismuth	209-2	4304626	4368443	4315064	4329378	0.79	cps
Boron	10-1	82097	82886	84586	83190	1.53	cps
Boron	11-1	413149	412371	417406	414309	0.65	cps
Cadmium	111-1	227732	226320	226661	226904	0.32	cps
Cadmium	106-1	44354	42699	42874	43309	2.10	cps
Cadmium	108-1	22239	22326	21525	22030	1.99	cps
Calcium	43-1	56183	54911	53222	54772	2.71	cps
Calcium	44-1	867194	864207	859697	863699	0.44	cps
Chromium	52-2	237358	236760	236423	236847	0.20	cps
Cobalt	59-2	399130	399239	400070	399480	0.13	cps
Copper	63-2	287304	284603	288163	286690	0.65	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	33	92	69	45.44	cps
Erbium	164-2	33	33	67	44	43.31	cps
Gadolinium	160-1	58	92	67	72	24.02	cps
Gadolinium	160-2	80	110	103	98	16.11	cps
Holmium	165-1	10609886	10542892	10324764	10492514	1.42	cps
Holmium	165-2	5482929	5543724	5504384	5510346	0.56	cps
Indium	115-1	8299748	8388043	8132888	8273560	1.57	cps
Indium	115-2	1631060	1646264	1640326	1639217	0.47	cps
Iron	56-2	2037469	2022546	2040894	2033636	0.48	cps
Iron	57-2	50437	50119	51390	50649	1.31	cps
Lead	206-1	1536196	1545580	1527917	1536564	0.58	cps
Lead	207-1	1347161	1346833	1350332	1348109	0.14	cps
Lead	208-1	6139236	6181947	6153837	6158340	0.35	cps
Lithium	6-1	1654653	1672364	1643147	1656722	0.89	cps
Magnesium	24-2	206374	207254	206918	206849	0.21	cps
Manganese	55-2	140143	138218	138833	139065	0.71	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:26:06	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3937429	3922828	3913620	3924626	0.31	cps
Molybdenum	95-1	2119361	2108429	2103895	2110562	0.38	cps
Molybdenum	96-1	2697318	2683111	2681087	2687172	0.33	cps
Molybdenum	97-1	1302634	1294405	1298492	1298510	0.32	cps
Molybdenum	98-1	3394085	3357002	3385292	3378793	0.57	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	106114	106953	107332	106800	0.58	cps
Phosphorus	31-2	150	117	192	153	24.60	cps
Potassium	39-2	382204	383259	386149	383871	0.53	cps
Rhodium	103-1	7482529	7423152	7407151	7437611	0.53	cps
Rhodium	103-2	3486015	3510742	3501247	3499335	0.36	cps
Scandium	45-1	4945284	4994907	4814643	4918278	1.89	cps
Scandium	45-2	209725	213012	213550	212096	0.98	cps
Selenium	77-2	1073	1163	1163	1133	4.59	cps
Selenium	78-2	4030	3977	4115	4041	1.73	cps
Selenium	82-1	26023	26672	26484	26393	1.26	cps
Silicon	28-1	2808511	2812456	2821233	2814066	0.23	cps
Silver	109-1	1028579	1032592	1041049	1034073	0.62	cps
Silver	107-1	1079005	1073582	1084031	1078873	0.48	cps
Sodium	23-2	651971	657016	651797	653595	0.45	cps
Strontium	86-1	1396271	1394774	1387426	1392824	0.34	cps
Strontium	88-1	12156268	12208769	12087021	12150686	0.50	cps
Sulfur	34-1	281119	283991	279159	281423	0.86	cps
Terbium	159-1	11272557	11203269	10980384	11152070	1.37	cps
Terbium	159-2	5455055	5502780	5457622	5471819	0.49	cps
Thallium	203-1	1921310	1907477	1907634	1912140	0.42	cps
Thallium	205-1	4623413	4655794	4625842	4635016	0.39	cps
Tin	118-1	3611212	3647656	3616671	3625180	0.54	cps
Titanium	47-1	568554	566138	565914	566869	0.26	cps
Uranium	238-1	14914242	15164758	15227697	15102232	1.10	cps
Vanadium	51-2	198858	198504	200302	199221	0.48	cps
Yttrium	89-1	8558634	8539770	8381025	8493143	1.15	cps
Yttrium	89-2	1231031	1233043	1233617	1232564	0.11	cps
Zinc	66-2	80611	78600	79609	79606	1.26	cps
Zirconium	90-1	7413527	7412484	7377529	7401180	0.28	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:26:06	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1640713	1627953	1636996	1635221	0.40	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 12:39:29 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	125	103	20.40	cps
Antimony	121-1	1233	1283	1183	1233	4.05	cps
Arsenic	75-2	11	9	20	14	43.83	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	25	42	100	56	70.89	cps
Beryllium	9-1	178	178	206	187	8.58	cps
Bismuth	209-1	7152552	7134506	7135146	7140734	0.14	cps
Bismuth	209-2	4217705	4119879	4139889	4159158	1.24	cps
Boron	10-1	842	858	692	797	11.51	cps
Boron	11-1	4276	3709	3467	3817	10.87	cps
Cadmium	111-1	1974	1864	1819	1886	4.24	cps
Cadmium	106-1	2825	2650	2575	2684	4.78	cps
Cadmium	108-1	17	0	0	6	173.21	cps
Calcium	43-1	275	283	342	300	12.11	cps
Calcium	44-1	7185	7327	7235	7249	0.99	cps
Chromium	52-2	497	410	443	450	9.71	cps
Cobalt	59-2	90	87	83	87	3.85	cps
Copper	63-2	673	637	757	689	8.93	cps
Dysprosium	156-1	0	33	8	14	124.92	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	10	27	23	20	44.10	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	77	103	87	89	15.16	cps
Holmium	165-1	10499014	10517463	10573794	10530090	0.37	cps
Holmium	165-2	5313867	5263797	5248378	5275347	0.65	cps
Indium	115-1	8178095	8116286	8198756	8164379	0.53	cps
Indium	115-2	1591859	1566246	1561982	1573362	1.03	cps
Iron	56-2	6607	6785	6813	6735	1.66	cps
Iron	57-2	250	300	217	256	16.41	cps
Lead	206-1	1172	1072	1217	1154	6.41	cps
Lead	207-1	945	933	1072	983	7.85	cps
Lead	208-1	4789	4506	4617	4638	3.08	cps
Lithium	6-1	1665538	1661124	1668414	1665025	0.22	cps
Magnesium	24-2	2242	2642	2759	2548	10.64	cps
Manganese	55-2	447	457	393	432	7.88	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:39:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	367	558	456	21.20	cps
Molybdenum	95-1	200	258	250	236	13.36	cps
Molybdenum	96-1	350	333	317	333	5.00	cps
Molybdenum	97-1	175	92	133	133	31.25	cps
Molybdenum	98-1	367	375	408	383	5.75	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	610	760	667	679	11.16	cps
Phosphorus	31-2	133	100	117	117	14.28	cps
Potassium	39-2	29046	28979	28971	28999	0.14	cps
Rhodium	103-1	7297500	7386159	7272685	7318781	0.82	cps
Rhodium	103-2	3371207	3308990	3300166	3326787	1.16	cps
Scandium	45-1	4753776	4746238	4750839	4750284	0.08	cps
Scandium	45-2	197938	194286	194906	195710	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	61	50	51	20.15	cps
Selenium	82-1	-40	-19	-54	-38	-46.61	cps
Silicon	28-1	293707	290954	294888	293183	0.69	cps
Silver	109-1	83	75	150	103	40.00	cps
Silver	107-1	108	167	125	133	22.54	cps
Sodium	23-2	14216	14049	14599	14288	1.98	cps
Strontium	86-1	1550	1709	1817	1692	7.93	cps
Strontium	88-1	392	417	358	389	7.53	cps
Sulfur	34-1	285537	286181	286547	286088	0.18	cps
Terbium	159-1	10891509	11007197	10998099	10965602	0.59	cps
Terbium	159-2	5264070	5198525	5201373	5221323	0.71	cps
Thallium	203-1	167	242	167	192	22.59	cps
Thallium	205-1	550	475	492	506	7.79	cps
Tin	118-1	1709	1742	1792	1747	2.40	cps
Titanium	47-1	117	67	150	111	37.75	cps
Uranium	238-1	75	100	100	92	15.75	cps
Vanadium	51-2	3	20	7	10	88.20	cps
Yttrium	89-1	8253149	8218904	8184999	8219017	0.41	cps
Yttrium	89-2	1175756	1160264	1161789	1165936	0.73	cps
Zinc	66-2	260	243	227	243	6.85	cps
Zirconium	90-1	867	900	908	892	2.47	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:39:29	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	208	217	194	16.23	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 12:42:58 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6495516	6552857	6510105	6519493	0.46	cps
Antimony	121-1	11472	11705	11689	11622	1.12	cps
Arsenic	75-2	102	126	124	117	11.43	cps
Barium	135-1	3409	3392	3542	3448	2.39	cps
Barium	137-1	6018	5685	5710	5804	3.20	cps
Beryllium	9-1	394	506	583	494	19.20	cps
Bismuth	209-1	6817631	6839420	6776902	6811318	0.47	cps
Bismuth	209-2	4000526	3976764	4059520	4012270	1.06	cps
Boron	10-1	783	742	775	767	2.88	cps
Boron	11-1	3759	4167	3559	3828	8.10	cps
Cadmium	111-1	2309	2765	2831	2635	10.80	cps
Cadmium	106-1	2425	2625	2692	2581	5.38	cps
Cadmium	108-1	1633	1521	1433	1529	6.56	cps
Calcium	43-1	2389233	2402468	2411581	2401094	0.47	cps
Calcium	44-1	38211877	38176223	38122698	38170266	0.12	cps
Chromium	52-2	44898	45473	45410	45261	0.70	cps
Cobalt	59-2	4337	4421	4451	4403	1.33	cps
Copper	63-2	21366	21392	21576	21445	0.53	cps
Dysprosium	156-1	58	25	75	53	48.24	cps
Dysprosium	156-2	17	20	17	18	10.81	cps
Erbium	164-1	83	67	58	69	18.33	cps
Erbium	164-2	33	30	33	32	5.97	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	107	100	93	100	6.66	cps
Holmium	165-1	10564298	10555890	10612153	10577447	0.29	cps
Holmium	165-2	5427312	5398410	5534915	5453546	1.32	cps
Indium	115-1	7991864	8030834	8043725	8022141	0.34	cps
Indium	115-2	1572862	1568031	1601950	1580948	1.16	cps
Iron	56-2	186166582	186231338	186186471	186194797	0.02	cps
Iron	57-2	4700646	4723092	4716454	4713397	0.24	cps
Lead	206-1	34490	34267	34891	34549	0.92	cps
Lead	207-1	27702	27724	27535	27653	0.37	cps
Lead	208-1	129892	130847	131538	130759	0.63	cps
Lithium	6-1	1589176	1576297	1579260	1581578	0.43	cps
Magnesium	24-2	15657152	15639060	15530992	15609068	0.44	cps
Manganese	55-2	11048	10637	10881	10855	1.90	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:42:58	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4703211	4690684	4721801	4705232	0.33	cps
Molybdenum	95-1	8294844	8256301	8394518	8315221	0.86	cps
Molybdenum	96-1	8786168	8757686	8841237	8795030	0.48	cps
Molybdenum	97-1	5112454	5151169	5140356	5134660	0.39	cps
Molybdenum	98-1	13177549	13400690	13249152	13275797	0.86	cps
Neodymium	150-1	60	27	13	33	72.11	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	5554	5638	5975	5722	3.89	cps
Phosphorus	31-2	364538	368064	366526	366376	0.48	cps
Potassium	39-2	16716061	16692567	16890036	16766221	0.64	cps
Rhodium	103-1	6776120	6962010	6963099	6900410	1.56	cps
Rhodium	103-2	3241140	3215437	3269055	3241877	0.83	cps
Scandium	45-1	4769480	4770939	4766928	4769115	0.04	cps
Scandium	45-2	202624	200601	204568	202598	0.98	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	57	43	83	61	33.74	cps
Selenium	82-1	115	28	64	69	63.72	cps
Silicon	28-1	413062	415845	416232	415046	0.42	cps
Silver	109-1	750	1033	1208	997	23.19	cps
Silver	107-1	825	908	1050	928	12.26	cps
Sodium	23-2	29366258	29708017	29670459	29581578	0.63	cps
Strontium	86-1	93981	95609	97178	95589	1.67	cps
Strontium	88-1	816695	814567	822212	817825	0.48	cps
Sulfur	34-1	3638675	3655210	3663041	3652309	0.34	cps
Terbium	159-1	10890903	11008600	11055966	10985156	0.77	cps
Terbium	159-2	5381837	5346188	5443279	5390435	0.91	cps
Thallium	203-1	725	783	750	753	3.89	cps
Thallium	205-1	1650	1767	1692	1703	3.47	cps
Tin	118-1	3467	3667	3259	3464	5.90	cps
Titanium	47-1	2220032	2204369	2230184	2218195	0.59	cps
Uranium	238-1	600	700	608	636	8.72	cps
Vanadium	51-2	367	303	337	336	9.44	cps
Yttrium	89-1	8261354	8189128	8316315	8255599	0.77	cps
Yttrium	89-2	1206847	1199477	1225712	1210679	1.12	cps
Zinc	66-2	4631	4471	4481	4527	1.98	cps
Zirconium	90-1	5785	5151	5360	5432	5.94	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:42:58	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	1192	1158	1133	6.54	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6732861	6695421	6739452	6722578	0.35	cps
Antimony	121-1	187419	185857	187250	186842	0.46	cps
Arsenic	75-2	5766	5781	5646	5731	1.29	cps
Barium	135-1	49096	50869	50032	49999	1.77	cps
Barium	137-1	85472	87986	87123	86860	1.47	cps
Beryllium	9-1	25539	26056	25928	25841	1.04	cps
Bismuth	209-1	6764331	6545706	6681755	6663931	1.66	cps
Bismuth	209-2	4067079	3970525	4024475	4020693	1.20	cps
Boron	10-1	8670	8344	8453	8489	1.95	cps
Boron	11-1	43188	42603	42594	42795	0.79	cps
Cadmium	111-1	43119	43835	42735	43230	1.29	cps
Cadmium	106-1	7944	8228	8545	8239	3.65	cps
Cadmium	108-1	4943	5159	4993	5032	2.26	cps
Calcium	43-1	2448725	2460100	2460143	2456323	0.27	cps
Calcium	44-1	38598630	38894049	38893158	38795279	0.44	cps
Chromium	52-2	93390	92940	94366	93565	0.78	cps
Cobalt	59-2	81706	81170	82865	81914	1.06	cps
Copper	63-2	76679	76592	76857	76710	0.18	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	50	100	92	81	33.26	cps
Erbium	164-2	23	27	33	28	18.33	cps
Gadolinium	160-1	142	133	92	122	21.92	cps
Gadolinium	160-2	67	73	100	80	22.05	cps
Holmium	165-1	10743841	10213937	10655429	10537736	2.69	cps
Holmium	165-2	5550474	5429071	5502556	5494034	1.11	cps
Indium	115-1	8157441	7729821	8135397	8007553	3.01	cps
Indium	115-2	1616605	1591982	1602278	1603621	0.77	cps
Iron	56-2	190783715	190126654	192051154	190987175	0.51	cps
Iron	57-2	4828759	4849341	4887466	4855189	0.61	cps
Lead	206-1	181363	179894	179376	180211	0.57	cps
Lead	207-1	150502	151835	151048	151128	0.44	cps
Lead	208-1	700555	699942	697863	699453	0.20	cps
Lithium	6-1	1546362	1507848	1563092	1539101	1.84	cps
Magnesium	24-2	16020873	16006660	16057615	16028383	0.16	cps
Manganese	55-2	38667	38865	38811	38781	0.26	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5173557	5246866	5190384	5203603	0.74	cps
Molybdenum	95-1	8667279	8741075	8639084	8682480	0.61	cps
Molybdenum	96-1	9264594	9355086	9204000	9274560	0.82	cps
Molybdenum	97-1	5335819	5383339	5359419	5359526	0.44	cps
Molybdenum	98-1	13730258	13736225	13696717	13721067	0.16	cps
Neodymium	150-1	20	67	27	38	66.81	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	25860	25706	25696	25754	0.36	cps
Phosphorus	31-2	375554	377465	377614	376877	0.30	cps
Potassium	39-2	17306567	17308487	17550568	17388540	0.81	cps
Rhodium	103-1	6936769	6725331	7055190	6905763	2.42	cps
Rhodium	103-2	3316444	3258183	3264294	3279640	0.98	cps
Scandium	45-1	4878976	4607215	4870013	4785401	3.23	cps
Scandium	45-2	209917	206741	206329	207662	0.95	cps
Selenium	77-2	117	117	93	109	12.37	cps
Selenium	78-2	411	435	457	435	5.33	cps
Selenium	82-1	2500	2351	2483	2445	3.34	cps
Silicon	28-1	690865	699140	694273	694759	0.60	cps
Silver	109-1	184590	190101	185469	186720	1.59	cps
Silver	107-1	195017	194588	195118	194908	0.14	cps
Sodium	23-2	30195009	30396883	30620990	30404294	0.70	cps
Strontium	86-1	238524	242467	241589	240860	0.86	cps
Strontium	88-1	2093514	2094693	2097009	2095072	0.08	cps
Sulfur	34-1	3699639	3725392	3713994	3713009	0.35	cps
Terbium	159-1	11000769	10700014	11125175	10941986	2.00	cps
Terbium	159-2	5479495	5392015	5427572	5433027	0.81	cps
Thallium	203-1	180431	182434	180887	181251	0.58	cps
Thallium	205-1	427243	436188	435294	432908	1.14	cps
Tin	118-1	369413	375834	369546	371598	0.99	cps
Titanium	47-1	2322209	2321489	2324004	2322567	0.06	cps
Uranium	238-1	1535154	1536942	1532161	1534752	0.16	cps
Vanadium	51-2	39703	39914	40181	39933	0.60	cps
Yttrium	89-1	8311114	8132583	8433062	8292253	1.82	cps
Yttrium	89-2	1252109	1225243	1228642	1235331	1.18	cps
Zinc	66-2	12245	12442	12449	12379	0.93	cps
Zirconium	90-1	761979	772602	767797	767459	0.69	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:46:25	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	168337	170957	171449	170248	0.98	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	686065	683361	694239	687888	0.82	cps
Antimony	121-1	2367	2392	2450	2403	1.78	cps
Arsenic	75-2	65	69	57	64	8.90	cps
Barium	135-1	450	417	333	400	15.02	cps
Barium	137-1	683	592	725	667	10.23	cps
Beryllium	9-1	200	206	172	193	9.27	cps
Bismuth	209-1	7105988	6882913	7117259	7035386	1.88	cps
Bismuth	209-2	4258096	4279957	4288632	4275562	0.37	cps
Boron	10-1	625	608	642	625	2.67	cps
Boron	11-1	3326	3167	2725	3073	10.12	cps
Cadmium	111-1	2013	2100	1993	2035	2.80	cps
Cadmium	106-1	2692	2884	2767	2781	3.47	cps
Cadmium	108-1	233	229	283	249	12.12	cps
Calcium	43-1	250723	249858	248342	249641	0.48	cps
Calcium	44-1	4026799	4043273	4044879	4038317	0.25	cps
Chromium	52-2	5358	5234	5178	5257	1.75	cps
Cobalt	59-2	853	877	963	898	6.46	cps
Copper	63-2	4494	4384	4407	4429	1.31	cps
Dysprosium	156-1	25	33	50	36	35.25	cps
Dysprosium	156-2	10	37	20	22	60.63	cps
Erbium	164-1	75	100	83	86	14.79	cps
Erbium	164-2	33	27	30	30	11.10	cps
Gadolinium	160-1	133	92	92	106	22.79	cps
Gadolinium	160-2	100	120	113	111	9.17	cps
Holmium	165-1	10806937	10315018	10689142	10603699	2.42	cps
Holmium	165-2	5556820	5573153	5585918	5571964	0.26	cps
Indium	115-1	8400299	8255879	8369324	8341834	0.91	cps
Indium	115-2	1649242	1669986	1674130	1664453	0.80	cps
Iron	56-2	19794805	19790240	19806984	19797343	0.04	cps
Iron	57-2	489792	494060	493051	492301	0.45	cps
Lead	206-1	6279	6152	5846	6092	3.66	cps
Lead	207-1	4757	5168	5285	5070	5.47	cps
Lead	208-1	23726	24004	23526	23752	1.01	cps
Lithium	6-1	1598223	1581677	1598202	1592701	0.60	cps
Magnesium	24-2	1654455	1658141	1669361	1660652	0.47	cps
Manganese	55-2	113981	113923	115398	114434	0.73	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	503561	505032	509962	506185	0.66	cps
Molybdenum	95-1	834316	840953	844838	840036	0.63	cps
Molybdenum	96-1	896828	902934	898613	899458	0.35	cps
Molybdenum	97-1	521581	518059	522363	520668	0.44	cps
Molybdenum	98-1	1346591	1347586	1346243	1346806	0.05	cps
Neodymium	150-1	53	67	53	58	13.32	cps
Neodymium	150-2	10	33	10	18	75.77	cps
Nickel	60-2	1563	1590	1587	1580	0.92	cps
Phosphorus	31-2	38167	38116	38668	38317	0.80	cps
Potassium	39-2	1802583	1814885	1825290	1814253	0.63	cps
Rhodium	103-1	7442981	7318192	7419597	7393590	0.90	cps
Rhodium	103-2	3459335	3481586	3480886	3473936	0.36	cps
Scandium	45-1	4975977	4812048	4868907	4885644	1.70	cps
Scandium	45-2	209121	210766	210963	210283	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	76	78	56	70	17.67	cps
Selenium	82-1	95	-110	-33	-16	-649.92	cps
Silicon	28-1	317207	318683	315404	317098	0.52	cps
Silver	109-1	700	683	692	692	1.20	cps
Silver	107-1	858	725	825	803	8.64	cps
Sodium	23-2	3186030	3206735	3201341	3198035	0.34	cps
Strontium	86-1	12281	11747	11322	11783	4.08	cps
Strontium	88-1	85890	85597	84122	85203	1.11	cps
Sulfur	34-1	617645	614978	614098	615574	0.30	cps
Terbium	159-1	11335181	11005559	11306674	11215805	1.63	cps
Terbium	159-2	5495629	5550251	5540402	5528760	0.53	cps
Thallium	203-1	400	300	367	356	14.32	cps
Thallium	205-1	725	725	717	722	0.67	cps
Tin	118-1	2259	2209	2017	2161	5.91	cps
Titanium	47-1	231667	226283	230532	229494	1.24	cps
Uranium	238-1	425	433	492	450	8.07	cps
Vanadium	51-2	53	53	70	59	16.34	cps
Yttrium	89-1	8640889	8387446	8611031	8546455	1.62	cps
Yttrium	89-2	1242459	1260382	1256574	1253139	0.75	cps
Zinc	66-2	4304	4521	4307	4377	2.84	cps
Zirconium	90-1	76438	76152	80022	77537	2.78	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:49:53	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	16735	17052	16827	16872	0.97	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688496	692123	698943	693187	0.77	cps
Antimony	121-1	19064	19581	19756	19467	1.85	cps
Arsenic	75-2	591	670	663	641	6.86	cps
Barium	135-1	5218	5260	4851	5110	4.40	cps
Barium	137-1	9103	8528	9045	8892	3.56	cps
Beryllium	9-1	2806	2695	2823	2774	2.50	cps
Bismuth	209-1	6890927	7039438	6996966	6975777	1.10	cps
Bismuth	209-2	4211624	4300755	4378932	4297104	1.95	cps
Boron	10-1	1408	1325	1392	1375	3.21	cps
Boron	11-1	7035	6360	6327	6574	6.08	cps
Cadmium	111-1	6289	6473	6355	6372	1.47	cps
Cadmium	106-1	3159	3342	3184	3228	3.08	cps
Cadmium	108-1	533	638	583	585	8.91	cps
Calcium	43-1	248825	253429	248910	250388	1.05	cps
Calcium	44-1	4106149	4065290	4090963	4087467	0.51	cps
Chromium	52-2	9720	10034	10007	9920	1.75	cps
Cobalt	59-2	8616	8339	8476	8477	1.63	cps
Copper	63-2	9113	9490	9306	9303	2.03	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	67	123	77	89	34.03	cps
Holmium	165-1	10404158	10740521	10694864	10613181	1.72	cps
Holmium	165-2	5484664	5629147	5655251	5589687	1.64	cps
Indium	115-1	8125049	8418325	8388326	8310567	1.94	cps
Indium	115-2	1647385	1681160	1702333	1676959	1.65	cps
Iron	56-2	20037217	20150973	20100315	20096168	0.28	cps
Iron	57-2	494852	500279	497527	497553	0.55	cps
Lead	206-1	21551	20700	20911	21054	2.11	cps
Lead	207-1	18051	17367	18168	17862	2.42	cps
Lead	208-1	82227	81617	81977	81940	0.37	cps
Lithium	6-1	1569742	1614155	1613357	1599085	1.59	cps
Magnesium	24-2	1669618	1671349	1674957	1671974	0.16	cps
Manganese	55-2	6175	6351	6605	6377	3.39	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	528758	517330	522234	522774	1.10	cps
Molybdenum	95-1	870426	866114	868435	868325	0.25	cps
Molybdenum	96-1	938164	919740	933021	930308	1.02	cps
Molybdenum	97-1	538476	529919	534643	534346	0.80	cps
Molybdenum	98-1	1409479	1379122	1383455	1390685	1.18	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	3384	3407	3544	3445	2.51	cps
Phosphorus	31-2	37857	39252	39445	38852	2.23	cps
Potassium	39-2	1813323	1820210	1825855	1819796	0.34	cps
Rhodium	103-1	7159192	7416014	7352989	7309399	1.83	cps
Rhodium	103-2	3454165	3508977	3536512	3499885	1.20	cps
Scandium	45-1	4695411	4936440	4927721	4853191	2.82	cps
Scandium	45-2	206440	212010	216538	211663	2.39	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	106	96	126	109	13.87	cps
Selenium	82-1	358	256	132	248	45.57	cps
Silicon	28-1	344983	337868	342341	341731	1.05	cps
Silver	109-1	20691	19898	20682	20424	2.23	cps
Silver	107-1	21200	21350	21617	21389	0.99	cps
Sodium	23-2	3196861	3197229	3199891	3197994	0.05	cps
Strontium	86-1	26208	26284	26116	26203	0.32	cps
Strontium	88-1	215351	217712	210246	214436	1.78	cps
Sulfur	34-1	594540	598873	595254	596222	0.39	cps
Terbium	159-1	10943014	11262034	11141555	11115535	1.45	cps
Terbium	159-2	5456990	5533286	5633335	5541204	1.60	cps
Thallium	203-1	19114	19081	19540	19245	1.33	cps
Thallium	205-1	45010	45797	45872	45560	1.05	cps
Tin	118-1	40735	40125	40543	40467	0.77	cps
Titanium	47-1	237514	238409	235736	237220	0.57	cps
Uranium	238-1	154560	153751	152795	153702	0.57	cps
Vanadium	51-2	3947	4211	4097	4085	3.23	cps
Yttrium	89-1	8261906	8572274	8477351	8437177	1.88	cps
Yttrium	89-2	1239047	1262819	1285511	1262459	1.84	cps
Zinc	66-2	1623	1577	1533	1578	2.85	cps
Zirconium	90-1	79915	79638	80509	80021	0.56	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P7
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-07-14 12:53:22	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17829	17562	17303	17564	1.50	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3837649	3852726	3897657	3862677	0.81	cps
Antimony	121-1	4513757	4512570	4523453	4516593	0.13	cps
Arsenic	75-2	146097	146357	146514	146323	0.14	cps
Barium	135-1	5866620	5900198	5850615	5872478	0.43	cps
Barium	137-1	10014181	10107083	9969414	10030226	0.70	cps
Beryllium	9-1	666575	673051	672440	670689	0.53	cps
Bismuth	209-1	6441034	6478486	6457079	6458866	0.29	cps
Bismuth	209-2	3785850	3950709	3809203	3848587	2.32	cps
Boron	10-1	75974	76769	78697	77147	1.82	cps
Boron	11-1	375961	385167	390377	383835	1.90	cps
Cadmium	111-1	1014794	1005765	1007577	1009379	0.47	cps
Cadmium	106-1	110949	110756	114005	111903	1.63	cps
Cadmium	108-1	73293	73037	73686	73339	0.45	cps
Calcium	43-1	6355944	6447957	6447248	6417050	0.82	cps
Calcium	44-1	102058086	102172525	102121371	102117327	0.06	cps
Chromium	52-2	1258226	1259098	1266394	1261240	0.36	cps
Cobalt	59-2	1960286	1972571	1976343	1969733	0.43	cps
Copper	63-2	2714465	2731766	2731656	2725962	0.37	cps
Dysprosium	156-1	217	200	167	194	13.10	cps
Dysprosium	156-2	87	70	110	89	22.60	cps
Erbium	164-1	75	83	167	108	46.79	cps
Erbium	164-2	37	17	23	26	39.85	cps
Gadolinium	160-1	208	133	117	153	31.96	cps
Gadolinium	160-2	150	127	93	123	23.09	cps
Holmium	165-1	10446570	10388007	10458095	10430891	0.36	cps
Holmium	165-2	5288634	5490028	5327688	5368783	1.99	cps
Indium	115-1	7919823	7909011	7870061	7899631	0.33	cps
Indium	115-2	1540065	1596120	1554222	1563469	1.86	cps
Iron	56-2	246535172	246350561	245995800	246293844	0.11	cps
Iron	57-2	6222893	6187324	6205994	6205403	0.29	cps
Lead	206-1	3523880	3539759	3557567	3540402	0.48	cps
Lead	207-1	3228669	3232712	3228204	3229862	0.08	cps
Lead	208-1	14482235	14559558	14468978	14503590	0.34	cps
Lithium	6-1	1527370	1554047	1541671	1541029	0.87	cps
Magnesium	24-2	42931240	43052554	43222620	43068804	0.34	cps
Manganese	55-2	1431989	1440647	1439238	1437292	0.32	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4080719	4109830	4101557	4097369	0.37	cps
Molybdenum	95-1	2224940	2234862	2239640	2233147	0.34	cps
Molybdenum	96-1	2844597	2840639	2865581	2850272	0.47	cps
Molybdenum	97-1	1364311	1364412	1370720	1366481	0.27	cps
Molybdenum	98-1	3547198	3554513	3579456	3560389	0.48	cps
Neodymium	150-1	513	480	527	507	4.74	cps
Neodymium	150-2	67	53	63	61	11.36	cps
Nickel	60-2	509994	514151	513553	512566	0.44	cps
Phosphorus	31-2	40932	40623	41651	41069	1.28	cps
Potassium	39-2	23192115	23283871	23427935	23301307	0.51	cps
Rhodium	103-1	6739122	6771321	6821574	6777339	0.61	cps
Rhodium	103-2	3120898	3219262	3154771	3164977	1.58	cps
Scandium	45-1	4896653	4947718	4919176	4921182	0.52	cps
Scandium	45-2	210475	217097	213434	213668	1.55	cps
Selenium	77-2	2920	2950	2900	2924	0.86	cps
Selenium	78-2	9807	9926	9998	9910	0.97	cps
Selenium	82-1	61742	62393	61785	61973	0.59	cps
Silicon	28-1	3109658	3153677	3166552	3143295	0.95	cps
Silver	109-1	4819868	4811790	4813675	4815111	0.09	cps
Silver	107-1	5016443	5029309	5053445	5033066	0.37	cps
Sodium	23-2	80678952	81422798	82277564	81459771	0.98	cps
Strontium	86-1	1466988	1477760	1482439	1475729	0.54	cps
Strontium	88-1	12877644	12876370	12942009	12898675	0.29	cps
Sulfur	34-1	627562	628814	634762	630379	0.61	cps
Terbium	159-1	10680583	10884228	10903502	10822771	1.14	cps
Terbium	159-2	5219563	5415544	5255624	5296910	1.97	cps
Thallium	203-1	4424078	4420522	4468515	4437705	0.60	cps
Thallium	205-1	10391026	10453445	10595241	10479904	1.00	cps
Tin	118-1	3660619	3640747	3666022	3655796	0.36	cps
Titanium	47-1	604910	604467	609812	606396	0.49	cps
Uranium	238-1	15581971	15247555	15270697	15366741	1.22	cps
Vanadium	51-2	1056540	1062622	1064493	1061218	0.39	cps
Yttrium	89-1	8329989	8387129	8338362	8351827	0.37	cps
Yttrium	89-2	1206760	1251893	1216455	1225036	1.94	cps
Zinc	66-2	373169	373804	372841	373271	0.13	cps
Zirconium	90-1	7625051	7634275	7642909	7634078	0.12	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 12:56:49	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1685407	1706039	1693050	1694832	0.62	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 13:07:45 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	92	83	111	37.00	cps
Antimony	121-1	1875	1684	1909	1822	6.66	cps
Arsenic	75-2	17	15	20	17	16.38	cps
Barium	135-1	33	0	17	17	99.99	cps
Barium	137-1	33	75	33	47	50.95	cps
Beryllium	9-1	200	250	283	244	17.16	cps
Bismuth	209-1	7089313	7181841	7151059	7140738	0.66	cps
Bismuth	209-2	4180784	4165284	4145155	4163741	0.43	cps
Boron	10-1	842	1008	1117	989	14.01	cps
Boron	11-1	4584	4718	4718	4673	1.65	cps
Cadmium	111-1	2025	1766	1948	1913	6.97	cps
Cadmium	106-1	2892	2517	2775	2728	7.04	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	342	233	300	292	18.74	cps
Calcium	44-1	7461	7928	7210	7533	4.83	cps
Chromium	52-2	567	527	517	537	4.93	cps
Cobalt	59-2	120	130	117	122	5.68	cps
Copper	63-2	807	787	847	813	3.76	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	80	53	87	73	24.06	cps
Holmium	165-1	10586350	10436757	10721347	10581485	1.35	cps
Holmium	165-2	5337722	5273568	5276723	5296004	0.68	cps
Indium	115-1	8331238	8325557	8424839	8360545	0.67	cps
Indium	115-2	1616910	1593827	1594930	1601889	0.81	cps
Iron	56-2	10371	10204	10287	10287	0.81	cps
Iron	57-2	322	472	378	391	19.41	cps
Lead	206-1	1139	1145	1145	1143	0.28	cps
Lead	207-1	983	867	1011	954	8.04	cps
Lead	208-1	4589	4467	4467	4508	1.57	cps
Lithium	6-1	1618978	1624946	1648159	1630694	0.95	cps
Magnesium	24-2	2625	2275	2750	2550	9.66	cps
Manganese	55-2	367	420	427	404	8.13	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:07:45	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	825	675	742	10.30	cps
Molybdenum	95-1	267	508	350	375	32.74	cps
Molybdenum	96-1	567	542	500	536	6.28	cps
Molybdenum	97-1	317	250	275	281	12.00	cps
Molybdenum	98-1	633	650	608	631	3.33	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	677	837	677	730	12.65	cps
Phosphorus	31-2	133	125	100	119	14.53	cps
Potassium	39-2	32553	32303	31234	32030	2.19	cps
Rhodium	103-1	7389201	7563533	7393483	7448739	1.33	cps
Rhodium	103-2	3423325	3384359	3378993	3395559	0.71	cps
Scandium	45-1	4903400	4905888	4917169	4908819	0.15	cps
Scandium	45-2	207629	203369	203844	204947	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	69	61	63	7.78	cps
Selenium	82-1	-42	-39	-90	-57	-50.14	cps
Silicon	28-1	308067	305540	303558	305722	0.74	cps
Silver	109-1	242	217	283	247	13.62	cps
Silver	107-1	267	242	267	258	5.59	cps
Sodium	23-2	20164	19680	19663	19836	1.43	cps
Strontium	86-1	1784	1659	1800	1747	4.43	cps
Strontium	88-1	383	425	358	389	8.66	cps
Sulfur	34-1	286379	284838	283354	284857	0.53	cps
Terbium	159-1	11064649	11124558	11057963	11082390	0.33	cps
Terbium	159-2	5293046	5226320	5244413	5254593	0.66	cps
Thallium	203-1	308	375	233	306	23.20	cps
Thallium	205-1	950	917	825	897	7.22	cps
Tin	118-1	1675	1784	1583	1681	5.96	cps
Titanium	47-1	133	125	158	139	12.49	cps
Uranium	238-1	100	142	142	128	18.83	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	8454595	8487634	8473701	8471977	0.20	cps
Yttrium	89-2	1219040	1197229	1198715	1204995	1.01	cps
Zinc	66-2	287	247	230	254	11.45	cps
Zirconium	90-1	1550	1500	1450	1500	3.33	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:07:45	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	300	358	336	9.39	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1483	1583	1497	5.35	cps
Antimony	121-1	18388	18096	18029	18171	1.05	cps
Arsenic	75-2	294	307	300	301	2.16	cps
Barium	135-1	21409	20307	20833	20850	2.64	cps
Barium	137-1	36766	36131	36524	36474	0.88	cps
Beryllium	9-1	1539	1617	1678	1611	4.32	cps
Bismuth	209-1	6936451	7036492	6959363	6977435	0.75	cps
Bismuth	209-2	4209705	4186009	4224660	4206791	0.46	cps
Boron	10-1	3942	4184	4192	4106	3.46	cps
Boron	11-1	20314	19713	19855	19961	1.57	cps
Cadmium	111-1	4007	3886	4150	4014	3.30	cps
Cadmium	106-1	3117	3067	3175	3120	1.74	cps
Cadmium	108-1	138	183	188	169	16.38	cps
Calcium	43-1	11555	11722	12147	11808	2.59	cps
Calcium	44-1	188321	190724	190274	189773	0.67	cps
Chromium	52-2	5344	5348	5208	5300	1.51	cps
Cobalt	59-2	3814	3721	3754	3763	1.26	cps
Copper	63-2	6558	6418	6942	6639	4.08	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	42	92	42	58	49.48	cps
Erbium	164-2	20	10	27	19	44.42	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	80	110	77	89	20.65	cps
Holmium	165-1	10451307	10347654	10544455	10447805	0.94	cps
Holmium	165-2	5449330	5405938	5400518	5418595	0.49	cps
Indium	115-1	8192941	8205861	8240849	8213217	0.30	cps
Indium	115-2	1621535	1624923	1631337	1625932	0.31	cps
Iron	56-2	99340	100055	100185	99860	0.46	cps
Iron	57-2	2561	2523	2634	2573	2.19	cps
Lead	206-1	8531	9326	9554	9137	5.88	cps
Lead	207-1	8308	8125	8353	8262	1.46	cps
Lead	208-1	35681	37833	37343	36953	3.05	cps
Lithium	6-1	1595014	1606853	1609668	1603845	0.48	cps
Magnesium	24-2	80911	80206	80507	80542	0.44	cps
Manganese	55-2	1687	1710	1697	1698	0.69	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16869	16702	17286	16952	1.77	cps
Molybdenum	95-1	19314	18838	19489	19214	1.75	cps
Molybdenum	96-1	21584	21125	21884	21531	1.78	cps
Molybdenum	97-1	12197	12114	12331	12214	0.90	cps
Molybdenum	98-1	31218	31995	30726	31313	2.04	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1663	1720	1543	1642	5.49	cps
Phosphorus	31-2	117	125	192	144	28.46	cps
Potassium	39-2	111743	114321	114775	113613	1.44	cps
Rhodium	103-1	7274401	7369831	7292976	7312403	0.69	cps
Rhodium	103-2	3457772	3436659	3449157	3447863	0.31	cps
Scandium	45-1	4774148	4818086	4798283	4796839	0.46	cps
Scandium	45-2	209508	206109	207456	207691	0.82	cps
Selenium	77-2	33	43	37	38	13.48	cps
Selenium	78-2	198	183	130	170	21.16	cps
Selenium	82-1	623	569	628	607	5.40	cps
Silicon	28-1	347258	352722	350903	350295	0.79	cps
Silver	109-1	12623	12147	12773	12514	2.61	cps
Silver	107-1	12923	13699	13215	13279	2.95	cps
Sodium	23-2	167692	170515	170121	169443	0.90	cps
Strontium	86-1	4651	4067	4226	4315	6.99	cps
Strontium	88-1	23353	24388	24096	23946	2.23	cps
Sulfur	34-1	278134	282055	285717	281969	1.35	cps
Terbium	159-1	10731999	10879774	10722160	10777977	0.82	cps
Terbium	159-2	5395145	5363019	5374986	5377716	0.30	cps
Thallium	203-1	8970	8653	8645	8756	2.12	cps
Thallium	205-1	20016	21452	21894	21120	4.65	cps
Tin	118-1	33850	34301	34752	34301	1.32	cps
Titanium	47-1	5335	5651	5368	5451	3.19	cps
Uranium	238-1	28173	27589	27555	27772	1.25	cps
Vanadium	51-2	9453	9153	9343	9316	1.63	cps
Yttrium	89-1	8255922	8311755	8385528	8317735	0.78	cps
Yttrium	89-2	1223574	1217195	1223865	1221544	0.31	cps
Zinc	66-2	897	1080	1073	1017	10.23	cps
Zirconium	90-1	15818	16201	16101	16040	1.24	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:11:13	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3542	3742	3501	3595	3.59	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3794376	3820500	3829260	3814712	0.48	cps
Antimony	121-1	4436622	4446454	4481952	4455009	0.54	cps
Arsenic	75-2	141502	142149	141743	141798	0.23	cps
Barium	135-1	5719757	5723888	5804386	5749344	0.83	cps
Barium	137-1	9902219	9875855	9889480	9889185	0.13	cps
Beryllium	9-1	683218	682558	686421	684066	0.30	cps
Bismuth	209-1	6395981	6491084	6486300	6457788	0.83	cps
Bismuth	209-2	3843624	3850143	3868060	3853942	0.33	cps
Boron	10-1	78362	76217	80858	78479	2.96	cps
Boron	11-1	383768	387989	394799	388852	1.43	cps
Cadmium	111-1	983569	984792	986266	984875	0.14	cps
Cadmium	106-1	109597	108195	111210	109667	1.38	cps
Cadmium	108-1	71484	71094	72698	71759	1.17	cps
Calcium	43-1	6259855	6246102	6347786	6284581	0.88	cps
Calcium	44-1	99099008	100088256	100254656	99813974	0.63	cps
Chromium	52-2	1225713	1234029	1240382	1233374	0.60	cps
Cobalt	59-2	1919123	1921277	1935537	1925312	0.46	cps
Copper	63-2	2644714	2664307	2675388	2661470	0.58	cps
Dysprosium	156-1	142	175	175	164	11.74	cps
Dysprosium	156-2	83	113	97	98	15.37	cps
Erbium	164-1	67	125	58	83	43.59	cps
Erbium	164-2	40	53	53	49	15.74	cps
Gadolinium	160-1	158	142	108	136	18.70	cps
Gadolinium	160-2	100	77	117	98	20.55	cps
Holmium	165-1	10156314	10241224	10231025	10209521	0.45	cps
Holmium	165-2	5332906	5357127	5365418	5351817	0.32	cps
Indium	115-1	7627366	7574699	7617892	7606652	0.37	cps
Indium	115-2	1525867	1526384	1527854	1526702	0.07	cps
Iron	56-2	240380105	238398744	240452416	239743755	0.49	cps
Iron	57-2	6083696	6020092	6038672	6047487	0.54	cps
Lead	206-1	3583500	3610462	3609891	3601285	0.43	cps
Lead	207-1	3263002	3287722	3306670	3285798	0.67	cps
Lead	208-1	14741441	14790632	14827000	14786358	0.29	cps
Lithium	6-1	1573347	1587021	1578059	1579476	0.44	cps
Magnesium	24-2	42545239	42688317	42668025	42633860	0.18	cps
Manganese	55-2	1397700	1397574	1408450	1401241	0.45	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3992752	3956372	4023865	3990997	0.85	cps
Molybdenum	95-1	2167116	2151861	2194645	2171207	1.00	cps
Molybdenum	96-1	2759052	2748653	2792352	2766685	0.83	cps
Molybdenum	97-1	1324881	1341311	1347165	1337786	0.86	cps
Molybdenum	98-1	3459262	3481968	3477438	3472889	0.35	cps
Neodymium	150-1	627	527	480	544	13.76	cps
Neodymium	150-2	90	60	60	70	24.74	cps
Nickel	60-2	497166	498115	501787	499023	0.49	cps
Phosphorus	31-2	39988	40448	40824	40420	1.04	cps
Potassium	39-2	22577353	22643159	22776483	22665665	0.45	cps
Rhodium	103-1	6440713	6545195	6496030	6493979	0.80	cps
Rhodium	103-2	3106735	3111819	3117464	3112006	0.17	cps
Scandium	45-1	4715861	4762754	4787709	4755441	0.77	cps
Scandium	45-2	207940	209489	209934	209121	0.50	cps
Selenium	77-2	2844	2944	3047	2945	3.45	cps
Selenium	78-2	9676	9464	9579	9573	1.10	cps
Selenium	82-1	60489	61507	61321	61106	0.89	cps
Silicon	28-1	3049738	3083852	3119275	3084288	1.13	cps
Silver	109-1	4696040	4721720	4752486	4723415	0.60	cps
Silver	107-1	4879677	4892483	4936322	4902828	0.61	cps
Sodium	23-2	80428168	80284829	80701733	80471577	0.26	cps
Strontium	86-1	1434431	1443734	1450474	1442880	0.56	cps
Strontium	88-1	12521170	12523727	12595784	12546894	0.34	cps
Sulfur	34-1	638622	634257	635432	636104	0.36	cps
Terbium	159-1	10542793	10501777	10706038	10583536	1.02	cps
Terbium	159-2	5253863	5265535	5280648	5266682	0.25	cps
Thallium	203-1	4416902	4450647	4512439	4459996	1.09	cps
Thallium	205-1	10605404	10537370	10701843	10614872	0.78	cps
Tin	118-1	3574363	3574341	3625444	3591383	0.82	cps
Titanium	47-1	585192	597244	592619	591685	1.03	cps
Uranium	238-1	15508474	15617709	15603810	15576664	0.38	cps
Vanadium	51-2	1026178	1035934	1039263	1033791	0.66	cps
Yttrium	89-1	7986528	8103449	8082821	8057599	0.77	cps
Yttrium	89-2	1192222	1207414	1203555	1201064	0.66	cps
Zinc	66-2	363139	366164	364694	364666	0.41	cps
Zirconium	90-1	7418353	7463851	7456133	7446113	0.33	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 13:59:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1649946	1641011	1670775	1653911	0.92	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	42	56	22.91	cps
Antimony	121-1	1817	1925	1759	1834	4.61	cps
Arsenic	75-2	17	17	11	15	21.67	cps
Barium	135-1	50	8	42	33	66.15	cps
Barium	137-1	50	67	25	47	44.41	cps
Beryllium	9-1	317	250	250	272	14.14	cps
Bismuth	209-1	7298673	7249107	7224848	7257543	0.52	cps
Bismuth	209-2	4281378	4333203	4483643	4366075	2.41	cps
Boron	10-1	850	817	925	864	6.42	cps
Boron	11-1	4384	4459	4443	4429	0.89	cps
Cadmium	111-1	1932	1726	1929	1862	6.34	cps
Cadmium	106-1	2742	2442	2742	2642	6.56	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	167	208	142	172	19.56	cps
Calcium	44-1	5034	4818	5234	5029	4.15	cps
Chromium	52-2	453	493	500	482	5.23	cps
Cobalt	59-2	63	93	67	74	22.09	cps
Copper	63-2	690	663	790	714	9.35	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	0	50	33	86.60	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	80	73	80	78	4.95	cps
Holmium	165-1	10842123	10665005	10719183	10742103	0.84	cps
Holmium	165-2	5418157	5492219	5666551	5525642	2.31	cps
Indium	115-1	8380700	8323918	8285055	8329891	0.58	cps
Indium	115-2	1634986	1644306	1699418	1659570	2.10	cps
Iron	56-2	7658	7458	7691	7602	1.66	cps
Iron	57-2	322	406	400	376	12.39	cps
Lead	206-1	933	895	995	941	5.36	cps
Lead	207-1	956	950	878	928	4.68	cps
Lead	208-1	4095	3995	4000	4030	1.39	cps
Lithium	6-1	1665221	1668465	1676372	1670020	0.34	cps
Magnesium	24-2	1975	2050	2084	2036	2.73	cps
Manganese	55-2	250	277	257	261	5.31	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	717	742	833	764	8.04	cps
Molybdenum	95-1	325	283	267	292	10.30	cps
Molybdenum	96-1	475	408	400	428	9.61	cps
Molybdenum	97-1	183	150	217	183	18.18	cps
Molybdenum	98-1	425	308	308	347	19.40	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	567	523	503	531	6.10	cps
Phosphorus	31-2	233	217	200	217	7.69	cps
Potassium	39-2	31167	31042	31075	31095	0.21	cps
Rhodium	103-1	7465695	7474600	7428288	7456194	0.33	cps
Rhodium	103-2	3471534	3480595	3580614	3510914	1.72	cps
Scandium	45-1	4964681	4878932	4897953	4913855	0.92	cps
Scandium	45-2	208443	208315	216406	211055	2.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	78	70	75	5.68	cps
Selenium	82-1	-35	65	-85	-18	-415.33	cps
Silicon	28-1	297822	298898	293949	296890	0.88	cps
Silver	109-1	150	108	117	125	17.64	cps
Silver	107-1	233	192	117	181	32.75	cps
Sodium	23-2	16860	16835	17561	17085	2.41	cps
Strontium	86-1	1700	1717	1775	1731	2.28	cps
Strontium	88-1	183	233	125	181	30.03	cps
Sulfur	34-1	291227	293775	290788	291930	0.55	cps
Terbium	159-1	11247248	11222847	11101884	11190660	0.70	cps
Terbium	159-2	5368599	5427973	5583786	5460119	2.04	cps
Thallium	203-1	292	350	283	308	11.78	cps
Thallium	205-1	817	733	758	770	5.56	cps
Tin	118-1	1959	1992	1975	1975	0.84	cps
Titanium	47-1	83	108	67	86	24.35	cps
Uranium	238-1	83	75	92	83	10.00	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	8552775	8370609	8442356	8455247	1.09	cps
Yttrium	89-2	1225910	1230649	1263087	1239882	1.63	cps
Zinc	66-2	117	130	140	129	9.08	cps
Zirconium	90-1	1825	1650	1483	1653	10.34	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 14:09:46	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	425	275	381	24.12	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : PB100654BL Instrumnet Name : P7
 Client Sample ID : PB100654BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 15:11:53 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	42	58	67	45.07	cps
Antimony	121-1	392	317	283	331	16.79	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	50	58	33	47	26.97	cps
Barium	137-1	33	42	50	42	20.00	cps
Beryllium	9-1	72	89	122	94	26.96	cps
Bismuth	209-1	7151720	7214613	7223439	7196591	0.54	cps
Bismuth	209-2	4253704	4104193	4246770	4201556	2.01	cps
Boron	10-1	242	150	133	175	33.33	cps
Boron	11-1	867	683	858	803	12.90	cps
Cadmium	111-1	1473	1722	1676	1624	8.17	cps
Cadmium	106-1	2109	2459	2375	2314	7.90	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	225	183	258	222	16.91	cps
Calcium	44-1	5443	5026	5460	5310	4.63	cps
Chromium	52-2	410	507	700	539	27.43	cps
Cobalt	59-2	73	43	53	57	26.96	cps
Copper	63-2	517	487	480	494	3.95	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	73	67	93	78	17.84	cps
Holmium	165-1	10627745	10571346	10540252	10579781	0.42	cps
Holmium	165-2	5384188	5241741	5388065	5337998	1.56	cps
Indium	115-1	8201170	8236443	8236449	8224687	0.25	cps
Indium	115-2	1605155	1562985	1604539	1590893	1.52	cps
Iron	56-2	4223	4028	4356	4203	3.92	cps
Iron	57-2	217	322	239	259	21.47	cps
Lead	206-1	794	756	778	776	2.51	cps
Lead	207-1	617	550	728	632	14.22	cps
Lead	208-1	3089	2922	3145	3052	3.79	cps
Lithium	6-1	1665173	1653295	1666247	1661571	0.43	cps
Magnesium	24-2	2725	2817	2825	2789	1.99	cps
Manganese	55-2	183	217	230	210	11.45	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BL	Instrumnet Name :	P7
Client Sample ID :	PB100654BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:11:53	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	258	292	283	7.78	cps
Molybdenum	95-1	75	50	42	56	31.22	cps
Molybdenum	96-1	67	158	167	131	42.50	cps
Molybdenum	97-1	58	58	42	53	18.23	cps
Molybdenum	98-1	67	83	83	78	12.37	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	467	453	447	456	2.24	cps
Phosphorus	31-2	158	150	108	139	19.29	cps
Potassium	39-2	30106	29873	30841	30273	1.67	cps
Rhodium	103-1	7237859	7357047	7324707	7306537	0.84	cps
Rhodium	103-2	3410208	3331675	3402432	3381439	1.28	cps
Scandium	45-1	4817068	4848670	4858746	4841495	0.45	cps
Scandium	45-2	209342	198855	205942	204713	2.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	85	72	73	16.55	cps
Selenium	82-1	-32	-78	-51	-53	-42.94	cps
Silicon	28-1	296586	299836	297881	298101	0.55	cps
Silver	109-1	42	83	42	56	43.30	cps
Silver	107-1	58	92	117	89	32.92	cps
Sodium	23-2	13131	12989	13523	13215	2.09	cps
Strontium	86-1	1417	1942	1800	1720	15.80	cps
Strontium	88-1	250	275	333	286	14.95	cps
Sulfur	34-1	300894	303536	300304	301578	0.57	cps
Terbium	159-1	10961347	11089095	11058490	11036311	0.60	cps
Terbium	159-2	5326310	5168178	5336136	5276875	1.79	cps
Thallium	203-1	133	200	167	167	20.00	cps
Thallium	205-1	458	358	358	392	14.74	cps
Tin	118-1	1458	1425	1467	1450	1.52	cps
Titanium	47-1	183	83	67	111	56.79	cps
Uranium	238-1	83	42	50	58	37.80	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	8255213	8211488	8335466	8267389	0.76	cps
Yttrium	89-2	1205741	1169552	1205743	1193679	1.75	cps
Zinc	66-2	163	167	113	148	20.22	cps
Zirconium	90-1	708	792	833	778	8.18	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BL	Instrumnet Name :	P7
Client Sample ID :	PB100654BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:11:53	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	192	158	175	9.53	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	716370	714742	714511	715208	0.14	cps
Antimony	121-1	4480847	4545177	4543272	4523099	0.81	cps
Arsenic	75-2	139713	139924	140704	140114	0.37	cps
Barium	135-1	5787556	5797937	5841355	5808949	0.49	cps
Barium	137-1	9948977	9896915	9991786	9945893	0.48	cps
Beryllium	9-1	664525	666243	668110	666293	0.27	cps
Bismuth	209-1	6880453	6546827	6900453	6775911	2.93	cps
Bismuth	209-2	4064396	4036782	4078420	4059866	0.52	cps
Boron	10-1	72105	74056	76895	74352	3.24	cps
Boron	11-1	362390	367478	372862	367577	1.42	cps
Cadmium	111-1	1039974	1035549	1028620	1034715	0.55	cps
Cadmium	106-1	114755	113509	111502	113256	1.45	cps
Cadmium	108-1	75345	74143	73138	74208	1.49	cps
Calcium	43-1	1235095	1252803	1245726	1244541	0.72	cps
Calcium	44-1	19661649	19822532	19674430	19719537	0.45	cps
Chromium	52-2	1167623	1172908	1179026	1173186	0.49	cps
Cobalt	59-2	1902651	1925052	1931165	1919623	0.78	cps
Copper	63-2	2705581	2721247	2725811	2717546	0.39	cps
Dysprosium	156-1	100	175	167	147	27.92	cps
Dysprosium	156-2	70	67	67	68	2.84	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	27	27	30	28	6.92	cps
Gadolinium	160-1	67	117	58	81	39.16	cps
Gadolinium	160-2	97	107	83	96	12.25	cps
Holmium	165-1	10484929	10001436	10292207	10259524	2.37	cps
Holmium	165-2	5353124	5360467	5360590	5358060	0.08	cps
Indium	115-1	7861074	7606205	7787800	7751693	1.69	cps
Indium	115-2	1542537	1542887	1555397	1546940	0.47	cps
Iron	56-2	48332475	48089783	48486937	48303065	0.41	cps
Iron	57-2	1207538	1209176	1213244	1209986	0.24	cps
Lead	206-1	3730381	3712863	3724664	3722636	0.24	cps
Lead	207-1	3389270	3382254	3368663	3380062	0.31	cps
Lead	208-1	15245964	15127265	15146454	15173228	0.42	cps
Lithium	6-1	1633374	1585257	1632169	1616933	1.70	cps
Magnesium	24-2	8378488	8348718	8392568	8373258	0.27	cps
Manganese	55-2	1354026	1359965	1365027	1359673	0.40	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3871962	3897451	3936196	3901870	0.83	cps
Molybdenum	95-1	2140505	2136737	2143611	2140284	0.16	cps
Molybdenum	96-1	2716296	2704186	2706327	2708936	0.24	cps
Molybdenum	97-1	1307810	1315234	1308384	1310476	0.32	cps
Molybdenum	98-1	3409245	3433399	3399820	3414155	0.51	cps
Neodymium	150-1	507	480	387	458	13.76	cps
Neodymium	150-2	53	47	63	54	15.40	cps
Nickel	60-2	497176	497223	502299	498899	0.59	cps
Phosphorus	31-2	38593	39737	38818	39049	1.55	cps
Potassium	39-2	4450306	4488093	4516361	4484920	0.74	cps
Rhodium	103-1	6958299	6662375	6779535	6800069	2.19	cps
Rhodium	103-2	3220857	3229539	3254232	3234876	0.54	cps
Scandium	45-1	4797706	4528612	4726414	4684244	2.98	cps
Scandium	45-2	204516	203544	205372	204477	0.45	cps
Selenium	77-2	3074	2820	2904	2933	4.40	cps
Selenium	78-2	9550	9740	9783	9691	1.28	cps
Selenium	82-1	63670	63784	63121	63525	0.56	cps
Silicon	28-1	2901725	2918149	2908453	2909442	0.28	cps
Silver	109-1	4960182	4943201	4930675	4944686	0.30	cps
Silver	107-1	5155158	5153711	5110655	5139841	0.49	cps
Sodium	23-2	15559985	15563181	15566399	15563188	0.02	cps
Strontium	86-1	1391222	1407038	1406129	1401463	0.63	cps
Strontium	88-1	12064181	12176743	12145364	12128763	0.48	cps
Sulfur	34-1	623620	623923	617864	621802	0.55	cps
Terbium	159-1	10843974	10475258	10777289	10698841	1.84	cps
Terbium	159-2	5243118	5259922	5291882	5264974	0.47	cps
Thallium	203-1	4631061	4589748	4598763	4606524	0.47	cps
Thallium	205-1	10823649	10852556	10780939	10819048	0.33	cps
Tin	118-1	3634408	3654853	3650522	3646594	0.30	cps
Titanium	47-1	575403	574335	575250	574996	0.10	cps
Uranium	238-1	15393526	15411003	15424410	15409646	0.10	cps
Vanadium	51-2	990849	994424	999832	995035	0.45	cps
Yttrium	89-1	8142835	7867588	8133908	8048110	1.94	cps
Yttrium	89-2	1192128	1180954	1203618	1192234	0.95	cps
Zinc	66-2	373162	373520	375850	374177	0.39	cps
Zirconium	90-1	7207979	7276652	7285576	7256735	0.59	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100654BS	Instrumnet Name :	P7
Client Sample ID :	PB100654BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:15:22	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1615035	1623353	1625910	1621433	0.35	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	75	97	21.57	cps
Antimony	121-1	1875	1934	1792	1867	3.81	cps
Arsenic	75-2	17	22	24	21	18.35	cps
Barium	135-1	25	75	50	50	50.00	cps
Barium	137-1	75	100	67	81	21.54	cps
Beryllium	9-1	256	344	256	285	18.00	cps
Bismuth	209-1	7606736	7716625	7669081	7664147	0.72	cps
Bismuth	209-2	4599354	4424810	4347772	4457312	2.89	cps
Boron	10-1	1408	1283	1225	1306	7.17	cps
Boron	11-1	6893	6327	6368	6529	4.84	cps
Cadmium	111-1	1909	1871	1895	1892	1.00	cps
Cadmium	106-1	2692	2642	2675	2670	0.95	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	725	592	558	625	14.11	cps
Calcium	44-1	12990	12664	12689	12781	1.42	cps
Chromium	52-2	637	653	717	669	6.31	cps
Cobalt	59-2	93	97	100	97	3.44	cps
Copper	63-2	603	617	587	602	2.50	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	8	33	75	39	86.61	cps
Gadolinium	160-2	90	53	93	79	28.14	cps
Holmium	165-1	11131450	11255002	11116231	11167561	0.68	cps
Holmium	165-2	5772312	5629906	5610267	5670828	1.56	cps
Indium	115-1	8616098	8634383	8620254	8623578	0.11	cps
Indium	115-2	1701321	1663840	1670899	1678687	1.19	cps
Iron	56-2	6207	6035	12284	8175	43.54	cps
Iron	57-2	289	278	300	289	3.85	cps
Lead	206-1	983	911	983	959	4.35	cps
Lead	207-1	889	995	995	959	6.35	cps
Lead	208-1	3973	4206	4250	4143	3.60	cps
Lithium	6-1	1737897	1749652	1724553	1737367	0.72	cps
Magnesium	24-2	2234	2534	2567	2445	7.51	cps
Manganese	55-2	363	367	447	392	12.03	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	300	475	428	26.16	cps
Molybdenum	95-1	400	308	350	353	13.01	cps
Molybdenum	96-1	467	383	483	444	12.06	cps
Molybdenum	97-1	250	208	183	214	15.75	cps
Molybdenum	98-1	717	533	508	586	19.41	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	490	507	480	492	2.74	cps
Phosphorus	31-2	117	117	100	111	8.66	cps
Potassium	39-2	29580	30082	30098	29920	0.98	cps
Rhodium	103-1	7735370	7760207	7679110	7724896	0.54	cps
Rhodium	103-2	3615803	3539908	3537700	3564470	1.25	cps
Scandium	45-1	5067123	5045370	5007824	5040106	0.60	cps
Scandium	45-2	216180	214087	207877	212715	2.03	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	78	81	75	10.23	cps
Selenium	82-1	27	25	66	39	59.44	cps
Silicon	28-1	273911	275308	275562	274927	0.32	cps
Silver	109-1	125	142	125	131	7.37	cps
Silver	107-1	192	133	117	147	26.75	cps
Sodium	23-2	15117	15609	15141	15289	1.81	cps
Strontium	86-1	1734	1692	1784	1736	2.64	cps
Strontium	88-1	1067	1000	975	1014	4.67	cps
Sulfur	34-1	276402	275409	275825	275879	0.18	cps
Terbium	159-1	11614026	11659631	11434782	11569480	1.03	cps
Terbium	159-2	5702422	5524926	5534479	5587276	1.79	cps
Thallium	203-1	433	367	350	383	11.50	cps
Thallium	205-1	1033	817	975	942	11.91	cps
Tin	118-1	1433	1133	1133	1233	14.04	cps
Titanium	47-1	142	92	150	128	24.69	cps
Uranium	238-1	108	158	108	125	23.09	cps
Vanadium	51-2	37	7	7	17	103.90	cps
Yttrium	89-1	8686940	8786840	8641226	8705002	0.86	cps
Yttrium	89-2	1282108	1250019	1243025	1258384	1.66	cps
Zinc	66-2	210	173	240	208	16.07	cps
Zirconium	90-1	708	858	700	756	11.79	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I3962-19	Instrumnet Name :	P7
Client Sample ID :	FL-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:22:54	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	133	192	175	20.76	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	108	72	59.21	cps
Antimony	121-1	1225	1158	1092	1158	5.76	cps
Arsenic	75-2	9	11	11	10	10.18	cps
Barium	135-1	25	58	75	53	48.24	cps
Barium	137-1	83	92	58	78	22.30	cps
Beryllium	9-1	161	233	194	196	18.41	cps
Bismuth	209-1	7666035	7730496	7550115	7648882	1.20	cps
Bismuth	209-2	4470370	4477385	4450605	4466120	0.31	cps
Boron	10-1	842	850	817	836	2.08	cps
Boron	11-1	4709	4393	3851	4317	10.06	cps
Cadmium	111-1	1944	1913	1951	1936	1.05	cps
Cadmium	106-1	2750	2742	2784	2759	0.80	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	700	658	508	622	16.20	cps
Calcium	44-1	13548	13140	13148	13279	1.76	cps
Chromium	52-2	647	590	667	634	6.27	cps
Cobalt	59-2	77	47	63	62	24.16	cps
Copper	63-2	560	627	597	594	5.62	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	7	33	17	19	71.30	cps
Gadolinium	160-1	50	42	17	36	48.03	cps
Gadolinium	160-2	67	57	93	72	26.25	cps
Holmium	165-1	11132322	11344252	11239783	11238786	0.94	cps
Holmium	165-2	5614858	5674501	5649554	5646305	0.53	cps
Indium	115-1	8739426	8797183	8648077	8728229	0.86	cps
Indium	115-2	1678239	1695770	1676383	1683464	0.64	cps
Iron	56-2	5707	5974	5885	5855	2.32	cps
Iron	57-2	206	317	217	246	24.85	cps
Lead	206-1	1067	856	956	959	11.01	cps
Lead	207-1	917	761	817	832	9.48	cps
Lead	208-1	4234	3717	3784	3911	7.19	cps
Lithium	6-1	1758025	1758518	1731658	1749401	0.88	cps
Magnesium	24-2	2734	2609	2575	2639	3.16	cps
Manganese	55-2	457	457	393	436	8.39	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	425	442	403	13.30	cps
Molybdenum	95-1	192	225	233	217	10.18	cps
Molybdenum	96-1	217	333	292	281	21.07	cps
Molybdenum	97-1	142	117	217	158	32.87	cps
Molybdenum	98-1	350	283	400	344	16.99	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	477	430	540	482	11.45	cps
Phosphorus	31-2	133	158	167	153	11.36	cps
Potassium	39-2	30825	31192	29455	30491	3.00	cps
Rhodium	103-1	7802806	7907601	7659009	7789806	1.60	cps
Rhodium	103-2	3553709	3583030	3547647	3561462	0.53	cps
Scandium	45-1	5125135	5101852	5029877	5085622	0.98	cps
Scandium	45-2	214052	214373	212765	213730	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	52	74	66	18.67	cps
Selenium	82-1	22	-1	-92	-23	-257.14	cps
Silicon	28-1	275147	270980	271481	272536	0.83	cps
Silver	109-1	100	92	50	81	33.25	cps
Silver	107-1	175	217	175	189	12.74	cps
Sodium	23-2	15550	15792	15475	15606	1.06	cps
Strontium	86-1	1892	1850	1775	1839	3.22	cps
Strontium	88-1	1017	925	1133	1025	10.19	cps
Sulfur	34-1	276836	276690	280072	277866	0.69	cps
Terbium	159-1	11576039	11744131	11431764	11583978	1.35	cps
Terbium	159-2	5526433	5624199	5589564	5580065	0.89	cps
Thallium	203-1	292	217	233	247	15.93	cps
Thallium	205-1	683	625	625	644	5.23	cps
Tin	118-1	900	900	917	906	1.06	cps
Titanium	47-1	150	100	92	114	27.70	cps
Uranium	238-1	75	67	92	78	16.37	cps
Vanadium	51-2	13	17	27	19	36.75	cps
Yttrium	89-1	8791200	8885433	8712705	8796446	0.98	cps
Yttrium	89-2	1257693	1258827	1259789	1258770	0.08	cps
Zinc	66-2	193	170	187	183	6.56	cps
Zirconium	90-1	758	800	783	781	2.69	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4181-01	Instrumnet Name :	P7
Client Sample ID :	EB01-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:26:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	142	161	13.02	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3892	4109	3817	3940	3.85	cps
Antimony	121-1	29900	28530	25633	28021	7.78	cps
Arsenic	75-2	9477	9474	9399	9450	0.46	cps
Barium	135-1	48101	48410	50082	48865	2.18	cps
Barium	137-1	87106	86058	86737	86634	0.61	cps
Beryllium	9-1	211	156	161	176	17.39	cps
Bismuth	209-1	7158107	7125818	7156047	7146657	0.25	cps
Bismuth	209-2	4097086	4139465	4111891	4116147	0.52	cps
Boron	10-1	3317	3459	3217	3331	3.65	cps
Boron	11-1	18720	17461	17018	17733	4.98	cps
Cadmium	111-1	5690	5593	5501	5594	1.68	cps
Cadmium	106-1	3000	2900	2892	2931	2.06	cps
Cadmium	108-1	296	317	254	289	11.02	cps
Calcium	43-1	1166160	1166702	1156872	1163245	0.47	cps
Calcium	44-1	18514522	18423581	18382296	18440133	0.37	cps
Chromium	52-2	2987	3234	2974	3065	4.78	cps
Cobalt	59-2	2907	2747	2657	2770	4.57	cps
Copper	63-2	33391	33101	33128	33207	0.48	cps
Dysprosium	156-1	125	125	275	175	49.49	cps
Dysprosium	156-2	90	73	80	81	10.34	cps
Erbium	164-1	158	117	142	139	15.10	cps
Erbium	164-2	93	77	110	93	17.85	cps
Gadolinium	160-1	192	150	217	186	18.10	cps
Gadolinium	160-2	133	130	167	143	14.15	cps
Holmium	165-1	10268636	10305510	10408107	10327418	0.70	cps
Holmium	165-2	5172580	5201748	5199782	5191370	0.31	cps
Indium	115-1	8274624	8295836	8339910	8303457	0.40	cps
Indium	115-2	1578938	1579875	1570904	1576572	0.31	cps
Iron	56-2	7736644	7689996	7659229	7695290	0.51	cps
Iron	57-2	196857	194099	189438	193465	1.94	cps
Lead	206-1	7908	7525	7602	7678	2.64	cps
Lead	207-1	6374	6424	6468	6422	0.74	cps
Lead	208-1	30214	29731	30064	30003	0.83	cps
Lithium	6-1	1676571	1687799	1703683	1689351	0.81	cps
Magnesium	24-2	1177890	1167034	1152341	1165755	1.10	cps
Manganese	55-2	632326	627943	623161	627810	0.73	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11347	10871	10521	10913	3.80	cps
Molybdenum	95-1	16151	15835	15359	15782	2.53	cps
Molybdenum	96-1	17094	16569	16560	16741	1.83	cps
Molybdenum	97-1	9820	10237	10112	10057	2.13	cps
Molybdenum	98-1	25057	25132	24998	25062	0.27	cps
Neodymium	150-1	233	267	267	256	7.53	cps
Neodymium	150-2	107	90	83	93	12.88	cps
Nickel	60-2	2110	1893	1997	2000	5.42	cps
Phosphorus	31-2	442	433	383	419	7.52	cps
Potassium	39-2	1673710	1671407	1655195	1666771	0.61	cps
Rhodium	103-1	6876423	6826308	6815901	6839544	0.47	cps
Rhodium	103-2	3131635	3136733	3130463	3132943	0.11	cps
Scandium	45-1	4476590	4436917	4397965	4437157	0.89	cps
Scandium	45-2	180028	180739	181486	180751	0.40	cps
Selenium	77-2	13	20	7	13	49.99	cps
Selenium	78-2	69	69	59	65	8.17	cps
Selenium	82-1	-90	235	103	83	197.48	cps
Silicon	28-1	19801085	19607444	19389749	19599426	1.05	cps
Silver	109-1	9570	9470	8570	9203	5.99	cps
Silver	107-1	10112	9854	8803	9590	7.23	cps
Sodium	23-2	10553969	10427431	10375373	10452258	0.88	cps
Strontium	86-1	568325	561403	563628	564452	0.63	cps
Strontium	88-1	4979447	4977514	4934212	4963724	0.52	cps
Sulfur	34-1	362798	354827	356192	357939	1.19	cps
Terbium	159-1	10764511	10668354	10802105	10744990	0.64	cps
Terbium	159-2	5118669	5121170	5148084	5129308	0.32	cps
Thallium	203-1	2200	1925	1450	1859	20.42	cps
Thallium	205-1	5535	4067	3267	4290	26.81	cps
Tin	118-1	7836	7544	7686	7689	1.90	cps
Titanium	47-1	4301	4418	4084	4267	3.97	cps
Uranium	238-1	6577	6886	6585	6683	2.63	cps
Vanadium	51-2	1273	1303	1230	1269	2.91	cps
Yttrium	89-1	7943076	7952128	7943823	7946342	0.06	cps
Yttrium	89-2	1109725	1110061	1103820	1107869	0.32	cps
Zinc	66-2	31514	31528	31013	31352	0.94	cps
Zirconium	90-1	6352	5518	5201	5690	10.44	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4014-17	Instrumnet Name :	P7
Client Sample ID :	FL-0500	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:29:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1542	1192	1342	1358	12.93	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	217	217	200	14.44	cps
Antimony	121-1	12673	13098	12931	12901	1.66	cps
Arsenic	75-2	272	287	254	271	6.16	cps
Barium	135-1	181426	179148	181301	180625	0.71	cps
Barium	137-1	312760	311866	311796	312141	0.17	cps
Beryllium	9-1	111	122	111	115	5.59	cps
Bismuth	209-1	7161278	7298033	7115895	7191735	1.32	cps
Bismuth	209-2	4059758	4070876	4043740	4058125	0.34	cps
Boron	10-1	22584	22542	22392	22506	0.45	cps
Boron	11-1	116176	115597	118554	116776	1.34	cps
Cadmium	111-1	1979	1909	1714	1867	7.34	cps
Cadmium	106-1	2517	2325	2017	2286	11.03	cps
Cadmium	108-1	42	33	21	32	32.84	cps
Calcium	43-1	2488968	2472507	2466062	2475846	0.48	cps
Calcium	44-1	39328115	39464798	39280134	39357682	0.24	cps
Chromium	52-2	1387	1167	1303	1286	8.64	cps
Cobalt	59-2	380	357	330	356	7.04	cps
Copper	63-2	20678	21466	21032	21059	1.87	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	75	58	108	81	31.60	cps
Erbium	164-2	30	23	40	31	26.97	cps
Gadolinium	160-1	58	92	100	83	26.45	cps
Gadolinium	160-2	70	100	73	81	20.27	cps
Holmium	165-1	10323245	10483003	10434683	10413644	0.79	cps
Holmium	165-2	5129633	5132144	5143968	5135248	0.15	cps
Indium	115-1	8150239	8142836	8034772	8109282	0.80	cps
Indium	115-2	1510319	1507741	1509246	1509102	0.09	cps
Iron	56-2	32353	32653	31891	32299	1.19	cps
Iron	57-2	5218	5140	5390	5249	2.44	cps
Lead	206-1	3095	3128	3128	3117	0.62	cps
Lead	207-1	2984	2906	2928	2939	1.36	cps
Lead	208-1	12642	12820	12792	12751	0.75	cps
Lithium	6-1	1676659	1702825	1684433	1687972	0.80	cps
Magnesium	24-2	1321514	1316644	1303125	1313761	0.73	cps
Manganese	55-2	23282	22674	22484	22813	1.83	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3109	3059	3092	3087	0.83	cps
Molybdenum	95-1	2834	2817	2700	2784	2.61	cps
Molybdenum	96-1	3284	3300	2834	3139	8.44	cps
Molybdenum	97-1	1967	1767	2034	1922	7.22	cps
Molybdenum	98-1	4167	4834	4518	4506	7.40	cps
Neodymium	150-1	47	53	27	42	32.87	cps
Neodymium	150-2	10	17	3	10	66.70	cps
Nickel	60-2	1447	1650	1523	1540	6.67	cps
Phosphorus	31-2	200	150	142	164	19.25	cps
Potassium	39-2	318823	318018	315225	317355	0.60	cps
Rhodium	103-1	6631879	6781902	6717779	6710520	1.12	cps
Rhodium	103-2	3042571	3042808	3038441	3041274	0.08	cps
Scandium	45-1	4232708	4261910	4163941	4219520	1.19	cps
Scandium	45-2	170097	170450	169432	169993	0.30	cps
Selenium	77-2	20	27	13	20	33.35	cps
Selenium	78-2	65	94	65	75	22.90	cps
Selenium	82-1	167	-52	94	70	159.72	cps
Silicon	28-1	41004423	40669414	40297487	40657108	0.87	cps
Silver	109-1	4376	4226	4117	4240	3.06	cps
Silver	107-1	4793	4401	4526	4573	4.38	cps
Sodium	23-2	5473783	5461325	5429017	5454709	0.42	cps
Strontium	86-1	1525497	1533666	1522606	1527256	0.38	cps
Strontium	88-1	13361687	13438201	13332844	13377577	0.41	cps
Sulfur	34-1	473032	473165	467799	471332	0.65	cps
Terbium	159-1	10718402	10826495	10805740	10783546	0.53	cps
Terbium	159-2	5066700	5043832	5087540	5066024	0.43	cps
Thallium	203-1	267	225	242	244	8.58	cps
Thallium	205-1	692	633	567	631	9.92	cps
Tin	118-1	5468	5826	5835	5710	3.67	cps
Titanium	47-1	1092	992	983	1022	5.90	cps
Uranium	238-1	35115	34631	34071	34606	1.51	cps
Vanadium	51-2	3054	2910	2987	2984	2.40	cps
Yttrium	89-1	7799228	7818807	7776605	7798213	0.27	cps
Yttrium	89-2	1067569	1069918	1070322	1069270	0.14	cps
Zinc	66-2	8836	8596	8876	8769	1.73	cps
Zirconium	90-1	4501	3959	4267	4242	6.41	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:33:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1042	875	883	933	10.06	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10DUP Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711DU Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 15:36:45 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	200	225	200	12.50	cps
Antimony	121-1	10546	10905	11030	10827	2.32	cps
Arsenic	75-2	269	267	250	262	3.90	cps
Barium	135-1	178322	179241	179747	179103	0.40	cps
Barium	137-1	312753	312061	312776	312530	0.13	cps
Beryllium	9-1	83	94	111	96	14.51	cps
Bismuth	209-1	7105137	7084367	7121804	7103769	0.26	cps
Bismuth	209-2	3980310	3795780	3942655	3906248	2.50	cps
Boron	10-1	21941	21508	23419	22289	4.50	cps
Boron	11-1	113994	112440	111870	112768	0.98	cps
Cadmium	111-1	1749	1564	1633	1649	5.67	cps
Cadmium	106-1	2267	1967	2067	2100	7.27	cps
Cadmium	108-1	13	13	38	21	69.28	cps
Calcium	43-1	2425341	2404690	2389534	2406521	0.75	cps
Calcium	44-1	38492231	38124400	38422444	38346358	0.51	cps
Chromium	52-2	1290	1243	1287	1273	2.04	cps
Cobalt	59-2	370	380	377	376	1.36	cps
Copper	63-2	21760	22487	22127	22125	1.64	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	75	17	50	47	61.97	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	90	73	60	74	20.19	cps
Holmium	165-1	10313035	10379633	10481665	10391444	0.82	cps
Holmium	165-2	5062364	4804665	5042447	4969825	2.88	cps
Indium	115-1	7924683	7902517	7916275	7914492	0.14	cps
Indium	115-2	1460333	1394121	1452196	1435550	2.52	cps
Iron	56-2	30666	31752	30955	31124	1.81	cps
Iron	57-2	4745	5084	5134	4988	4.24	cps
Lead	206-1	2756	2517	2684	2652	4.62	cps
Lead	207-1	2473	2611	2356	2480	5.16	cps
Lead	208-1	10819	10935	10635	10796	1.40	cps
Lithium	6-1	1619578	1629365	1630848	1626597	0.38	cps
Magnesium	24-2	1266680	1255625	1247254	1256520	0.78	cps
Manganese	55-2	22227	22244	22397	22289	0.42	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10DUP Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711DU Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 15:36:45 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2650	2350	2292	2431	7.91	cps
Molybdenum	95-1	2800	2592	2834	2742	4.78	cps
Molybdenum	96-1	2800	3109	3259	3056	7.65	cps
Molybdenum	97-1	1842	1667	1667	1725	5.86	cps
Molybdenum	98-1	4526	4584	4009	4373	7.24	cps
Neodymium	150-1	73	100	67	80	22.04	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	1520	1553	1543	1539	1.11	cps
Phosphorus	31-2	108	167	150	142	21.21	cps
Potassium	39-2	302798	299422	299914	300711	0.61	cps
Rhodium	103-1	6567905	6612536	6558451	6579631	0.44	cps
Rhodium	103-2	2965246	2839548	2959279	2921358	2.43	cps
Scandium	45-1	4046788	4009171	4010767	4022242	0.53	cps
Scandium	45-2	161832	156881	162833	160515	1.99	cps
Selenium	77-2	7	13	20	13	49.99	cps
Selenium	78-2	80	74	74	76	4.23	cps
Selenium	82-1	175	192	110	159	27.33	cps
Silicon	28-1	39187161	39161768	38873118	39074015	0.45	cps
Silver	109-1	3326	3442	3642	3470	4.62	cps
Silver	107-1	3651	3859	3626	3712	3.45	cps
Sodium	23-2	5239228	5193704	5125879	5186270	1.10	cps
Strontium	86-1	1512625	1525648	1521265	1519846	0.44	cps
Strontium	88-1	13145739	13400949	13248256	13264981	0.97	cps
Sulfur	34-1	456651	448657	443938	449749	1.43	cps
Terbium	159-1	10758655	10599145	10772050	10709950	0.90	cps
Terbium	159-2	4964576	4789043	4987620	4913746	2.21	cps
Thallium	203-1	233	183	150	189	22.21	cps
Thallium	205-1	383	442	358	394	10.84	cps
Tin	118-1	5651	5293	5551	5499	3.36	cps
Titanium	47-1	967	950	1125	1014	9.53	cps
Uranium	238-1	35132	36043	36143	35772	1.56	cps
Vanadium	51-2	2844	3120	3190	3051	6.01	cps
Yttrium	89-1	7589013	7617525	7653920	7620153	0.43	cps
Yttrium	89-2	1036416	984881	1034940	1018746	2.88	cps
Zinc	66-2	8506	8393	8363	8420	0.90	cps
Zirconium	90-1	3067	2942	3117	3042	2.96	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10DUP	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711DU	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:36:45	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	633	683	653	4.10	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	83	92	15.74	cps
Antimony	121-1	3000	3034	2759	2931	5.12	cps
Arsenic	75-2	69	61	83	71	15.94	cps
Barium	135-1	34669	36566	35271	35502	2.73	cps
Barium	137-1	60215	61855	62733	61601	2.08	cps
Beryllium	9-1	106	133	161	133	20.83	cps
Bismuth	209-1	6937561	6998448	6991598	6975869	0.48	cps
Bismuth	209-2	3974857	4098870	4072605	4048777	1.61	cps
Boron	10-1	5526	5351	5485	5454	1.68	cps
Boron	11-1	28753	27676	28244	28224	1.91	cps
Cadmium	111-1	1656	1571	1896	1707	9.89	cps
Cadmium	106-1	2309	2209	2634	2384	9.32	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	482483	484237	484051	483590	0.20	cps
Calcium	44-1	7762192	7718821	7700070	7727028	0.41	cps
Chromium	52-2	617	560	613	597	5.33	cps
Cobalt	59-2	87	120	113	107	16.53	cps
Copper	63-2	7012	6695	6902	6869	2.34	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	42	25	53	65.74	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	83	87	50	73	27.65	cps
Holmium	165-1	10535696	10400143	10521078	10485639	0.71	cps
Holmium	165-2	5124391	5284997	5263085	5224158	1.67	cps
Indium	115-1	7948363	7923641	7970869	7947625	0.30	cps
Indium	115-2	1486404	1527769	1521480	1511884	1.47	cps
Iron	56-2	9754	9564	9587	9635	1.07	cps
Iron	57-2	1189	1267	1200	1219	3.45	cps
Lead	206-1	989	1033	1056	1026	3.31	cps
Lead	207-1	917	933	967	939	2.71	cps
Lead	208-1	4061	4306	4123	4163	3.06	cps
Lithium	6-1	1514880	1507320	1506251	1509484	0.31	cps
Magnesium	24-2	268892	266537	267553	267661	0.44	cps
Manganese	55-2	4811	4711	4627	4716	1.95	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	558	658	619	8.65	cps
Molybdenum	95-1	608	583	600	597	2.13	cps
Molybdenum	96-1	683	608	608	633	6.84	cps
Molybdenum	97-1	408	467	392	422	9.33	cps
Molybdenum	98-1	1117	858	1050	1008	13.30	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	680	597	673	650	7.12	cps
Phosphorus	31-2	92	150	133	125	24.04	cps
Potassium	39-2	83000	81935	82856	82597	0.70	cps
Rhodium	103-1	6898388	6921517	6968100	6929335	0.51	cps
Rhodium	103-2	3103938	3170019	3166228	3146728	1.18	cps
Scandium	45-1	4235787	4211307	4260543	4235879	0.58	cps
Scandium	45-2	167438	173803	174867	172036	2.34	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	56	61	44	54	15.80	cps
Selenium	82-1	27	54	-104	-8	-1068.96	cps
Silicon	28-1	8196622	8236143	8223298	8218688	0.25	cps
Silver	109-1	1684	1784	1875	1781	5.38	cps
Silver	107-1	1784	1567	1934	1761	10.47	cps
Sodium	23-2	1116722	1111844	1118845	1115804	0.32	cps
Strontium	86-1	297394	301709	301783	300295	0.84	cps
Strontium	88-1	2608800	2611755	2620222	2613592	0.23	cps
Sulfur	34-1	277565	276970	273940	276158	0.70	cps
Terbium	159-1	10947143	10852366	10911377	10903629	0.44	cps
Terbium	159-2	5066079	5230239	5188793	5161704	1.65	cps
Thallium	203-1	75	92	83	83	10.00	cps
Thallium	205-1	233	158	142	178	27.47	cps
Tin	118-1	1825	1825	1925	1859	3.11	cps
Titanium	47-1	258	275	267	267	3.12	cps
Uranium	238-1	6835	6210	7177	6741	7.28	cps
Vanadium	51-2	517	710	640	622	15.73	cps
Yttrium	89-1	7830195	7823461	7871153	7841603	0.33	cps
Yttrium	89-2	1079491	1103584	1102849	1095308	1.25	cps
Zinc	66-2	2047	1970	1920	1979	3.22	cps
Zirconium	90-1	650	725	717	697	5.90	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 15:40:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	133	125	136	9.35	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	92	72	24.02	cps
Antimony	121-1	8453	8953	8745	8717	2.88	cps
Arsenic	75-2	230	217	263	236	10.10	cps
Barium	135-1	173545	172370	173958	173291	0.48	cps
Barium	137-1	299105	297990	298743	298613	0.19	cps
Beryllium	9-1	139	139	117	131	9.76	cps
Bismuth	209-1	7082150	7125978	6965703	7057944	1.17	cps
Bismuth	209-2	3892975	3930313	3906045	3909778	0.48	cps
Boron	10-1	20890	20757	20348	20665	1.37	cps
Boron	11-1	105165	106464	108336	106655	1.49	cps
Cadmium	111-1	1644	1606	1710	1653	3.17	cps
Cadmium	106-1	2217	2150	2342	2236	4.35	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	2274975	2263061	2256403	2264813	0.42	cps
Calcium	44-1	36061635	36271286	36006160	36113027	0.39	cps
Chromium	52-2	1560	1553	1510	1541	1.76	cps
Cobalt	59-2	197	233	183	204	12.66	cps
Copper	63-2	21426	22217	22781	22141	3.08	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	30	37	7	24	64.43	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	67	47	47	53	21.65	cps
Holmium	165-1	10077526	10011662	10190718	10093302	0.90	cps
Holmium	165-2	4977192	4951008	4988139	4972113	0.38	cps
Indium	115-1	7707301	7583756	7685397	7658818	0.86	cps
Indium	115-2	1412588	1413122	1415430	1413713	0.11	cps
Iron	56-2	12995	13090	13006	13030	0.40	cps
Iron	57-2	4245	4179	4051	4158	2.38	cps
Lead	206-1	2639	2311	2239	2397	8.90	cps
Lead	207-1	2172	2311	2095	2193	5.01	cps
Lead	208-1	10018	10119	9685	9941	2.28	cps
Lithium	6-1	1544735	1560192	1569609	1558179	0.81	cps
Magnesium	24-2	1167910	1155399	1167511	1163607	0.61	cps
Manganese	55-2	1173	1220	1110	1168	4.73	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2184	2109	1909	2067	6.88	cps
Molybdenum	95-1	2117	2184	2200	2167	2.04	cps
Molybdenum	96-1	2467	2492	2534	2498	1.35	cps
Molybdenum	97-1	1333	1542	1425	1433	7.28	cps
Molybdenum	98-1	3717	3884	3884	3828	2.51	cps
Neodymium	150-1	40	73	47	53	33.08	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	677	730	697	701	3.84	cps
Phosphorus	31-2	100	108	100	103	4.68	cps
Potassium	39-2	286697	289379	287509	287862	0.48	cps
Rhodium	103-1	6335687	6431027	6399282	6388665	0.76	cps
Rhodium	103-2	2866343	2863627	2876405	2868792	0.23	cps
Scandium	45-1	3843051	3810526	3810290	3821289	0.49	cps
Scandium	45-2	154728	153215	155856	154600	0.86	cps
Selenium	77-2	23	10	13	16	44.60	cps
Selenium	78-2	107	80	67	85	24.61	cps
Selenium	82-1	166	163	211	180	14.94	cps
Silicon	28-1	36660341	36654110	36373735	36562729	0.45	cps
Silver	109-1	3734	3451	3567	3584	3.97	cps
Silver	107-1	3834	3292	3217	3448	9.76	cps
Sodium	23-2	5064871	5008920	5014214	5029335	0.61	cps
Strontium	86-1	1430786	1438208	1443805	1437600	0.45	cps
Strontium	88-1	12529528	12444465	12670509	12548167	0.91	cps
Sulfur	34-1	440038	426756	427202	431332	1.75	cps
Terbium	159-1	10461108	10603846	10589844	10551599	0.75	cps
Terbium	159-2	4870660	4876505	4898074	4881746	0.30	cps
Thallium	203-1	125	175	167	156	17.22	cps
Thallium	205-1	258	325	425	336	24.96	cps
Tin	118-1	6052	6402	5851	6102	4.56	cps
Titanium	47-1	975	792	925	897	10.56	cps
Uranium	238-1	38283	37054	38533	37957	2.09	cps
Vanadium	51-2	3187	3157	3230	3192	1.16	cps
Yttrium	89-1	7254026	7333788	7344253	7310689	0.68	cps
Yttrium	89-2	997999	996194	1001678	998624	0.28	cps
Zinc	66-2	3470	3521	3370	3454	2.21	cps
Zirconium	90-1	2167	2284	2075	2175	4.80	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-11	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:43:39	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	500	542	481	15.15	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3151946	3177481	3163079	3164169	0.40	cps
Antimony	121-1	4007742	4042745	4044085	4031524	0.51	cps
Arsenic	75-2	126122	126533	126060	126239	0.20	cps
Barium	135-1	5601033	5626654	5644010	5623899	0.38	cps
Barium	137-1	9680209	9668049	9726671	9691643	0.32	cps
Beryllium	9-1	565755	569308	569817	568294	0.39	cps
Bismuth	209-1	6297783	6342708	6401287	6347259	0.82	cps
Bismuth	209-2	3678054	3630948	3691867	3666956	0.87	cps
Boron	10-1	64622	67409	66589	66207	2.16	cps
Boron	11-1	318442	329123	330545	326037	2.03	cps
Cadmium	111-1	943166	942223	936379	940589	0.39	cps
Cadmium	106-1	105020	103619	103250	103963	0.90	cps
Cadmium	108-1	67426	66970	68084	67493	0.83	cps
Calcium	43-1	5528711	5560573	5531635	5540306	0.32	cps
Calcium	44-1	88315652	89324394	87553804	88397950	1.00	cps
Chromium	52-2	1067427	1068040	1071541	1069003	0.21	cps
Cobalt	59-2	1687199	1706402	1687942	1693847	0.64	cps
Copper	63-2	2348582	2374552	2362509	2361881	0.55	cps
Dysprosium	156-1	100	258	233	197	43.16	cps
Dysprosium	156-2	67	87	90	81	15.56	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	33	57	30	40	36.33	cps
Gadolinium	160-1	50	175	67	97	69.81	cps
Gadolinium	160-2	107	80	80	89	17.32	cps
Holmium	165-1	10043210	10144688	10064925	10084274	0.53	cps
Holmium	165-2	5124947	5065296	5092663	5094302	0.59	cps
Indium	115-1	7272971	7315519	7294599	7294363	0.29	cps
Indium	115-2	1409706	1400374	1408935	1406338	0.37	cps
Iron	56-2	209470894	208952844	209298810	209240849	0.13	cps
Iron	57-2	5283756	5343663	5301060	5309493	0.58	cps
Lead	206-1	3567132	3577536	3568981	3571216	0.16	cps
Lead	207-1	3257179	3232908	3246435	3245507	0.37	cps
Lead	208-1	14630172	14552516	14654795	14612494	0.37	cps
Lithium	6-1	1403946	1412518	1430826	1415763	0.97	cps
Magnesium	24-2	35438471	35572216	35414025	35474904	0.24	cps
Manganese	55-2	1209384	1217457	1215503	1214115	0.35	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3762662	3783417	3778257	3774779	0.29	cps
Molybdenum	95-1	2048547	2043189	2034877	2042204	0.34	cps
Molybdenum	96-1	2606943	2611426	2616419	2611596	0.18	cps
Molybdenum	97-1	1254549	1260093	1265226	1259956	0.42	cps
Molybdenum	98-1	3293331	3267559	3263147	3274679	0.50	cps
Neodymium	150-1	453	400	567	473	17.98	cps
Neodymium	150-2	67	63	60	63	5.27	cps
Nickel	60-2	436646	441406	438239	438764	0.55	cps
Phosphorus	31-2	32703	33839	32837	33127	1.87	cps
Potassium	39-2	18963239	19102798	19005455	19023831	0.38	cps
Rhodium	103-1	6209172	6212167	6218227	6213189	0.07	cps
Rhodium	103-2	2851065	2833353	2856485	2846968	0.42	cps
Scandium	45-1	4157917	4213614	4180127	4183886	0.67	cps
Scandium	45-2	175374	176173	177242	176263	0.53	cps
Selenium	77-2	2457	2564	2434	2485	2.79	cps
Selenium	78-2	8482	8319	8373	8391	0.99	cps
Selenium	82-1	56447	56277	56741	56489	0.42	cps
Silicon	28-1	2584226	2627648	2617600	2609825	0.87	cps
Silver	109-1	4481466	4510532	4471355	4487784	0.45	cps
Silver	107-1	4670212	4665433	4656627	4664090	0.15	cps
Sodium	23-2	66466272	67284156	66811620	66854016	0.61	cps
Strontium	86-1	1345208	1353544	1350660	1349804	0.31	cps
Strontium	88-1	11754034	11878360	11723352	11785249	0.70	cps
Sulfur	34-1	531545	531926	531545	531672	0.04	cps
Terbium	159-1	10352588	10440376	10525471	10439478	0.83	cps
Terbium	159-2	5038371	5013740	5016604	5022905	0.27	cps
Thallium	203-1	4410480	4404982	4375111	4396857	0.43	cps
Thallium	205-1	10446867	10511246	10514937	10491016	0.36	cps
Tin	118-1	3471957	3460809	3445000	3459255	0.39	cps
Titanium	47-1	518515	519117	523761	520465	0.55	cps
Uranium	238-1	15317966	15326869	15109125	15251320	0.81	cps
Vanadium	51-2	891689	894794	896397	894293	0.27	cps
Yttrium	89-1	7508150	7574543	7672362	7585018	1.09	cps
Yttrium	89-2	1083275	1082045	1082832	1082717	0.06	cps
Zinc	66-2	316623	321486	320770	319626	0.82	cps
Zirconium	90-1	6980568	7088341	7156206	7075038	1.25	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:47:06	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1564409	1572517	1555742	1564223	0.54	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	33	44	28.65	cps
Antimony	121-1	1483	1792	1875	1717	12.02	cps
Arsenic	75-2	20	22	22	22	4.94	cps
Barium	135-1	25	8	25	19	49.50	cps
Barium	137-1	17	25	17	19	24.73	cps
Beryllium	9-1	172	239	250	220	19.09	cps
Bismuth	209-1	7014411	6800539	6975685	6930212	1.64	cps
Bismuth	209-2	4073861	4096036	4083463	4084453	0.27	cps
Boron	10-1	1000	1017	1083	1033	4.27	cps
Boron	11-1	4993	5101	5101	5065	1.24	cps
Cadmium	111-1	1805	1458	1586	1616	10.85	cps
Cadmium	106-1	2567	2075	2275	2306	10.73	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	125	142	125	131	7.37	cps
Calcium	44-1	4743	4076	4709	4509	8.33	cps
Chromium	52-2	423	417	450	430	4.10	cps
Cobalt	59-2	50	50	73	58	23.31	cps
Copper	63-2	1573	1590	1697	1620	4.13	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	60	60	103	74	33.61	cps
Holmium	165-1	10183737	9989338	10162921	10111999	1.06	cps
Holmium	165-2	5132774	5153202	5208708	5164895	0.76	cps
Indium	115-1	7709006	7498994	7669124	7625708	1.46	cps
Indium	115-2	1504734	1507493	1500507	1504245	0.23	cps
Iron	56-2	5729	5907	5835	5824	1.54	cps
Iron	57-2	211	322	228	254	23.62	cps
Lead	206-1	1039	1089	983	1037	5.09	cps
Lead	207-1	922	822	995	913	9.47	cps
Lead	208-1	4228	4489	4245	4321	3.38	cps
Lithium	6-1	1507827	1484351	1508845	1500341	0.92	cps
Magnesium	24-2	1392	1242	1417	1350	7.01	cps
Manganese	55-2	170	167	157	164	4.22	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	800	533	733	689	20.15	cps
Molybdenum	95-1	292	183	283	253	23.85	cps
Molybdenum	96-1	392	275	275	314	21.46	cps
Molybdenum	97-1	192	75	108	125	48.08	cps
Molybdenum	98-1	317	425	233	325	29.57	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	340	363	323	342	5.87	cps
Phosphorus	31-2	92	167	117	125	30.55	cps
Potassium	39-2	25757	26391	25573	25907	1.66	cps
Rhodium	103-1	6783616	6613330	6790756	6729234	1.49	cps
Rhodium	103-2	3174036	3147635	3142795	3154822	0.53	cps
Scandium	45-1	4174812	4075537	4246828	4165725	2.06	cps
Scandium	45-2	178083	177330	178966	178127	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	63	69	59	21.50	cps
Selenium	82-1	-64	-14	27	-17	-268.07	cps
Silicon	28-1	243827	243350	242711	243296	0.23	cps
Silver	109-1	567	692	708	656	11.81	cps
Silver	107-1	767	533	667	656	17.86	cps
Sodium	23-2	19480	20206	18813	19499	3.57	cps
Strontium	86-1	1717	1475	1525	1572	8.11	cps
Strontium	88-1	183	142	125	150	20.03	cps
Sulfur	34-1	240928	241866	243509	242101	0.54	cps
Terbium	159-1	10577133	10456632	10503695	10512487	0.58	cps
Terbium	159-2	5110491	5078297	5114334	5101041	0.39	cps
Thallium	203-1	133	158	217	169	25.24	cps
Thallium	205-1	375	375	375	375	0.00	cps
Tin	118-1	1775	1633	2051	1820	11.66	cps
Titanium	47-1	75	42	50	56	31.22	cps
Uranium	238-1	75	92	50	72	29.04	cps
Vanadium	51-2	20	17	7	14	48.02	cps
Yttrium	89-1	7579408	7466109	7632413	7559310	1.12	cps
Yttrium	89-2	1100299	1097724	1098439	1098821	0.12	cps
Zinc	66-2	263	243	240	249	5.07	cps
Zirconium	90-1	1408	1483	1608	1500	6.74	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 15:57:17	DataFile Name :	033CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	342	442	381	14.08	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MS Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:00:45 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503028	496876	499987	499964	0.62	cps
Antimony	121-1	4292278	4246325	4231184	4256596	0.75	cps
Arsenic	75-2	115231	114794	115377	115134	0.26	cps
Barium	135-1	5519268	5506732	5462706	5496235	0.54	cps
Barium	137-1	9550795	9451966	9379171	9460644	0.91	cps
Beryllium	9-1	511722	498816	491296	500611	2.06	cps
Bismuth	209-1	6639482	6630136	6544893	6604837	0.79	cps
Bismuth	209-2	3634458	3619960	3594437	3616285	0.56	cps
Boron	10-1	74651	75304	76895	75617	1.53	cps
Boron	11-1	379716	381984	377835	379845	0.55	cps
Cadmium	111-1	949668	948467	936071	944735	0.80	cps
Cadmium	106-1	102847	103853	103938	103546	0.59	cps
Cadmium	108-1	67380	68352	67313	67682	0.86	cps
Calcium	43-1	3264965	3233880	3185930	3228259	1.23	cps
Calcium	44-1	51670905	50588807	50197812	50819175	1.50	cps
Chromium	52-2	942585	935664	935839	938029	0.42	cps
Cobalt	59-2	1558936	1546823	1548788	1551516	0.42	cps
Copper	63-2	2192960	2189707	2187010	2189892	0.14	cps
Dysprosium	156-1	217	242	225	228	5.59	cps
Dysprosium	156-2	67	73	53	64	15.81	cps
Erbium	164-1	5101	4768	4784	4884	3.85	cps
Erbium	164-2	2330	2150	2274	2251	4.09	cps
Gadolinium	160-1	450	500	500	483	5.97	cps
Gadolinium	160-2	257	260	243	253	3.48	cps
Holmium	165-1	9930967	9730381	9665279	9775542	1.42	cps
Holmium	165-2	4796646	4788013	4764080	4782913	0.35	cps
Indium	115-1	7247961	7180264	7112269	7180165	0.94	cps
Indium	115-2	1313185	1311323	1312977	1312495	0.08	cps
Iron	56-2	37170408	36935186	36644238	36916611	0.71	cps
Iron	57-2	931402	922978	923889	926090	0.50	cps
Lead	206-1	3678321	3631710	3624102	3644711	0.81	cps
Lead	207-1	3335053	3314855	3311559	3320489	0.38	cps
Lead	208-1	15008743	14987817	14877380	14957980	0.47	cps
Lithium	6-1	1504636	1512150	1501885	1506224	0.35	cps
Magnesium	24-2	7369623	7255586	7271213	7298807	0.85	cps
Manganese	55-2	1051527	1046511	1041359	1046466	0.49	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MS Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:00:45 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3694923	3656332	3609765	3653674	1.17	cps
Molybdenum	95-1	1921581	1899439	1884026	1901682	0.99	cps
Molybdenum	96-1	2487464	2453007	2433424	2457965	1.11	cps
Molybdenum	97-1	1193895	1181761	1165380	1180345	1.21	cps
Molybdenum	98-1	3109159	3070953	3019635	3066582	1.46	cps
Neodymium	150-1	487	527	360	458	19.01	cps
Neodymium	150-2	33	57	60	50	29.06	cps
Nickel	60-2	411684	409960	407534	409726	0.51	cps
Phosphorus	31-2	192	217	142	183	20.83	cps
Potassium	39-2	3420745	3375801	3380645	3392397	0.73	cps
Rhodium	103-1	6089665	6041005	6047726	6059465	0.44	cps
Rhodium	103-2	2694547	2708335	2694829	2699237	0.29	cps
Scandium	45-1	3771692	3717844	3648703	3712746	1.66	cps
Scandium	45-2	149889	147270	147889	148349	0.92	cps
Selenium	77-2	2327	2250	2167	2248	3.56	cps
Selenium	78-2	7654	7910	7811	7792	1.66	cps
Selenium	82-1	56228	56924	55685	56279	1.10	cps
Silicon	28-1	37517499	36588984	35958827	36688437	2.14	cps
Silver	109-1	4397742	4387935	4356080	4380586	0.50	cps
Silver	107-1	4592131	4555106	4532189	4559809	0.66	cps
Sodium	23-2	16088263	15800288	15986047	15958199	0.91	cps
Strontium	86-1	1409575	1401054	1381013	1397214	1.05	cps
Strontium	88-1	12347284	12159512	12009648	12172148	1.39	cps
Sulfur	34-1	419293	414343	404575	412737	1.81	cps
Terbium	159-1	10248499	10119527	10049600	10139209	1.00	cps
Terbium	159-2	4685200	4687691	4664008	4678966	0.28	cps
Thallium	203-1	4567096	4549891	4560654	4559213	0.19	cps
Thallium	205-1	10978799	10805336	10805601	10863245	0.92	cps
Tin	118-1	3244550	3207209	3197566	3216441	0.77	cps
Titanium	47-1	467174	458317	449623	458371	1.91	cps
Uranium	238-1	15395708	15417419	15443869	15418999	0.16	cps
Vanadium	51-2	779703	777378	772605	776562	0.47	cps
Yttrium	89-1	7218275	7120562	7018270	7119036	1.40	cps
Yttrium	89-2	956784	953357	956328	955490	0.19	cps
Zinc	66-2	293839	290479	289950	291423	0.72	cps
Zirconium	90-1	6995048	6983448	6857081	6945192	1.10	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10MS	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:00:45	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1555126	1540284	1522894	1539435	1.05	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MSD Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:04:10 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3153214	3118304	3107035	3126185	0.77	cps
Antimony	121-1	4406799	4398993	4415276	4407023	0.18	cps
Arsenic	75-2	120249	119745	119724	119906	0.25	cps
Barium	135-1	5721528	5676722	5732914	5710388	0.52	cps
Barium	137-1	9836509	9699476	9905324	9813770	1.07	cps
Beryllium	9-1	495832	495123	494288	495081	0.16	cps
Bismuth	209-1	6577069	6669812	6615055	6620645	0.70	cps
Bismuth	209-2	3637272	3628899	3641788	3635986	0.18	cps
Boron	10-1	76443	76987	78613	77348	1.46	cps
Boron	11-1	382637	387464	393759	387953	1.44	cps
Cadmium	111-1	960163	964012	972965	965713	0.68	cps
Cadmium	106-1	105190	106204	105575	105656	0.48	cps
Cadmium	108-1	69519	69750	69436	69568	0.23	cps
Calcium	43-1	3291092	3310751	3298287	3300043	0.30	cps
Calcium	44-1	52094271	52037350	52556969	52229530	0.55	cps
Chromium	52-2	972342	967254	971583	970393	0.28	cps
Cobalt	59-2	1609192	1600856	1597923	1602657	0.36	cps
Copper	63-2	2242611	2230221	2241312	2238048	0.30	cps
Dysprosium	156-1	208	342	167	239	38.27	cps
Dysprosium	156-2	63	63	100	76	28.02	cps
Erbium	164-1	4718	4768	4701	4729	0.73	cps
Erbium	164-2	2400	2327	2304	2344	2.15	cps
Gadolinium	160-1	417	450	525	464	11.96	cps
Gadolinium	160-2	310	330	280	307	8.21	cps
Holmium	165-1	9852913	9987672	10025940	9955508	0.91	cps
Holmium	165-2	4851542	4842988	4837162	4843897	0.15	cps
Indium	115-1	7148665	7150004	7203586	7167418	0.44	cps
Indium	115-2	1313775	1325071	1318617	1319154	0.43	cps
Iron	56-2	38257191	37905212	37826143	37996182	0.60	cps
Iron	57-2	960521	947467	952132	953374	0.69	cps
Lead	206-1	3732110	3819426	3793660	3781732	1.19	cps
Lead	207-1	3392486	3465774	3440079	3432780	1.08	cps
Lead	208-1	15311840	15629632	15449928	15463800	1.03	cps
Lithium	6-1	1491101	1490251	1495319	1492224	0.18	cps
Magnesium	24-2	7514819	7415883	7341322	7424008	1.17	cps
Manganese	55-2	1074003	1071747	1074687	1073479	0.14	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-10MSD Instrumnet Name : P7
 Client Sample ID : KY030OF014-170711MS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:04:10 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3765434	3779006	3783868	3776103	0.25	cps
Molybdenum	95-1	1952060	1963698	1954477	1956745	0.31	cps
Molybdenum	96-1	2513285	2540948	2524315	2526183	0.55	cps
Molybdenum	97-1	1199404	1217337	1207627	1208123	0.74	cps
Molybdenum	98-1	3125068	3143784	3139696	3136183	0.31	cps
Neodymium	150-1	440	480	473	464	4.62	cps
Neodymium	150-2	67	43	30	47	39.77	cps
Nickel	60-2	422007	419351	422247	421202	0.38	cps
Phosphorus	31-2	158	150	117	142	15.56	cps
Potassium	39-2	3487413	3470027	3476855	3478098	0.25	cps
Rhodium	103-1	6078988	6144436	6054850	6092758	0.76	cps
Rhodium	103-2	2728537	2724022	2721107	2724555	0.14	cps
Scandium	45-1	3667089	3656105	3679918	3667704	0.32	cps
Scandium	45-2	148916	148084	147475	148158	0.49	cps
Selenium	77-2	2537	2304	2394	2411	4.88	cps
Selenium	78-2	7787	7952	7704	7815	1.62	cps
Selenium	82-1	57597	57648	57239	57495	0.39	cps
Silicon	28-1	37420643	37436202	37462229	37439691	0.06	cps
Silver	109-1	4412000	4464764	4444813	4440526	0.60	cps
Silver	107-1	4567203	4644774	4594586	4602188	0.85	cps
Sodium	23-2	16603136	16431087	16360317	16464847	0.76	cps
Strontium	86-1	1476715	1450906	1469052	1465558	0.90	cps
Strontium	88-1	12923344	12688700	12824263	12812102	0.92	cps
Sulfur	34-1	401452	396897	399107	399152	0.57	cps
Terbium	159-1	10170439	10305233	10277904	10251192	0.70	cps
Terbium	159-2	4762689	4761583	4757997	4760757	0.05	cps
Thallium	203-1	4682359	4768513	4756813	4735895	0.99	cps
Thallium	205-1	11094053	11401058	11302927	11266013	1.39	cps
Tin	118-1	3308894	3315975	3347698	3324189	0.62	cps
Titanium	47-1	460476	461733	459176	460462	0.28	cps
Uranium	238-1	15925159	16131678	16172015	16076284	0.82	cps
Vanadium	51-2	799904	794841	796839	797195	0.32	cps
Yttrium	89-1	7227207	7062578	7121100	7136961	1.17	cps
Yttrium	89-2	962577	964130	969457	965388	0.37	cps
Zinc	66-2	300284	296444	300921	299216	0.81	cps
Zirconium	90-1	7217657	7099123	7171844	7162875	0.83	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10MSD	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:04:10	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1586166	1584602	1596910	1589226	0.42	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1669024	1681446	1682947	1677806	0.46	cps
Antimony	121-1	4270400	4287955	4319554	4292636	0.58	cps
Arsenic	75-2	116120	116090	115879	116029	0.11	cps
Barium	135-1	5525176	5555914	5635895	5572328	1.03	cps
Barium	137-1	9553101	9660734	9822591	9678809	1.40	cps
Beryllium	9-1	478454	475184	480850	478162	0.59	cps
Bismuth	209-1	6502030	6548306	6549601	6533312	0.41	cps
Bismuth	209-2	3602744	3637134	3627771	3622550	0.49	cps
Boron	10-1	75003	75648	76275	75642	0.84	cps
Boron	11-1	371691	375561	383585	376946	1.61	cps
Cadmium	111-1	947188	952728	958339	952752	0.59	cps
Cadmium	106-1	103123	104610	103317	103683	0.78	cps
Cadmium	108-1	67644	67422	68523	67863	0.86	cps
Calcium	43-1	3180229	3188040	3178150	3182140	0.16	cps
Calcium	44-1	50362365	50291141	50450261	50367922	0.16	cps
Chromium	52-2	941603	945769	938841	942071	0.37	cps
Cobalt	59-2	1559180	1570039	1562708	1563976	0.35	cps
Copper	63-2	2203471	2197898	2197736	2199702	0.15	cps
Dysprosium	156-1	250	267	192	236	16.68	cps
Dysprosium	156-2	93	120	77	97	22.61	cps
Erbium	164-1	4851	4601	4834	4762	2.94	cps
Erbium	164-2	2300	2424	2447	2390	3.30	cps
Gadolinium	160-1	458	525	492	492	6.78	cps
Gadolinium	160-2	243	257	260	253	3.48	cps
Holmium	165-1	9863984	9902241	9987117	9917781	0.64	cps
Holmium	165-2	4800769	4865846	4841797	4836137	0.68	cps
Indium	115-1	7067836	7085379	7150714	7101310	0.62	cps
Indium	115-2	1298014	1303675	1300301	1300663	0.22	cps
Iron	56-2	37131891	37140279	36908848	37060339	0.35	cps
Iron	57-2	930972	932349	933359	932227	0.13	cps
Lead	206-1	3665230	3698690	3719982	3694634	0.75	cps
Lead	207-1	3343546	3351211	3385548	3360101	0.67	cps
Lead	208-1	15121126	15144855	15251921	15172634	0.46	cps
Lithium	6-1	1427887	1443150	1447105	1439381	0.71	cps
Magnesium	24-2	7181661	7235405	7213857	7210307	0.38	cps
Manganese	55-2	1047329	1045410	1045329	1046023	0.11	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3667246	3693676	3708074	3689665	0.56	cps
Molybdenum	95-1	1901870	1930223	1915975	1916023	0.74	cps
Molybdenum	96-1	2456865	2481669	2475537	2471357	0.52	cps
Molybdenum	97-1	1184236	1195909	1195257	1191800	0.55	cps
Molybdenum	98-1	3062304	3075772	3099756	3079277	0.62	cps
Neodymium	150-1	440	520	480	480	8.33	cps
Neodymium	150-2	43	33	20	32	36.33	cps
Nickel	60-2	409654	412094	411964	411237	0.33	cps
Phosphorus	31-2	150	150	75	125	34.64	cps
Potassium	39-2	3358995	3379213	3376551	3371586	0.33	cps
Rhodium	103-1	5991870	6111282	6021179	6041443	1.03	cps
Rhodium	103-2	2704311	2709900	2711903	2708705	0.15	cps
Scandium	45-1	3584844	3589286	3602962	3592364	0.26	cps
Scandium	45-2	144290	146677	144846	145271	0.86	cps
Selenium	77-2	2257	2370	2330	2319	2.48	cps
Selenium	78-2	7598	7724	7817	7713	1.42	cps
Selenium	82-1	56278	56366	56689	56444	0.38	cps
Silicon	28-1	35878010	35917262	35898594	35897955	0.05	cps
Silver	109-1	4323756	4349356	4381620	4351577	0.67	cps
Silver	107-1	4550407	4522938	4578684	4550676	0.61	cps
Sodium	23-2	15806022	16069944	15955985	15943984	0.83	cps
Strontium	86-1	1402592	1415438	1421007	1413013	0.67	cps
Strontium	88-1	12252873	12512176	12584455	12449834	1.40	cps
Sulfur	34-1	388800	383980	388730	387170	0.71	cps
Terbium	159-1	10127740	10284983	10327896	10246873	1.03	cps
Terbium	159-2	4738545	4738052	4758641	4745079	0.25	cps
Thallium	203-1	4586573	4592582	4614991	4598049	0.33	cps
Thallium	205-1	10856163	10926211	10958166	10913513	0.48	cps
Tin	118-1	3220413	3229066	3263943	3237807	0.71	cps
Titanium	47-1	448761	448570	449061	448798	0.06	cps
Uranium	238-1	15469650	15624794	15817132	15637192	1.11	cps
Vanadium	51-2	779425	779146	776508	778360	0.21	cps
Yttrium	89-1	7018957	7132979	7106316	7086084	0.84	cps
Yttrium	89-2	952804	956797	952263	953954	0.26	cps
Zinc	66-2	291690	294699	290862	292417	0.69	cps
Zirconium	90-1	6952534	6977577	7078535	7002882	0.95	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-10A	Instrumnet Name :	P7
Client Sample ID :	KY030OF014-170711A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:07:35	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1548286	1546871	1557351	1550836	0.37	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-12 Instrumnet Name : P7
 Client Sample ID : KY030LC018-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:11:00 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	183	142	178	18.94	cps
Antimony	121-1	10179	10162	10855	10399	3.80	cps
Arsenic	75-2	606	582	613	600	2.74	cps
Barium	135-1	119056	118459	118668	118728	0.26	cps
Barium	137-1	206463	204593	209157	206738	1.11	cps
Beryllium	9-1	722	628	600	650	9.86	cps
Bismuth	209-1	6726244	6753533	6781609	6753795	0.41	cps
Bismuth	209-2	3747212	3742440	3753091	3747581	0.14	cps
Boron	10-1	21633	21666	21867	21722	0.58	cps
Boron	11-1	108822	110367	109669	109620	0.71	cps
Cadmium	111-1	1576	1473	1758	1602	8.99	cps
Cadmium	106-1	2034	1892	2325	2084	10.61	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	1261035	1254572	1250752	1255453	0.41	cps
Calcium	44-1	20227831	20092458	20201021	20173770	0.36	cps
Chromium	52-2	1027	1043	1043	1038	0.93	cps
Cobalt	59-2	507	460	423	463	9.01	cps
Copper	63-2	22254	22434	22267	22318	0.45	cps
Dysprosium	156-1	67	8	33	36	81.06	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	17	30	10	19	53.91	cps
Gadolinium	160-1	50	67	117	78	44.61	cps
Gadolinium	160-2	40	70	87	66	36.08	cps
Holmium	165-1	9868336	10005983	10051392	9975237	0.96	cps
Holmium	165-2	4800525	4827798	4828953	4819092	0.33	cps
Indium	115-1	7261991	7315752	7327752	7301832	0.48	cps
Indium	115-2	1326844	1332926	1338449	1332740	0.44	cps
Iron	56-2	40846	40417	41103	40789	0.85	cps
Iron	57-2	3017	3284	3217	3173	4.37	cps
Lead	206-1	2645	2239	2406	2430	8.39	cps
Lead	207-1	1984	1956	2139	2026	4.88	cps
Lead	208-1	9490	9040	9513	9348	2.85	cps
Lithium	6-1	1416172	1419816	1416330	1417439	0.15	cps
Magnesium	24-2	941558	942664	952698	945640	0.65	cps
Manganese	55-2	10410	10684	10007	10367	3.29	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:11:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4984	4926	4576	4829	4.58	cps
Molybdenum	95-1	4009	4309	3976	4098	4.48	cps
Molybdenum	96-1	5193	4943	5051	5062	2.48	cps
Molybdenum	97-1	2442	2767	2634	2614	6.25	cps
Molybdenum	98-1	6827	6719	6543	6696	2.14	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	1410	1393	1407	1403	0.63	cps
Phosphorus	31-2	150	117	158	142	15.56	cps
Potassium	39-2	422169	426138	424852	424386	0.48	cps
Rhodium	103-1	6162502	6215190	6179121	6185604	0.44	cps
Rhodium	103-2	2760258	2769315	2781618	2770397	0.39	cps
Scandium	45-1	3527339	3551565	3564959	3547955	0.54	cps
Scandium	45-2	143453	141851	144587	143297	0.96	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	63	59	61	61	3.03	cps
Selenium	82-1	68	87	20	58	58.37	cps
Silicon	28-1	20511812	20379800	20355937	20415850	0.41	cps
Silver	109-1	3084	3192	2759	3012	7.49	cps
Silver	107-1	3492	3409	3125	3342	5.75	cps
Sodium	23-2	6263419	6249745	6320174	6277780	0.59	cps
Strontium	86-1	899886	903486	909075	904149	0.51	cps
Strontium	88-1	7919319	7964708	7978621	7954216	0.39	cps
Sulfur	34-1	441263	439397	440276	440312	0.21	cps
Terbium	159-1	10264823	10341111	10359353	10321762	0.49	cps
Terbium	159-2	4734943	4744534	4743221	4740899	0.11	cps
Thallium	203-1	1342	1217	1158	1239	7.56	cps
Thallium	205-1	3217	3276	2775	3089	8.85	cps
Tin	118-1	21292	21801	20966	21353	1.97	cps
Titanium	47-1	542	825	775	714	21.19	cps
Uranium	238-1	17004	17045	17371	17140	1.17	cps
Vanadium	51-2	2970	2987	3124	3027	2.78	cps
Yttrium	89-1	6998977	7064639	7040057	7034558	0.47	cps
Yttrium	89-2	943203	948519	951929	947884	0.46	cps
Zinc	66-2	3674	3957	3987	3873	4.47	cps
Zirconium	90-1	7794	6293	5918	6669	14.89	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:11:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1809	1417	1467	1564	13.63	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-13 Instrumnet Name : P7
 Client Sample ID : LA119SW005-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:14:28 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	125	142	150	20.03	cps
Antimony	121-1	9770	10037	10346	10051	2.86	cps
Arsenic	75-2	578	596	548	574	4.23	cps
Barium	135-1	119276	119871	118352	119166	0.64	cps
Barium	137-1	206929	207706	206302	206979	0.34	cps
Beryllium	9-1	417	350	422	396	10.14	cps
Bismuth	209-1	6745839	6738191	6752657	6745562	0.11	cps
Bismuth	209-2	3703350	3704242	3719286	3708959	0.24	cps
Boron	10-1	20757	20440	20264	20487	1.22	cps
Boron	11-1	104232	107380	107129	106247	1.65	cps
Cadmium	111-1	1547	1458	1390	1465	5.38	cps
Cadmium	106-1	2125	1959	1917	2000	5.51	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	1388532	1385227	1385488	1386415	0.13	cps
Calcium	44-1	22108284	22237576	22422770	22256210	0.71	cps
Chromium	52-2	1503	1470	1597	1523	4.31	cps
Cobalt	59-2	470	437	450	452	3.71	cps
Copper	63-2	31160	31360	31771	31431	0.99	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	27	33	13	24	41.66	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	80	53	70	68	19.88	cps
Holmium	165-1	9917457	10016972	10019718	9984716	0.58	cps
Holmium	165-2	4780480	4786084	4817998	4794854	0.42	cps
Indium	115-1	7314146	7300314	7247054	7287171	0.49	cps
Indium	115-2	1313576	1322373	1327747	1321232	0.54	cps
Iron	56-2	21950	21472	22067	21830	1.45	cps
Iron	57-2	2884	2839	3134	2952	5.38	cps
Lead	206-1	4112	4145	3773	4010	5.14	cps
Lead	207-1	3651	3439	3601	3564	3.10	cps
Lead	208-1	16566	15915	16065	16182	2.10	cps
Lithium	6-1	1400458	1407925	1401290	1403224	0.29	cps
Magnesium	24-2	980273	988022	985814	984703	0.41	cps
Manganese	55-2	12742	12632	12719	12698	0.46	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-13	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:14:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3534	3517	3459	3503	1.12	cps
Molybdenum	95-1	4151	4184	4134	4156	0.61	cps
Molybdenum	96-1	4826	4876	4709	4804	1.78	cps
Molybdenum	97-1	2300	2709	2667	2559	8.78	cps
Molybdenum	98-1	6635	6427	6285	6449	2.73	cps
Neodymium	150-1	67	27	27	40	57.73	cps
Neodymium	150-2	0	20	7	9	114.55	cps
Nickel	60-2	1360	1320	1347	1342	1.52	cps
Phosphorus	31-2	125	158	167	150	14.70	cps
Potassium	39-2	447347	450166	454019	450511	0.74	cps
Rhodium	103-1	6090142	6128340	6134233	6117572	0.39	cps
Rhodium	103-2	2725912	2758628	2758160	2747567	0.68	cps
Scandium	45-1	3522656	3535199	3508239	3522031	0.38	cps
Scandium	45-2	141077	142840	142652	142190	0.68	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	61	56	70	62	12.00	cps
Selenium	82-1	-37	25	121	36	218.32	cps
Silicon	28-1	21198431	21083648	21241865	21174648	0.39	cps
Silver	109-1	2659	2775	2534	2656	4.55	cps
Silver	107-1	2975	2517	2809	2767	8.39	cps
Sodium	23-2	6559599	6589883	6558216	6569233	0.27	cps
Strontium	86-1	961347	970967	968831	967048	0.52	cps
Strontium	88-1	8557757	8532979	8595365	8562034	0.37	cps
Sulfur	34-1	451581	452755	456310	453549	0.54	cps
Terbium	159-1	10307376	10213104	10293498	10271326	0.50	cps
Terbium	159-2	4685885	4718855	4734566	4713102	0.53	cps
Thallium	203-1	350	400	458	403	13.46	cps
Thallium	205-1	867	933	900	900	3.70	cps
Tin	118-1	18095	18730	18797	18541	2.09	cps
Titanium	47-1	567	567	592	575	2.51	cps
Uranium	238-1	18172	18372	18764	18436	1.63	cps
Vanadium	51-2	3077	3114	3014	3068	1.65	cps
Yttrium	89-1	7035773	7034290	7002127	7024063	0.27	cps
Yttrium	89-2	937064	944665	945474	942401	0.49	cps
Zinc	66-2	4351	4474	4361	4395	1.56	cps
Zirconium	90-1	3476	2925	3017	3139	9.39	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-13	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:14:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	600	700	678	10.24	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	83	108	100	14.43	cps
Antimony	121-1	9871	10313	10730	10304	4.17	cps
Arsenic	75-2	298	387	294	327	16.05	cps
Barium	135-1	115114	115317	112781	114404	1.23	cps
Barium	137-1	199209	195473	198971	197885	1.06	cps
Beryllium	9-1	289	383	317	330	14.73	cps
Bismuth	209-1	6662093	6635386	6712760	6670080	0.59	cps
Bismuth	209-2	3687163	3698265	3669049	3684826	0.40	cps
Boron	10-1	26641	27509	26198	26783	2.49	cps
Boron	11-1	133762	137791	137780	136444	1.70	cps
Cadmium	111-1	1477	1543	1235	1418	11.45	cps
Cadmium	106-1	2042	2134	1675	1950	12.44	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	1251904	1240245	1238032	1243394	0.60	cps
Calcium	44-1	19885330	19887075	19928059	19900155	0.12	cps
Chromium	52-2	1363	1310	1357	1343	2.16	cps
Cobalt	59-2	287	283	247	272	8.15	cps
Copper	63-2	18155	19023	18208	18462	2.63	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-1	83	33	33	50	57.75	cps
Gadolinium	160-2	70	43	63	59	23.57	cps
Holmium	165-1	9774179	9792672	10082549	9883133	1.75	cps
Holmium	165-2	4753231	4796899	4747471	4765867	0.57	cps
Indium	115-1	7185576	7142457	7209977	7179337	0.48	cps
Indium	115-2	1295751	1304551	1305552	1301951	0.41	cps
Iron	56-2	11321	11143	10882	11116	1.99	cps
Iron	57-2	2117	2278	2384	2260	5.94	cps
Lead	206-1	3506	3351	3590	3482	3.48	cps
Lead	207-1	2878	3056	2984	2973	3.01	cps
Lead	208-1	13425	13208	14014	13549	3.08	cps
Lithium	6-1	1373078	1380047	1389854	1380993	0.61	cps
Magnesium	24-2	1035479	1044596	1037352	1039142	0.46	cps
Manganese	55-2	757	813	813	794	4.12	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2792	2700	2759	2750	1.69	cps
Molybdenum	95-1	3351	3284	3276	3303	1.25	cps
Molybdenum	96-1	3892	3676	3642	3737	3.63	cps
Molybdenum	97-1	1967	2050	2192	2070	5.50	cps
Molybdenum	98-1	5443	4959	5418	5273	5.16	cps
Neodymium	150-1	40	67	53	53	25.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	690	663	677	677	1.97	cps
Phosphorus	31-2	58	108	58	75	38.49	cps
Potassium	39-2	229284	229074	229100	229153	0.05	cps
Rhodium	103-1	6024903	6131490	6156176	6104190	1.14	cps
Rhodium	103-2	2716473	2722135	2701069	2713226	0.40	cps
Scandium	45-1	3470821	3482409	3472654	3475295	0.18	cps
Scandium	45-2	140579	139196	140266	140014	0.52	cps
Selenium	77-2	3	17	7	9	78.08	cps
Selenium	78-2	70	67	61	66	7.06	cps
Selenium	82-1	174	133	191	166	17.80	cps
Silicon	28-1	30345717	30469320	30282016	30365685	0.31	cps
Silver	109-1	2692	2717	2417	2609	6.38	cps
Silver	107-1	2734	2884	2650	2756	4.29	cps
Sodium	23-2	6748709	6831955	6764395	6781687	0.65	cps
Strontium	86-1	1563458	1585426	1583400	1577428	0.77	cps
Strontium	88-1	13748802	14027085	13898464	13891450	1.00	cps
Sulfur	34-1	420367	415774	416783	417641	0.58	cps
Terbium	159-1	10088990	10205262	10249139	10181130	0.81	cps
Terbium	159-2	4638318	4686889	4677986	4667731	0.55	cps
Thallium	203-1	275	342	475	364	27.98	cps
Thallium	205-1	925	850	758	845	9.89	cps
Tin	118-1	8745	9003	8645	8798	2.10	cps
Titanium	47-1	700	650	692	681	3.94	cps
Uranium	238-1	35508	35566	36369	35814	1.34	cps
Vanadium	51-2	4834	4938	4597	4790	3.64	cps
Yttrium	89-1	6836106	6894252	6938639	6889665	0.75	cps
Yttrium	89-2	923689	928957	929222	927289	0.34	cps
Zinc	66-2	3260	3407	3187	3285	3.41	cps
Zirconium	90-1	2734	2409	2309	2484	8.95	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-14	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:17:56	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	417	583	492	17.20	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-15 Instrumnet Name : P7
 Client Sample ID : KY030LC026-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:21:24 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	92	92	103	18.73	cps
Antimony	121-1	10755	10054	10604	10471	3.52	cps
Arsenic	75-2	493	544	535	524	5.28	cps
Barium	135-1	131997	135159	133335	133497	1.19	cps
Barium	137-1	228932	232188	234557	231892	1.22	cps
Beryllium	9-1	267	289	339	298	12.41	cps
Bismuth	209-1	6628240	6703842	6681795	6671292	0.58	cps
Bismuth	209-2	3664370	3696145	3680269	3680261	0.43	cps
Boron	10-1	21449	22484	22359	22097	2.56	cps
Boron	11-1	109661	112365	112987	111671	1.58	cps
Cadmium	111-1	1386	1538	1426	1450	5.45	cps
Cadmium	106-1	1917	2159	1959	2011	6.42	cps
Cadmium	108-1	21	21	4	15	62.96	cps
Calcium	43-1	1640159	1640258	1651482	1643966	0.40	cps
Calcium	44-1	26496587	26253677	26297372	26349212	0.49	cps
Chromium	52-2	1937	1987	2067	1997	3.28	cps
Cobalt	59-2	347	363	333	348	4.32	cps
Copper	63-2	19890	19894	20555	20113	1.90	cps
Dysprosium	156-1	50	42	0	31	87.67	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	25	17	83	42	87.18	cps
Erbium	164-2	3	27	27	19	71.34	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	80	53	50	61	26.91	cps
Holmium	165-1	9838227	10002823	9969269	9936773	0.88	cps
Holmium	165-2	4754117	4766376	4779374	4766622	0.26	cps
Indium	115-1	7071000	7174685	7190704	7145463	0.91	cps
Indium	115-2	1302908	1313657	1304286	1306950	0.45	cps
Iron	56-2	21016	20926	21121	21021	0.46	cps
Iron	57-2	3356	3378	3034	3256	5.92	cps
Lead	206-1	2734	2711	2817	2754	2.02	cps
Lead	207-1	2417	2667	2517	2534	4.97	cps
Lead	208-1	11302	11652	11452	11469	1.53	cps
Lithium	6-1	1352024	1368585	1370891	1363833	0.75	cps
Magnesium	24-2	1094326	1097174	1098541	1096680	0.20	cps
Manganese	55-2	19593	19677	19964	19745	0.98	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-15	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:21:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3042	2725	3150	2973	7.43	cps
Molybdenum	95-1	3684	3851	3967	3834	3.72	cps
Molybdenum	96-1	4584	4518	4359	4487	2.58	cps
Molybdenum	97-1	2442	2475	2367	2428	2.29	cps
Molybdenum	98-1	6485	6193	6235	6304	2.50	cps
Neodymium	150-1	53	53	33	47	24.74	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1483	1627	1447	1519	6.26	cps
Phosphorus	31-2	92	108	117	106	12.06	cps
Potassium	39-2	513805	514025	509301	512377	0.52	cps
Rhodium	103-1	6034067	6067879	6112532	6071492	0.65	cps
Rhodium	103-2	2709519	2719039	2717001	2715186	0.18	cps
Scandium	45-1	3450490	3466735	3466036	3461087	0.27	cps
Scandium	45-2	140451	140465	138742	139886	0.71	cps
Selenium	77-2	7	7	17	10	57.72	cps
Selenium	78-2	57	74	72	68	13.45	cps
Selenium	82-1	33	70	193	99	84.63	cps
Silicon	28-1	22130167	22081362	22096639	22102723	0.11	cps
Silver	109-1	2442	2309	2275	2342	3.77	cps
Silver	107-1	2542	2442	2242	2409	6.34	cps
Sodium	23-2	7642142	7602632	7617600	7620791	0.26	cps
Strontium	86-1	1037792	1047316	1048453	1044520	0.56	cps
Strontium	88-1	9210615	9312940	9150948	9224834	0.89	cps
Sulfur	34-1	535340	533638	538675	535884	0.48	cps
Terbium	159-1	10039010	10118809	10196960	10118260	0.78	cps
Terbium	159-2	4678194	4679596	4679378	4679056	0.02	cps
Thallium	203-1	217	225	158	200	18.16	cps
Thallium	205-1	500	417	450	456	9.21	cps
Tin	118-1	7978	8003	8128	8036	1.00	cps
Titanium	47-1	408	575	475	486	17.26	cps
Uranium	238-1	23005	24508	24599	24037	3.72	cps
Vanadium	51-2	2944	3140	3087	3057	3.33	cps
Yttrium	89-1	6858307	7013017	6959889	6943738	1.13	cps
Yttrium	89-2	931142	929046	928416	929535	0.15	cps
Zinc	66-2	4567	4524	4627	4573	1.13	cps
Zirconium	90-1	2175	2325	2100	2200	5.21	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-15	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:21:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	483	517	508	4.34	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-16 Instrumnet Name : P7
 Client Sample ID : KY030LC058-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:24:52 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	67	108	38.46	cps
Antimony	121-1	10980	10329	10679	10663	3.05	cps
Arsenic	75-2	465	522	472	486	6.42	cps
Barium	135-1	159447	160348	161140	160312	0.53	cps
Barium	137-1	277280	279635	281117	279344	0.69	cps
Beryllium	9-1	239	239	267	248	6.46	cps
Bismuth	209-1	6648073	6650630	6673257	6657320	0.21	cps
Bismuth	209-2	3573841	3577480	3560125	3570482	0.26	cps
Boron	10-1	22568	22217	23210	22665	2.22	cps
Boron	11-1	113331	115950	116597	115293	1.50	cps
Cadmium	111-1	1539	1551	1376	1489	6.57	cps
Cadmium	106-1	2159	2192	1917	2089	7.19	cps
Cadmium	108-1	8	29	17	18	58.09	cps
Calcium	43-1	1574655	1575235	1569563	1573151	0.20	cps
Calcium	44-1	25433532	25294968	25340435	25356312	0.28	cps
Chromium	52-2	1127	1143	923	1065	11.51	cps
Cobalt	59-2	367	337	327	343	6.06	cps
Copper	63-2	15558	14748	15071	15126	2.70	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	75	25	117	72	63.55	cps
Erbium	164-2	37	30	13	27	45.08	cps
Gadolinium	160-1	33	50	33	39	24.74	cps
Gadolinium	160-2	60	90	77	76	19.89	cps
Holmium	165-1	9801103	9946434	9972261	9906599	0.93	cps
Holmium	165-2	4648597	4646282	4620354	4638411	0.34	cps
Indium	115-1	7122539	7093151	7207858	7141182	0.83	cps
Indium	115-2	1271241	1267660	1257296	1265399	0.57	cps
Iron	56-2	17917	17561	17667	17715	1.03	cps
Iron	57-2	2773	2867	2950	2863	3.11	cps
Lead	206-1	1684	1683	1839	1735	5.18	cps
Lead	207-1	1517	1433	1478	1476	2.83	cps
Lead	208-1	6934	6801	7095	6944	2.12	cps
Lithium	6-1	1338780	1346842	1349566	1345063	0.42	cps
Magnesium	24-2	1081712	1075427	1073659	1076933	0.39	cps
Manganese	55-2	14791	15095	14801	14896	1.16	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:24:52	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3226	3276	3167	3223	1.68	cps
Molybdenum	95-1	4543	4368	4126	4345	4.82	cps
Molybdenum	96-1	4893	4426	4659	4659	5.01	cps
Molybdenum	97-1	2759	2550	2959	2756	7.41	cps
Molybdenum	98-1	7169	7110	7152	7144	0.42	cps
Neodymium	150-1	40	93	80	71	39.03	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	1440	1560	1317	1439	8.46	cps
Phosphorus	31-2	183	192	125	167	21.79	cps
Potassium	39-2	508155	506584	506837	507192	0.17	cps
Rhodium	103-1	6077732	6056764	6063759	6066085	0.18	cps
Rhodium	103-2	2644434	2636126	2616316	2632292	0.55	cps
Scandium	45-1	3444854	3464225	3456321	3455133	0.28	cps
Scandium	45-2	137497	135142	134093	135578	1.29	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	57	52	31	47	29.10	cps
Selenium	82-1	125	65	116	102	31.81	cps
Silicon	28-1	23373451	23486013	23420084	23426516	0.24	cps
Silver	109-1	2209	2359	2309	2292	3.33	cps
Silver	107-1	2292	2334	2259	2295	1.64	cps
Sodium	23-2	7986660	7910480	7856742	7917961	0.82	cps
Strontium	86-1	1051740	1056270	1054354	1054121	0.22	cps
Strontium	88-1	9279468	9334142	9365916	9326508	0.47	cps
Sulfur	34-1	562805	557593	563499	561299	0.58	cps
Terbium	159-1	10145589	10273619	10353205	10257471	1.02	cps
Terbium	159-2	4569342	4543032	4542244	4551539	0.34	cps
Thallium	203-1	175	133	133	147	16.34	cps
Thallium	205-1	492	367	567	475	21.27	cps
Tin	118-1	6760	6819	6869	6816	0.80	cps
Titanium	47-1	708	700	475	628	21.09	cps
Uranium	238-1	29033	29276	30537	29615	2.73	cps
Vanadium	51-2	3370	3594	3504	3489	3.22	cps
Yttrium	89-1	6891252	6970750	6941860	6934621	0.58	cps
Yttrium	89-2	901346	901765	899420	900844	0.14	cps
Zinc	66-2	3030	3104	3247	3127	3.53	cps
Zirconium	90-1	2125	2034	1975	2045	3.70	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-16	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:24:52	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	267	383	367	25.31	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4182-17 Instrumnet Name : P7
 Client Sample ID : KY030LC066-W-170711 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 16:28:21 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	108	50	75	40.06	cps
Antimony	121-1	9854	10004	10371	10076	2.64	cps
Arsenic	75-2	287	228	315	277	16.08	cps
Barium	135-1	187027	184687	187753	186489	0.86	cps
Barium	137-1	321798	323937	330610	325449	1.41	cps
Beryllium	9-1	156	211	222	196	18.20	cps
Bismuth	209-1	6571734	6583536	6618740	6591337	0.37	cps
Bismuth	209-2	3605548	3634666	3619884	3620033	0.40	cps
Boron	10-1	22526	23528	23628	23227	2.62	cps
Boron	11-1	116412	118914	122367	119231	2.51	cps
Cadmium	111-1	1444	1399	1415	1420	1.61	cps
Cadmium	106-1	2009	1942	1967	1972	1.71	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	2075831	2079879	2086101	2080603	0.25	cps
Calcium	44-1	33036304	33416873	33436932	33296703	0.68	cps
Chromium	52-2	3030	3054	3230	3105	3.52	cps
Cobalt	59-2	423	447	493	454	7.84	cps
Copper	63-2	15141	14748	14911	14933	1.32	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	40	67	57	54	24.75	cps
Holmium	165-1	9808004	9768477	9844439	9806974	0.39	cps
Holmium	165-2	4692391	4740188	4742273	4724950	0.60	cps
Indium	115-1	7034456	7066955	7055063	7052158	0.23	cps
Indium	115-2	1274453	1279498	1272058	1275336	0.30	cps
Iron	56-2	18929	19107	19335	19124	1.06	cps
Iron	57-2	3923	3978	4051	3984	1.61	cps
Lead	206-1	1489	1517	1728	1578	8.28	cps
Lead	207-1	1333	1483	1572	1463	8.25	cps
Lead	208-1	6040	6345	6667	6351	4.94	cps
Lithium	6-1	1321220	1331789	1324802	1325937	0.41	cps
Magnesium	24-2	1186827	1190158	1198121	1191702	0.49	cps
Manganese	55-2	21019	20925	21182	21042	0.62	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-17	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:28:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3100	3034	3317	3150	4.70	cps
Molybdenum	95-1	4893	4851	4643	4795	2.79	cps
Molybdenum	96-1	4968	5226	5134	5109	2.56	cps
Molybdenum	97-1	2917	2834	3442	3064	10.77	cps
Molybdenum	98-1	7636	8094	7886	7872	2.92	cps
Neodymium	150-1	60	33	60	51	30.11	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	1570	1723	1700	1665	4.96	cps
Phosphorus	31-2	75	125	117	106	25.38	cps
Potassium	39-2	378619	382766	381210	380865	0.55	cps
Rhodium	103-1	5925203	5991880	5999878	5972320	0.69	cps
Rhodium	103-2	2659843	2672123	2667595	2666520	0.23	cps
Scandium	45-1	3398737	3406385	3405568	3403563	0.12	cps
Scandium	45-2	134914	137299	137322	136511	1.01	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	57	46	76	60	25.00	cps
Selenium	82-1	7	20	33	20	63.79	cps
Silicon	28-1	29933516	29887763	30036604	29952628	0.25	cps
Silver	109-1	2034	2059	2150	2081	2.95	cps
Silver	107-1	2250	2100	2109	2153	3.92	cps
Sodium	23-2	8508103	8517255	8560998	8528785	0.33	cps
Strontium	86-1	1131887	1119219	1122120	1124408	0.59	cps
Strontium	88-1	9903642	9915871	9985391	9934968	0.44	cps
Sulfur	34-1	606320	605010	606103	605811	0.12	cps
Terbium	159-1	10085983	10254098	10239928	10193336	0.91	cps
Terbium	159-2	4623388	4644814	4639446	4635883	0.24	cps
Thallium	203-1	208	208	208	208	0.00	cps
Thallium	205-1	500	417	450	456	9.21	cps
Tin	118-1	6819	7019	7102	6980	2.09	cps
Titanium	47-1	650	625	642	639	1.99	cps
Uranium	238-1	29059	29752	29468	29426	1.18	cps
Vanadium	51-2	3060	3040	3117	3073	1.29	cps
Yttrium	89-1	6868558	6822324	6842449	6844444	0.34	cps
Yttrium	89-2	911059	917433	914186	914226	0.35	cps
Zinc	66-2	3414	3047	3160	3207	5.86	cps
Zirconium	90-1	1533	1667	1550	1583	4.59	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4182-17	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-W-170711	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:28:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	317	350	347	8.43	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3057259	3076098	3076469	3069942	0.36	cps
Antimony	121-1	4339246	4349646	4387504	4358799	0.58	cps
Arsenic	75-2	122878	124071	123603	123517	0.49	cps
Barium	135-1	5409507	5392949	5457208	5419888	0.62	cps
Barium	137-1	9343230	9450226	9467759	9420405	0.72	cps
Beryllium	9-1	554599	554392	556541	555177	0.21	cps
Bismuth	209-1	6085079	5961063	6006663	6017602	1.04	cps
Bismuth	209-2	3520322	3509219	3520870	3516804	0.19	cps
Boron	10-1	63961	63701	66087	64583	2.03	cps
Boron	11-1	315699	321023	324502	320408	1.38	cps
Cadmium	111-1	900127	898884	905824	901612	0.41	cps
Cadmium	106-1	100505	100748	101982	101078	0.78	cps
Cadmium	108-1	65563	64881	65693	65379	0.67	cps
Calcium	43-1	5398538	5432109	5412130	5414259	0.31	cps
Calcium	44-1	85987521	86408498	85413391	85936470	0.58	cps
Chromium	52-2	1032191	1047593	1048134	1042639	0.87	cps
Cobalt	59-2	1642789	1668400	1666678	1659289	0.86	cps
Copper	63-2	2301750	2320397	2322191	2314779	0.49	cps
Dysprosium	156-1	125	133	133	131	3.68	cps
Dysprosium	156-2	90	90	107	96	10.07	cps
Erbium	164-1	83	92	75	83	10.00	cps
Erbium	164-2	43	40	47	43	7.70	cps
Gadolinium	160-1	67	33	92	64	45.81	cps
Gadolinium	160-2	93	83	113	97	15.80	cps
Holmium	165-1	9797556	9715865	9630558	9714660	0.86	cps
Holmium	165-2	4891456	4915651	4949738	4918948	0.60	cps
Indium	115-1	7002079	6851154	6932173	6928469	1.09	cps
Indium	115-2	1349839	1359131	1362032	1357001	0.47	cps
Iron	56-2	204181882	205280066	205085593	204849181	0.29	cps
Iron	57-2	5122675	5194932	5194850	5170819	0.81	cps
Lead	206-1	3439904	3418750	3431104	3429919	0.31	cps
Lead	207-1	3132932	3093164	3107253	3111116	0.65	cps
Lead	208-1	14167961	14048815	14139022	14118599	0.44	cps
Lithium	6-1	1327735	1319003	1332497	1326411	0.52	cps
Magnesium	24-2	34481063	34562975	34714540	34586193	0.34	cps
Manganese	55-2	1172880	1185709	1188731	1182440	0.71	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3627302	3625681	3658497	3637160	0.51	cps
Molybdenum	95-1	1962193	1982213	1976981	1973796	0.53	cps
Molybdenum	96-1	2506534	2551339	2527001	2528291	0.89	cps
Molybdenum	97-1	1219024	1232420	1224974	1225472	0.55	cps
Molybdenum	98-1	3169202	3186584	3145388	3167058	0.65	cps
Neodymium	150-1	560	447	467	491	12.32	cps
Neodymium	150-2	50	43	50	48	8.06	cps
Nickel	60-2	427876	432615	434198	431563	0.76	cps
Phosphorus	31-2	32553	33564	32445	32854	1.88	cps
Potassium	39-2	18521078	18821606	18806222	18716302	0.90	cps
Rhodium	103-1	6036900	5984675	5920429	5980668	0.98	cps
Rhodium	103-2	2754738	2759041	2751091	2754957	0.14	cps
Scandium	45-1	4025419	4001881	3918339	3981880	1.41	cps
Scandium	45-2	168444	170591	172143	170393	1.09	cps
Selenium	77-2	2340	2407	2300	2349	2.29	cps
Selenium	78-2	8264	8247	8136	8215	0.85	cps
Selenium	82-1	54354	54655	54540	54516	0.28	cps
Silicon	28-1	2514248	2542296	2576385	2544310	1.22	cps
Silver	109-1	4315614	4296671	4323367	4311884	0.32	cps
Silver	107-1	4502941	4489244	4478132	4490106	0.28	cps
Sodium	23-2	65198193	65492354	65343968	65344838	0.23	cps
Strontium	86-1	1286529	1295287	1312094	1297970	1.00	cps
Strontium	88-1	11307020	11353508	11463251	11374593	0.71	cps
Sulfur	34-1	522937	517252	517643	519277	0.61	cps
Terbium	159-1	10016204	10030894	9986550	10011216	0.23	cps
Terbium	159-2	4822783	4835811	4802305	4820300	0.35	cps
Thallium	203-1	4265300	4276102	4238236	4259879	0.46	cps
Thallium	205-1	10234703	10136110	10277287	10216033	0.71	cps
Tin	118-1	3333922	3318902	3356810	3336545	0.57	cps
Titanium	47-1	506875	502581	500879	503445	0.61	cps
Uranium	238-1	14775531	14490109	14680100	14648580	0.99	cps
Vanadium	51-2	868103	873190	873033	871442	0.33	cps
Yttrium	89-1	7237296	7213266	7260947	7237170	0.33	cps
Yttrium	89-2	1038330	1039859	1037697	1038628	0.11	cps
Zinc	66-2	309145	315636	314956	313246	1.14	cps
Zirconium	90-1	6824227	6867688	6933187	6875034	0.80	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:36:48	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1499649	1496419	1513000	1503023	0.58	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:46:22	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	42	31	41.66	cps
Antimony	121-1	2292	2467	2384	2381	3.68	cps
Arsenic	75-2	11	22	28	20	41.67	cps
Barium	135-1	17	58	50	42	52.91	cps
Barium	137-1	58	25	42	42	40.00	cps
Beryllium	9-1	511	394	372	426	17.52	cps
Bismuth	209-1	6605354	6628826	6615615	6616599	0.18	cps
Bismuth	209-2	3867744	3860772	3876150	3868222	0.20	cps
Boron	10-1	1725	1575	1392	1564	10.68	cps
Boron	11-1	7736	7661	7310	7569	3.00	cps
Cadmium	111-1	1627	1666	1583	1625	2.55	cps
Cadmium	106-1	2325	2359	2259	2314	2.20	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	125	100	142	122	17.16	cps
Calcium	44-1	4251	4292	4184	4242	1.29	cps
Chromium	52-2	380	400	340	373	8.18	cps
Cobalt	59-2	103	77	120	100	21.86	cps
Copper	63-2	1513	1597	1563	1558	2.69	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	75	67	50	64	19.92	cps
Gadolinium	160-2	70	73	47	63	22.94	cps
Holmium	165-1	9834510	9879849	9758378	9824245	0.62	cps
Holmium	165-2	4920093	4909592	4878897	4902861	0.44	cps
Indium	115-1	7295304	7332879	7295131	7307771	0.30	cps
Indium	115-2	1413876	1414545	1412585	1413669	0.07	cps
Iron	56-2	7152	7374	7358	7295	1.70	cps
Iron	57-2	283	239	233	252	10.88	cps
Lead	206-1	1122	1239	1239	1200	5.61	cps
Lead	207-1	1083	1061	1089	1078	1.36	cps
Lead	208-1	4895	4873	4839	4869	0.57	cps
Lithium	6-1	1395673	1393731	1390312	1393239	0.19	cps
Magnesium	24-2	1000	1075	1150	1075	6.98	cps
Manganese	55-2	197	223	190	203	8.67	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:46:22	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	683	517	614	14.13	cps
Molybdenum	95-1	275	267	308	283	7.78	cps
Molybdenum	96-1	425	433	417	425	1.96	cps
Molybdenum	97-1	250	200	233	228	11.18	cps
Molybdenum	98-1	508	342	467	439	19.76	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	430	393	381	14.70	cps
Phosphorus	31-2	83	58	150	97	48.74	cps
Potassium	39-2	24897	23870	24513	24426	2.12	cps
Rhodium	103-1	6481568	6544691	6487686	6504648	0.54	cps
Rhodium	103-2	2988400	2975188	2979689	2981093	0.23	cps
Scandium	45-1	3931368	3954973	3943629	3943323	0.30	cps
Scandium	45-2	163234	166455	165384	165024	0.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	61	59	57	8.54	cps
Selenium	82-1	189	10	22	74	135.72	cps
Silicon	28-1	234809	232034	237551	234798	1.17	cps
Silver	109-1	533	475	492	500	6.01	cps
Silver	107-1	500	583	608	564	10.06	cps
Sodium	23-2	17219	16351	16293	16621	3.12	cps
Strontium	86-1	1625	1392	1525	1514	7.73	cps
Strontium	88-1	167	117	150	144	17.63	cps
Sulfur	34-1	226675	223908	224146	224910	0.68	cps
Terbium	159-1	10138947	10207015	10249240	10198401	0.55	cps
Terbium	159-2	4857264	4851804	4830999	4846689	0.29	cps
Thallium	203-1	200	167	158	175	12.60	cps
Thallium	205-1	408	425	492	442	9.98	cps
Tin	118-1	1442	1325	1500	1422	6.27	cps
Titanium	47-1	67	75	58	67	12.49	cps
Uranium	238-1	125	100	75	100	25.00	cps
Vanadium	51-2	23	13	30	22	37.76	cps
Yttrium	89-1	7213271	7265253	7252463	7243662	0.37	cps
Yttrium	89-2	1036404	1027261	1028936	1030867	0.47	cps
Zinc	66-2	237	207	187	210	11.98	cps
Zirconium	90-1	1367	1358	1350	1358	0.61	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 16:46:22	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	375	375	325	26.65	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BL	Instrumnet Name :	P7
Client Sample ID :	PB100664BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:10:41	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	525	767	633	642	18.87	cps
Arsenic	75-2	6	9	11	9	32.69	cps
Barium	135-1	58	25	50	44	39.04	cps
Barium	137-1	92	125	117	111	15.61	cps
Beryllium	9-1	189	156	178	174	9.75	cps
Bismuth	209-1	6623534	6660087	6872841	6718820	2.00	cps
Bismuth	209-2	3830564	3814712	3886774	3844017	0.99	cps
Boron	10-1	483	608	633	575	13.98	cps
Boron	11-1	2842	2609	2792	2748	4.47	cps
Cadmium	111-1	1543	1487	1757	1596	8.95	cps
Cadmium	106-1	2192	2109	2509	2270	9.30	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	167	175	158	167	5.00	cps
Calcium	44-1	4134	3967	4084	4062	2.11	cps
Chromium	52-2	383	410	387	393	3.69	cps
Cobalt	59-2	67	50	73	63	18.98	cps
Copper	63-2	953	890	1150	998	13.59	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	75	42	80.00	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	33	58	75	56	37.75	cps
Gadolinium	160-2	67	67	67	67	0.00	cps
Holmium	165-1	9801625	9758767	9934865	9831752	0.93	cps
Holmium	165-2	4849100	4804224	4913399	4855574	1.13	cps
Indium	115-1	7279834	7292338	7493742	7355305	1.63	cps
Indium	115-2	1386137	1383368	1408166	1392557	0.98	cps
Iron	56-2	4773	4773	4840	4795	0.80	cps
Iron	57-2	244	267	256	256	4.35	cps
Lead	206-1	1017	1017	1089	1041	4.01	cps
Lead	207-1	972	956	906	945	3.67	cps
Lead	208-1	4167	4128	4212	4169	1.00	cps
Lithium	6-1	1393775	1387923	1406887	1396195	0.70	cps
Magnesium	24-2	1567	1650	1800	1672	7.07	cps
Manganese	55-2	170	187	183	180	4.90	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : PB100664BL Instrumnet Name : P7
 Client Sample ID : PB100664BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:10:41 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	267	333	308	11.78	cps
Molybdenum	95-1	83	50	125	86	43.64	cps
Molybdenum	96-1	167	167	175	169	2.84	cps
Molybdenum	97-1	83	92	100	92	9.09	cps
Molybdenum	98-1	67	100	67	78	24.74	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	483	513	513	503	3.44	cps
Phosphorus	31-2	142	100	125	122	17.16	cps
Potassium	39-2	24588	24079	24346	24338	1.05	cps
Rhodium	103-1	6418399	6474099	6574377	6488958	1.22	cps
Rhodium	103-2	2942582	2903489	2971165	2939078	1.16	cps
Scandium	45-1	3869427	3905307	4012840	3929192	1.90	cps
Scandium	45-2	162497	163227	163655	163126	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	54	46	48	10.17	cps
Selenium	82-1	-23	29	-92	-29	-209.82	cps
Silicon	28-1	228472	226578	227109	227386	0.43	cps
Silver	109-1	350	392	492	411	17.73	cps
Silver	107-1	342	275	408	342	19.51	cps
Sodium	23-2	12856	13365	12923	13048	2.12	cps
Strontium	86-1	1692	1458	1492	1547	8.16	cps
Strontium	88-1	125	92	183	133	34.80	cps
Sulfur	34-1	235112	235330	234754	235065	0.12	cps
Terbium	159-1	10130129	10234117	10529555	10297934	2.01	cps
Terbium	159-2	4758405	4760106	4850816	4789775	1.10	cps
Thallium	203-1	133	192	133	153	22.05	cps
Thallium	205-1	517	408	375	433	17.09	cps
Tin	118-1	875	950	992	939	6.30	cps
Titanium	47-1	83	67	75	75	11.11	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	20	10	27	19	44.42	cps
Yttrium	89-1	7206079	7164341	7376602	7249007	1.55	cps
Yttrium	89-2	1006878	1005881	1025253	1012671	1.08	cps
Zinc	66-2	120	147	113	127	13.92	cps
Zirconium	90-1	850	1033	817	900	12.96	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BL	Instrumnet Name :	P7
Client Sample ID :	PB100664BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:10:41	DataFile Name :	046CCBE.d

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

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	50	39	24.75	cps
Antimony	121-1	500	325	458	428	21.37	cps
Arsenic	75-2	11	0	15	9	89.21	cps
Barium	135-1	92	50	67	69	30.20	cps
Barium	137-1	125	67	92	94	30.99	cps
Beryllium	9-1	161	200	233	198	18.24	cps
Bismuth	209-1	6614937	6553027	6619722	6595895	0.56	cps
Bismuth	209-2	3790697	3836108	3779756	3802187	0.79	cps
Boron	10-1	425	542	558	508	14.29	cps
Boron	11-1	2450	2517	2434	2467	1.79	cps
Cadmium	111-1	1718	1586	1466	1590	7.94	cps
Cadmium	106-1	2459	2250	2100	2270	7.93	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	158	233	258	217	24.02	cps
Calcium	44-1	5785	5493	5310	5529	4.33	cps
Chromium	52-2	417	363	393	391	6.84	cps
Cobalt	59-2	107	67	97	90	23.13	cps
Copper	63-2	893	853	990	912	7.70	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	47	60	67	58	17.62	cps
Holmium	165-1	9680905	9612530	9680735	9658057	0.41	cps
Holmium	165-2	4817079	4865339	4801564	4827994	0.69	cps
Indium	115-1	7197352	7098286	7202907	7166182	0.82	cps
Indium	115-2	1391201	1384904	1372818	1382974	0.68	cps
Iron	56-2	4367	4206	4340	4304	2.00	cps
Iron	57-2	217	194	172	194	11.43	cps
Lead	206-1	3505781	3530460	3492003	3509415	0.56	cps
Lead	207-1	3159235	3200178	3179885	3179766	0.64	cps
Lead	208-1	14392551	14493439	14461717	14449236	0.36	cps
Lithium	6-1	1367485	1364858	1368097	1366813	0.13	cps
Magnesium	24-2	1483	1684	1550	1572	6.48	cps
Manganese	55-2	213	147	207	189	19.44	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	400	392	353	21.17	cps
Molybdenum	95-1	33	75	100	69	48.50	cps
Molybdenum	96-1	167	158	108	144	21.84	cps
Molybdenum	97-1	50	108	42	67	54.49	cps
Molybdenum	98-1	58	67	100	75	29.40	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	490	393	437	440	11.00	cps
Phosphorus	31-2	142	125	125	131	7.37	cps
Potassium	39-2	23645	23052	22768	23155	1.93	cps
Rhodium	103-1	6350966	6311326	6319436	6327243	0.33	cps
Rhodium	103-2	2898245	2912538	2895582	2902122	0.31	cps
Scandium	45-1	3837013	3837723	3846489	3840408	0.14	cps
Scandium	45-2	159751	158716	159542	159336	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	72	65	64	13.00	cps
Selenium	82-1	-9	-19	-3	-10	-75.33	cps
Silicon	28-1	239455	237237	237046	237913	0.56	cps
Silver	109-1	300	267	300	289	6.66	cps
Silver	107-1	383	283	325	331	15.20	cps
Sodium	23-2	12914	12964	12764	12881	0.81	cps
Strontium	86-1	1392	1433	1267	1364	6.36	cps
Strontium	88-1	233	325	342	300	19.45	cps
Sulfur	34-1	232555	231185	235628	233123	0.98	cps
Terbium	159-1	10151748	10014919	10031044	10065904	0.74	cps
Terbium	159-2	4784579	4778344	4750227	4771050	0.38	cps
Thallium	203-1	183	183	183	183	0.00	cps
Thallium	205-1	458	458	408	442	6.54	cps
Tin	118-1	558	500	533	531	5.52	cps
Titanium	47-1	83	92	67	81	15.80	cps
Uranium	238-1	33	58	58	50	28.88	cps
Vanadium	51-2	20	20	13	18	21.66	cps
Yttrium	89-1	7109426	7064745	7146551	7106907	0.58	cps
Yttrium	89-2	1003913	1012559	1005365	1007279	0.46	cps
Zinc	66-2	300	340	317	319	6.30	cps
Zirconium	90-1	1042	1050	1075	1056	1.64	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	PB100664BS	Instrumnet Name :	P7
Client Sample ID :	PB100664BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:14:10	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	158	225	183	19.81	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-21 Instrumnet Name : P7
 Client Sample ID : DC24618-45-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:17:38 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206479	205811	199850	204047	1.79	cps
Antimony	121-1	7094	7661	7986	7580	5.96	cps
Arsenic	75-2	744	800	746	764	4.13	cps
Barium	135-1	656002	652597	645265	651288	0.84	cps
Barium	137-1	1134799	1136212	1131711	1134241	0.20	cps
Beryllium	9-1	667	578	633	626	7.17	cps
Bismuth	209-1	7104834	7056410	7067241	7076162	0.36	cps
Bismuth	209-2	4028345	3970401	3856687	3951811	2.21	cps
Boron	10-1	1592	1642	1542	1592	3.14	cps
Boron	11-1	6477	7127	6610	6738	5.10	cps
Cadmium	111-1	3944	4155	4094	4064	2.68	cps
Cadmium	106-1	2759	2600	2942	2767	6.18	cps
Cadmium	108-1	375	379	421	392	6.47	cps
Calcium	43-1	165043	165381	164284	164903	0.34	cps
Calcium	44-1	2718735	2685070	2674175	2692660	0.86	cps
Chromium	52-2	7502	7492	7128	7374	2.89	cps
Cobalt	59-2	24394	23933	23062	23796	2.84	cps
Copper	63-2	13428285	13448714	13089244	13322081	1.52	cps
Dysprosium	156-1	8128	8345	7727	8067	3.88	cps
Dysprosium	156-2	3651	3704	3711	3688	0.89	cps
Erbium	164-1	7786	7936	7986	7903	1.32	cps
Erbium	164-2	3761	3487	3447	3565	4.79	cps
Gadolinium	160-1	8795	8378	8737	8637	2.61	cps
Gadolinium	160-2	4541	4311	4401	4417	2.62	cps
Holmium	165-1	10535605	10432541	10466480	10478209	0.50	cps
Holmium	165-2	5186722	5141996	4978445	5102388	2.15	cps
Indium	115-1	7762679	7691913	7720078	7724890	0.46	cps
Indium	115-2	1451910	1437291	1398915	1429372	1.91	cps
Iron	56-2	24077506	24029280	23412189	23839659	1.56	cps
Iron	57-2	600098	597457	579944	592500	1.85	cps
Lead	206-1	936853	920280	920377	925837	1.03	cps
Lead	207-1	791134	780300	778724	783386	0.86	cps
Lead	208-1	3665989	3624375	3616028	3635464	0.74	cps
Lithium	6-1	1442890	1419702	1411538	1424710	1.14	cps
Magnesium	24-2	266970	269911	264924	267268	0.94	cps
Manganese	55-2	4936646	4942384	4809905	4896312	1.53	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-21	Instrumnet Name :	P7
Client Sample ID :	DC24618-45-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:17:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6368	5376	5226	5657	10.97	cps
Molybdenum	95-1	1358	1292	1250	1300	4.20	cps
Molybdenum	96-1	2742	2192	2292	2409	12.17	cps
Molybdenum	97-1	608	683	617	636	6.46	cps
Molybdenum	98-1	2000	1575	1609	1728	13.68	cps
Neodymium	150-1	8176	8209	7636	8007	4.02	cps
Neodymium	150-2	3104	3007	2937	3016	2.78	cps
Nickel	60-2	298686	302011	294703	298467	1.23	cps
Phosphorus	31-2	10571	10663	10996	10743	2.08	cps
Potassium	39-2	138188	139223	135724	137711	1.31	cps
Rhodium	103-1	6720055	6696773	6677593	6698141	0.32	cps
Rhodium	103-2	3045834	3004054	2929048	2992979	1.98	cps
Scandium	45-1	4100123	4024605	4009304	4044677	1.20	cps
Scandium	45-2	164956	160265	155698	160306	2.89	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	54	72	59	62	15.40	cps
Selenium	82-1	56	196	-13	80	133.81	cps
Silicon	28-1	10875778	10857343	10753692	10828938	0.61	cps
Silver	109-1	6960	7169	7619	7249	4.64	cps
Silver	107-1	7711	7627	7894	7744	1.76	cps
Sodium	23-2	2659823	2655496	2582401	2632573	1.65	cps
Strontium	86-1	81741	81774	81858	81791	0.07	cps
Strontium	88-1	708058	702337	695904	702100	0.87	cps
Sulfur	34-1	266131	261999	258785	262305	1.40	cps
Terbium	159-1	10875140	10832408	10902862	10870137	0.33	cps
Terbium	159-2	5091224	5065128	4922478	5026277	1.81	cps
Thallium	203-1	2859	2817	3050	2909	4.28	cps
Thallium	205-1	6794	6594	6852	6746	2.01	cps
Tin	118-1	7311	7611	6977	7299	4.34	cps
Titanium	47-1	102110	100424	100508	101014	0.94	cps
Uranium	238-1	45154	44812	45246	45071	0.51	cps
Vanadium	51-2	6568	6658	6505	6577	1.17	cps
Yttrium	89-1	7710403	7704313	7682594	7699104	0.19	cps
Yttrium	89-2	1060759	1047050	1014648	1040819	2.27	cps
Zinc	66-2	1446379	1451296	1410316	1435997	1.56	cps
Zirconium	90-1	14491	14191	12948	13877	5.90	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-21	Instrumnet Name :	P7
Client Sample ID :	DC24618-45-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:17:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3251	3042	2742	3012	8.49	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:21:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6135	6561	6001	6232	4.68	cps
Antimony	121-1	3000	2859	3042	2967	3.24	cps
Arsenic	75-2	83	102	89	91	10.40	cps
Barium	135-1	46069	45525	45300	45631	0.87	cps
Barium	137-1	79452	77650	81003	79368	2.11	cps
Beryllium	9-1	133	144	156	144	7.69	cps
Bismuth	209-1	7055832	7048612	7027307	7043917	0.21	cps
Bismuth	209-2	3939249	4005555	3978281	3974362	0.84	cps
Boron	10-1	875	750	1050	892	16.90	cps
Boron	11-1	4384	4251	4551	4395	3.42	cps
Cadmium	111-1	1790	1560	1638	1663	7.03	cps
Cadmium	106-1	2492	2142	2217	2284	8.07	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	109940	107430	107119	108163	1.43	cps
Calcium	44-1	1761925	1757245	1735969	1751713	0.79	cps
Chromium	52-2	787	750	813	783	4.06	cps
Cobalt	59-2	487	497	440	474	6.38	cps
Copper	63-2	314722	319977	316640	317113	0.84	cps
Dysprosium	156-1	225	208	258	231	11.04	cps
Dysprosium	156-2	93	63	103	87	24.02	cps
Erbium	164-1	158	150	167	158	5.26	cps
Erbium	164-2	97	150	83	110	32.07	cps
Gadolinium	160-1	192	217	225	211	8.22	cps
Gadolinium	160-2	167	183	167	172	5.59	cps
Holmium	165-1	10415963	10280886	10274064	10323638	0.78	cps
Holmium	165-2	5002946	5077941	5045077	5041988	0.75	cps
Indium	115-1	7682395	7586783	7582894	7617357	0.74	cps
Indium	115-2	1406116	1430480	1411583	1416060	0.90	cps
Iron	56-2	331430	339636	326010	332358	2.06	cps
Iron	57-2	7930	8581	8264	8258	3.94	cps
Lead	206-1	69654	69906	69095	69552	0.60	cps
Lead	207-1	58038	59064	59215	58773	1.09	cps
Lead	208-1	270731	272873	269552	271052	0.62	cps
Lithium	6-1	1378801	1369258	1363691	1370583	0.56	cps
Magnesium	24-2	147696	149497	148217	148470	0.62	cps
Manganese	55-2	69269	69397	69276	69314	0.10	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:21:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	1492	1350	1383	6.95	cps
Molybdenum	95-1	208	183	200	197	6.46	cps
Molybdenum	96-1	458	442	492	464	5.49	cps
Molybdenum	97-1	158	142	150	150	5.56	cps
Molybdenum	98-1	258	250	358	289	20.87	cps
Neodymium	150-1	207	200	193	200	3.33	cps
Neodymium	150-2	63	43	73	60	25.46	cps
Nickel	60-2	6655	6712	6512	6626	1.56	cps
Phosphorus	31-2	2367	1959	1950	2092	11.39	cps
Potassium	39-2	93964	98345	92974	95094	3.01	cps
Rhodium	103-1	6624834	6554644	6572716	6584065	0.55	cps
Rhodium	103-2	2941247	3007728	2955547	2968174	1.18	cps
Scandium	45-1	3891349	3848412	3847469	3862410	0.65	cps
Scandium	45-2	157463	161816	157332	158870	1.61	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	52	48	44	48	7.68	cps
Selenium	82-1	1	-2	-63	-21	-172.31	cps
Silicon	28-1	4495863	4512629	4486327	4498273	0.30	cps
Silver	109-1	2317	2134	2459	2303	7.08	cps
Silver	107-1	2125	2200	2175	2167	1.76	cps
Sodium	23-2	2385477	2387691	2375381	2382850	0.28	cps
Strontium	86-1	47939	47187	47588	47571	0.79	cps
Strontium	88-1	408940	407680	407051	407890	0.24	cps
Sulfur	34-1	250550	244695	246958	247401	1.19	cps
Terbium	159-1	10731415	10589351	10569942	10630236	0.83	cps
Terbium	159-2	4927462	5006246	4973578	4969095	0.80	cps
Thallium	203-1	92	150	108	117	25.76	cps
Thallium	205-1	267	242	367	292	22.68	cps
Tin	118-1	1083	850	800	911	16.60	cps
Titanium	47-1	2475	2367	2825	2556	9.38	cps
Uranium	238-1	1300	1200	1000	1167	13.09	cps
Vanadium	51-2	307	340	263	303	12.67	cps
Yttrium	89-1	7495206	7397196	7364603	7419002	0.92	cps
Yttrium	89-2	1008130	1026868	1011317	1015438	0.99	cps
Zinc	66-2	29938	29918	30245	30033	0.61	cps
Zirconium	90-1	3976	3559	3451	3662	7.57	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:21:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	900	917	895	2.85	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22DUP	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:24:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6135	5810	5885	5943	2.87	cps
Antimony	121-1	2242	2717	2942	2634	13.57	cps
Arsenic	75-2	104	83	76	88	16.41	cps
Barium	135-1	45910	46479	46211	46200	0.62	cps
Barium	137-1	80617	80056	80709	80461	0.44	cps
Beryllium	9-1	144	117	122	128	11.50	cps
Bismuth	209-1	6950402	6981219	6940028	6957216	0.31	cps
Bismuth	209-2	3969747	3950436	3945618	3955267	0.32	cps
Boron	10-1	817	825	767	803	3.93	cps
Boron	11-1	4434	4126	4451	4337	4.22	cps
Cadmium	111-1	1505	1552	1606	1555	3.26	cps
Cadmium	106-1	2100	2134	2200	2145	2.38	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	108235	106968	106246	107150	0.94	cps
Calcium	44-1	1747467	1742479	1744594	1744847	0.14	cps
Chromium	52-2	737	703	717	719	2.33	cps
Cobalt	59-2	450	453	427	443	3.28	cps
Copper	63-2	315789	317750	316443	316661	0.32	cps
Dysprosium	156-1	242	158	158	186	25.85	cps
Dysprosium	156-2	80	70	90	80	12.50	cps
Erbium	164-1	283	233	200	239	17.56	cps
Erbium	164-2	100	100	120	107	10.83	cps
Gadolinium	160-1	350	242	308	300	18.22	cps
Gadolinium	160-2	170	133	210	171	22.41	cps
Holmium	165-1	10292766	10359824	10336174	10329588	0.33	cps
Holmium	165-2	4990486	5009025	5019910	5006474	0.30	cps
Indium	115-1	7659601	7526224	7613844	7599890	0.89	cps
Indium	115-2	1404412	1399401	1399368	1401060	0.21	cps
Iron	56-2	338029	333914	324608	332184	2.07	cps
Iron	57-2	8586	8458	8369	8471	1.29	cps
Lead	206-1	68699	69034	69448	69060	0.54	cps
Lead	207-1	58909	58116	57848	58291	0.95	cps
Lead	208-1	270788	270369	268803	269987	0.39	cps
Lithium	6-1	1360308	1358589	1351485	1356794	0.34	cps
Magnesium	24-2	148965	148453	146080	147833	1.04	cps
Manganese	55-2	68311	68070	67809	68063	0.37	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22DUP	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:24:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1258	1283	1142	1228	6.16	cps
Molybdenum	95-1	225	125	267	206	35.42	cps
Molybdenum	96-1	492	433	375	433	13.46	cps
Molybdenum	97-1	150	167	217	178	19.52	cps
Molybdenum	98-1	275	333	417	342	20.84	cps
Neodymium	150-1	147	233	200	193	22.61	cps
Neodymium	150-2	70	90	77	79	12.91	cps
Nickel	60-2	6652	6648	6518	6606	1.15	cps
Phosphorus	31-2	1850	2175	1834	1953	9.86	cps
Potassium	39-2	94391	92521	91817	92910	1.43	cps
Rhodium	103-1	6559046	6628324	6569144	6585504	0.57	cps
Rhodium	103-2	2950471	2937929	2944296	2944232	0.21	cps
Scandium	45-1	3845233	3844643	3831778	3840551	0.20	cps
Scandium	45-2	155768	153704	154492	154655	0.67	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	43	63	37	48	28.71	cps
Selenium	82-1	-23	-35	29	-10	-352.24	cps
Silicon	28-1	4485420	4519899	4523911	4509744	0.47	cps
Silver	109-1	2150	1884	2000	2011	6.65	cps
Silver	107-1	2109	2267	2292	2222	4.47	cps
Sodium	23-2	2387942	2386898	2369989	2381610	0.42	cps
Strontium	86-1	48324	49670	47663	48552	2.11	cps
Strontium	88-1	412244	411839	407815	410633	0.60	cps
Sulfur	34-1	247023	248421	248413	247952	0.32	cps
Terbium	159-1	10626586	10649372	10626171	10634043	0.12	cps
Terbium	159-2	4921621	4932602	4925949	4926724	0.11	cps
Thallium	203-1	92	92	83	89	5.41	cps
Thallium	205-1	233	233	233	233	0.00	cps
Tin	118-1	758	1000	958	906	14.27	cps
Titanium	47-1	2800	2609	2350	2586	8.73	cps
Uranium	238-1	1150	1350	1150	1217	9.49	cps
Vanadium	51-2	290	300	300	297	1.95	cps
Yttrium	89-1	7437267	7342109	7340071	7373149	0.75	cps
Yttrium	89-2	1006565	1001973	1001290	1003276	0.29	cps
Zinc	66-2	29737	30074	29497	29769	0.97	cps
Zirconium	90-1	3009	3309	2750	3023	9.25	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22DUP	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:24:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	725	608	683	9.53	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22LX5	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 17:28:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	950	1325	1158	16.48	cps
Antimony	121-1	725	525	642	631	15.93	cps
Arsenic	75-2	20	33	24	26	25.75	cps
Barium	135-1	8453	8144	8253	8283	1.89	cps
Barium	137-1	14750	14433	14233	14472	1.80	cps
Beryllium	9-1	150	139	156	148	5.73	cps
Bismuth	209-1	6640716	6623835	6610271	6624941	0.23	cps
Bismuth	209-2	3789158	3783855	3814389	3795801	0.43	cps
Boron	10-1	517	475	600	531	12.00	cps
Boron	11-1	2392	2534	2625	2517	4.67	cps
Cadmium	111-1	1476	1464	1586	1509	4.46	cps
Cadmium	106-1	2084	2075	2250	2136	4.62	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	19822	19872	20173	19956	0.95	cps
Calcium	44-1	324371	325314	322372	324019	0.46	cps
Chromium	52-2	383	500	453	446	13.18	cps
Cobalt	59-2	117	133	137	129	8.31	cps
Copper	63-2	59567	59196	60207	59657	0.86	cps
Dysprosium	156-1	17	67	42	42	60.00	cps
Dysprosium	156-2	17	23	23	21	18.21	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	27	7	43	26	71.82	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	103	103	73	93	18.56	cps
Holmium	165-1	9844299	9752240	9760410	9785650	0.52	cps
Holmium	165-2	4826177	4787974	4830564	4814905	0.49	cps
Indium	115-1	7254916	7087194	7185714	7175941	1.17	cps
Indium	115-2	1362123	1348090	1358174	1356129	0.53	cps
Iron	56-2	65195	63549	63845	64196	1.37	cps
Iron	57-2	1633	1689	1445	1589	8.06	cps
Lead	206-1	13557	13201	12534	13098	3.97	cps
Lead	207-1	10921	11400	11305	11209	2.26	cps
Lead	208-1	51412	52497	51524	51811	1.15	cps
Lithium	6-1	1304638	1299580	1303668	1302629	0.21	cps
Magnesium	24-2	28662	28586	29597	28948	1.94	cps
Manganese	55-2	13146	13006	13193	13115	0.74	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22LX5	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 17:28:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	375	425	364	18.51	cps
Molybdenum	95-1	83	67	83	78	12.37	cps
Molybdenum	96-1	175	150	167	164	7.77	cps
Molybdenum	97-1	58	75	75	69	13.85	cps
Molybdenum	98-1	100	158	100	119	28.19	cps
Neodymium	150-1	33	20	40	31	32.73	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	1517	1500	1547	1521	1.55	cps
Phosphorus	31-2	383	458	475	439	11.13	cps
Potassium	39-2	34967	35786	35251	35335	1.18	cps
Rhodium	103-1	6290764	6260384	6311846	6287665	0.41	cps
Rhodium	103-2	2854562	2836682	2860980	2850742	0.44	cps
Scandium	45-1	3684785	3657586	3685614	3675995	0.43	cps
Scandium	45-2	153256	150902	153071	152410	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	59	52	55	7.02	cps
Selenium	82-1	-24	-5	-6	-12	-92.37	cps
Silicon	28-1	1029137	992194	993005	1004779	2.10	cps
Silver	109-1	817	908	942	889	7.28	cps
Silver	107-1	867	1142	900	970	15.48	cps
Sodium	23-2	462173	457828	459873	459958	0.47	cps
Strontium	86-1	9687	10296	9945	9976	3.06	cps
Strontium	88-1	75625	74377	75976	75326	1.12	cps
Sulfur	34-1	221736	221898	221684	221772	0.05	cps
Terbium	159-1	10084603	10110126	10043419	10079383	0.33	cps
Terbium	159-2	4741250	4691534	4740314	4724366	0.60	cps
Thallium	203-1	83	42	42	56	43.30	cps
Thallium	205-1	225	200	167	197	14.84	cps
Tin	118-1	858	758	708	775	9.86	cps
Titanium	47-1	550	542	592	561	4.77	cps
Uranium	238-1	258	325	333	306	13.45	cps
Vanadium	51-2	53	63	70	62	13.48	cps
Yttrium	89-1	6994181	6986341	7002599	6994373	0.12	cps
Yttrium	89-2	977438	969731	977978	975049	0.47	cps
Zinc	66-2	5541	5681	5454	5559	2.06	cps
Zirconium	90-1	817	950	750	839	12.14	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22LX5	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-14 17:28:03	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	217	175	217	19.23	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MS Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:31:32 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114319	113956	113344	113873	0.43	cps
Antimony	121-1	6913545	6813028	6773223	6833265	1.06	cps
Arsenic	75-2	189500	188736	189369	189202	0.22	cps
Barium	135-1	504265	497440	496570	499425	0.84	cps
Barium	137-1	887781	878888	869485	878718	1.04	cps
Beryllium	9-1	217946	217100	215480	216842	0.58	cps
Bismuth	209-1	6940942	6949963	6869611	6920172	0.64	cps
Bismuth	209-2	3874753	3899820	3909034	3894536	0.46	cps
Boron	10-1	34875	35960	35158	35331	1.59	cps
Boron	11-1	169453	175228	173717	172799	1.73	cps
Cadmium	111-1	407257	406327	403681	405755	0.46	cps
Cadmium	106-1	37200	38662	37651	37838	1.98	cps
Cadmium	108-1	26892	26671	26291	26618	1.14	cps
Calcium	43-1	126832	126058	125479	126123	0.54	cps
Calcium	44-1	2052186	2036166	2028227	2038860	0.60	cps
Chromium	52-2	766052	763177	764740	764656	0.19	cps
Cobalt	59-2	654994	653386	647456	651945	0.61	cps
Copper	63-2	1025191	1025496	1025830	1025506	0.03	cps
Dysprosium	156-1	431377	436279	431737	433131	0.63	cps
Dysprosium	156-2	86681	87449	87328	87153	0.47	cps
Erbium	164-1	283	283	242	269	8.93	cps
Erbium	164-2	93	123	110	109	13.80	cps
Gadolinium	160-1	417	417	342	392	11.05	cps
Gadolinium	160-2	213	150	180	181	17.49	cps
Holmium	165-1	10229462	10283742	10184825	10232676	0.48	cps
Holmium	165-2	4978148	4960595	4980974	4973239	0.22	cps
Indium	115-1	7381445	7401866	7342737	7375349	0.41	cps
Indium	115-2	1353253	1356028	1355793	1355025	0.11	cps
Iron	56-2	5296331	5230887	5204420	5243880	0.90	cps
Iron	57-2	129017	128882	128059	128653	0.40	cps
Lead	206-1	7985698	7971959	7936706	7964788	0.32	cps
Lead	207-1	7160063	7164529	7139453	7154681	0.19	cps
Lead	208-1	32634090	32487633	32211185	32444303	0.66	cps
Lithium	6-1	1374051	1356873	1344100	1358341	1.11	cps
Magnesium	24-2	403667	403055	400695	402472	0.39	cps
Manganese	55-2	290761	288777	286901	288813	0.67	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MS	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:31:32	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	901967	903018	897331	900772	0.34	cps
Molybdenum	95-1	1572668	1571926	1569003	1571199	0.12	cps
Molybdenum	96-1	1680995	1684402	1671270	1678889	0.41	cps
Molybdenum	97-1	978405	971856	972123	974128	0.38	cps
Molybdenum	98-1	2541964	2535940	2525804	2534570	0.32	cps
Neodymium	150-1	280	300	300	293	3.94	cps
Neodymium	150-2	103	60	60	74	33.61	cps
Nickel	60-2	437973	436031	433550	435851	0.51	cps
Phosphorus	31-2	19288	19438	18904	19210	1.43	cps
Potassium	39-2	1451642	1432128	1441267	1441679	0.68	cps
Rhodium	103-1	6490797	6488966	6450752	6476838	0.35	cps
Rhodium	103-2	2906583	2911909	2900975	2906489	0.19	cps
Scandium	45-1	3832515	3819271	3785181	3812322	0.64	cps
Scandium	45-2	153542	153067	153122	153244	0.17	cps
Selenium	77-2	10160	10174	10097	10144	0.40	cps
Selenium	78-2	34528	34264	33745	34179	1.17	cps
Selenium	82-1	247224	245254	244161	245546	0.63	cps
Silicon	28-1	7159698	7202616	7114171	7158828	0.62	cps
Silver	109-1	722108	716363	715027	717833	0.52	cps
Silver	107-1	748939	745382	740961	745094	0.54	cps
Sodium	23-2	3032093	3025929	3022472	3026831	0.16	cps
Strontium	86-1	560040	560440	555761	558747	0.46	cps
Strontium	88-1	4957853	4938573	4895734	4930720	0.64	cps
Sulfur	34-1	237402	238015	233266	236228	1.09	cps
Terbium	159-1	10629099	10631321	10511335	10590585	0.65	cps
Terbium	159-2	4915289	4910746	4894348	4906794	0.22	cps
Thallium	203-1	19748642	19608216	19717073	19691310	0.37	cps
Thallium	205-1	46761620	46182985	46170431	46371679	0.73	cps
Tin	118-1	4978055	4974250	4917045	4956450	0.69	cps
Titanium	47-1	196906	198983	193892	196594	1.30	cps
Uranium	238-1	1308	1125	1242	1225	7.58	cps
Vanadium	51-2	477775	479564	479471	478937	0.21	cps
Yttrium	89-1	7334351	7344658	7269412	7316140	0.56	cps
Yttrium	89-2	991408	994350	990809	992189	0.19	cps
Zinc	66-2	94594	96026	95322	95314	0.75	cps
Zirconium	90-1	15226	13082	11997	13435	12.23	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MS	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:31:32	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3801	3467	2925	3398	13.00	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MSD Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:34:58 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111790	113167	110666	111875	1.12	cps
Antimony	121-1	7035485	6990680	6950135	6992100	0.61	cps
Arsenic	75-2	188146	186561	187775	187494	0.44	cps
Barium	135-1	496957	498962	494822	496914	0.42	cps
Barium	137-1	872964	860889	865608	866487	0.70	cps
Beryllium	9-1	211270	211260	213039	211856	0.48	cps
Bismuth	209-1	6920579	6897696	6894307	6904194	0.21	cps
Bismuth	209-2	3874357	3896603	3889969	3886976	0.29	cps
Boron	10-1	34540	36119	35484	35381	2.25	cps
Boron	11-1	173609	173409	179266	175428	1.90	cps
Cadmium	111-1	399333	400523	395716	398524	0.63	cps
Cadmium	106-1	36523	36832	36757	36704	0.44	cps
Cadmium	108-1	25899	26241	26158	26099	0.68	cps
Calcium	43-1	128420	127934	128285	128213	0.20	cps
Calcium	44-1	2089078	2080458	2090813	2086783	0.27	cps
Chromium	52-2	755400	756051	751868	754440	0.30	cps
Cobalt	59-2	642826	643904	644778	643836	0.15	cps
Copper	63-2	1023932	1024164	1027158	1025085	0.18	cps
Dysprosium	156-1	427384	419772	429775	425644	1.23	cps
Dysprosium	156-2	86909	86218	86845	86658	0.44	cps
Erbium	164-1	275	217	317	269	18.64	cps
Erbium	164-2	123	143	113	127	12.06	cps
Gadolinium	160-1	275	300	408	328	21.62	cps
Gadolinium	160-2	213	210	213	212	0.91	cps
Holmium	165-1	10154716	10058690	10199466	10137624	0.71	cps
Holmium	165-2	4926598	4984763	4986238	4965866	0.68	cps
Indium	115-1	7352923	7338261	7289907	7327030	0.45	cps
Indium	115-2	1350745	1360142	1351525	1354137	0.39	cps
Iron	56-2	5179078	5191074	5175945	5182032	0.15	cps
Iron	57-2	126574	126467	127409	126817	0.41	cps
Lead	206-1	7857101	7819633	7849491	7842075	0.25	cps
Lead	207-1	7064902	6919903	7039149	7007985	1.10	cps
Lead	208-1	31948786	31630128	31843188	31807367	0.51	cps
Lithium	6-1	1347086	1333962	1329123	1336724	0.70	cps
Magnesium	24-2	405343	404327	402613	404094	0.34	cps
Manganese	55-2	288026	289310	287244	288193	0.36	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22MSD Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:34:58 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	913474	905720	909333	909509	0.43	cps
Molybdenum	95-1	1602380	1580892	1591622	1591631	0.68	cps
Molybdenum	96-1	1710286	1698685	1705183	1704718	0.34	cps
Molybdenum	97-1	994371	995610	990717	993566	0.26	cps
Molybdenum	98-1	2588910	2562363	2585657	2578977	0.56	cps
Neodymium	150-1	247	320	320	296	14.32	cps
Neodymium	150-2	63	300	77	147	90.70	cps
Nickel	60-2	430034	434103	430897	431678	0.50	cps
Phosphorus	31-2	18696	19046	19397	19046	1.84	cps
Potassium	39-2	1423268	1439625	1431174	1431355	0.57	cps
Rhodium	103-1	6485088	6429374	6476442	6463635	0.46	cps
Rhodium	103-2	2885653	2888750	2890469	2888291	0.08	cps
Scandium	45-1	3804221	3757016	3801243	3787493	0.70	cps
Scandium	45-2	152303	154047	152791	153047	0.59	cps
Selenium	77-2	10114	10117	10007	10079	0.62	cps
Selenium	78-2	34374	34337	34031	34247	0.55	cps
Selenium	82-1	240371	240156	241483	240670	0.30	cps
Silicon	28-1	7391019	7289257	7323589	7334622	0.71	cps
Silver	109-1	704788	710632	701899	705773	0.63	cps
Silver	107-1	729630	729061	728118	728937	0.10	cps
Sodium	23-2	3102691	3112939	3098667	3104766	0.24	cps
Strontium	86-1	551519	553042	550343	551635	0.25	cps
Strontium	88-1	4871892	4868573	4864094	4868186	0.08	cps
Sulfur	34-1	230708	233239	234914	232954	0.91	cps
Terbium	159-1	10618217	10399685	10571356	10529753	1.09	cps
Terbium	159-2	4872881	4894221	4905447	4890850	0.34	cps
Thallium	203-1	19394126	19144564	19383624	19307438	0.73	cps
Thallium	205-1	45845139	45336328	45411914	45531127	0.60	cps
Tin	118-1	5078516	5064776	5051668	5064986	0.27	cps
Titanium	47-1	199379	198999	199914	199430	0.23	cps
Uranium	238-1	1208	1250	1408	1289	8.19	cps
Vanadium	51-2	472867	473021	473448	473112	0.06	cps
Yttrium	89-1	7320093	7245427	7260357	7275293	0.54	cps
Yttrium	89-2	995442	992281	993366	993696	0.16	cps
Zinc	66-2	95613	96029	94708	95450	0.71	cps
Zirconium	90-1	7319	6927	6877	7041	3.44	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22MSD	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:34:58	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2200	2084	1759	2014	11.37	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-22A Instrumnet Name : P7
 Client Sample ID : DC24618-46-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:38:25 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112605	113788	113216	113203	0.52	cps
Antimony	121-1	6921351	6907079	6899783	6909404	0.16	cps
Arsenic	75-2	188652	189803	189307	189254	0.30	cps
Barium	135-1	496583	499597	498249	498143	0.30	cps
Barium	137-1	875577	873358	873071	874002	0.16	cps
Beryllium	9-1	214449	214870	211288	213535	0.92	cps
Bismuth	209-1	6894153	6840821	6834651	6856541	0.48	cps
Bismuth	209-2	3874473	3852852	3860405	3862577	0.28	cps
Boron	10-1	35309	36128	36086	35841	1.29	cps
Boron	11-1	178119	177724	178551	178131	0.23	cps
Cadmium	111-1	407623	405739	402005	405122	0.71	cps
Cadmium	106-1	37776	37442	37150	37456	0.84	cps
Cadmium	108-1	25974	26788	26429	26397	1.55	cps
Calcium	43-1	127495	125150	127168	126604	1.00	cps
Calcium	44-1	2073066	2064660	2059176	2065634	0.34	cps
Chromium	52-2	760197	763582	760395	761391	0.25	cps
Cobalt	59-2	650284	650817	648389	649830	0.20	cps
Copper	63-2	1030200	1033172	1035021	1032798	0.24	cps
Dysprosium	156-1	433241	432165	424520	429975	1.11	cps
Dysprosium	156-2	88019	88107	87791	87972	0.19	cps
Erbium	164-1	217	183	250	217	15.38	cps
Erbium	164-2	120	113	93	109	12.74	cps
Gadolinium	160-1	442	400	283	375	21.89	cps
Gadolinium	160-2	263	210	183	219	18.61	cps
Holmium	165-1	10165935	10204962	10110737	10160545	0.47	cps
Holmium	165-2	4968452	4924532	4941128	4944704	0.45	cps
Indium	115-1	7323551	7395303	7254536	7324463	0.96	cps
Indium	115-2	1355182	1342571	1348854	1348869	0.47	cps
Iron	56-2	5222013	5244727	5240669	5235803	0.23	cps
Iron	57-2	127504	129667	128579	128583	0.84	cps
Lead	206-1	7851191	7938286	7961835	7917104	0.74	cps
Lead	207-1	7119734	7080311	7100835	7100293	0.28	cps
Lead	208-1	32234878	32249660	32330267	32271602	0.16	cps
Lithium	6-1	1328807	1329813	1319467	1326029	0.43	cps
Magnesium	24-2	399994	402483	404022	402166	0.51	cps
Manganese	55-2	291149	289005	289171	289775	0.41	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22A	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:38:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	905885	902048	906934	904956	0.28	cps
Molybdenum	95-1	1604706	1586994	1596515	1596072	0.56	cps
Molybdenum	96-1	1715071	1690194	1693599	1699621	0.79	cps
Molybdenum	97-1	994225	987307	993504	991679	0.38	cps
Molybdenum	98-1	2565675	2557022	2572013	2564903	0.29	cps
Neodymium	150-1	287	233	267	262	10.28	cps
Neodymium	150-2	120	93	73	96	24.50	cps
Nickel	60-2	434054	435946	433794	434598	0.27	cps
Phosphorus	31-2	19180	19488	19221	19296	0.87	cps
Potassium	39-2	1440104	1436667	1435514	1437428	0.17	cps
Rhodium	103-1	6456078	6474925	6406814	6445939	0.55	cps
Rhodium	103-2	2888609	2873807	2902272	2888230	0.49	cps
Scandium	45-1	3779727	3791032	3752875	3774545	0.52	cps
Scandium	45-2	152539	151845	150390	151591	0.72	cps
Selenium	77-2	9830	9980	10144	9985	1.57	cps
Selenium	78-2	34396	33919	34372	34229	0.79	cps
Selenium	82-1	246569	244121	244237	244976	0.56	cps
Silicon	28-1	7285344	7463138	7242623	7330368	1.60	cps
Silver	109-1	711301	715332	716430	714354	0.38	cps
Silver	107-1	743816	739967	742672	742152	0.27	cps
Sodium	23-2	3060839	3062120	3075594	3066184	0.27	cps
Strontium	86-1	563910	558792	556033	559579	0.71	cps
Strontium	88-1	4954850	4923894	4924987	4934577	0.36	cps
Sulfur	34-1	237698	231353	233588	234213	1.37	cps
Terbium	159-1	10517023	10603319	10528511	10549618	0.44	cps
Terbium	159-2	4889171	4838338	4877308	4868272	0.55	cps
Thallium	203-1	19363399	19570073	19492980	19475484	0.54	cps
Thallium	205-1	45707603	45749905	45873420	45776976	0.19	cps
Tin	118-1	5049397	5058758	5021069	5043075	0.39	cps
Titanium	47-1	200087	198695	198265	199016	0.48	cps
Uranium	238-1	1233	1233	1217	1228	0.78	cps
Vanadium	51-2	478657	479514	479695	479289	0.12	cps
Yttrium	89-1	7340932	7236663	7246389	7274661	0.79	cps
Yttrium	89-2	994296	986558	987245	989366	0.43	cps
Zinc	66-2	96210	95375	96197	95928	0.50	cps
Zirconium	90-1	5476	5360	5335	5390	1.40	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-22A	Instrumnet Name :	P7
Client Sample ID :	DC24618-46-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:38:25	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1584	1617	1642	1614	1.81	cps

LB Number : LB88756 Operator : Jaswal
 Lab Sample ID : I4195-23 Instrumnet Name : P7
 Client Sample ID : DC24618-47-FL1-BRCL1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-14 17:41:52 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132809	132868	130061	131913	1.22	cps
Antimony	121-1	37393	36265	36156	36604	1.87	cps
Arsenic	75-2	557	539	593	563	4.85	cps
Barium	135-1	378196	375505	375523	376408	0.41	cps
Barium	137-1	660878	657183	652083	656715	0.67	cps
Beryllium	9-1	611	728	561	633	13.50	cps
Bismuth	209-1	6879107	6822055	6862180	6854447	0.43	cps
Bismuth	209-2	3884944	3883038	3873210	3880398	0.16	cps
Boron	10-1	3734	3309	3292	3445	7.27	cps
Boron	11-1	16818	16109	16326	16418	2.21	cps
Cadmium	111-1	7890	7834	8028	7917	1.26	cps
Cadmium	106-1	3159	3250	3226	3212	1.48	cps
Cadmium	108-1	688	663	700	683	2.79	cps
Calcium	43-1	137946	135531	134817	136098	1.20	cps
Calcium	44-1	2214243	2200788	2197542	2204191	0.40	cps
Chromium	52-2	4968	4888	4981	4945	1.02	cps
Cobalt	59-2	13406	13286	13433	13375	0.58	cps
Copper	63-2	9545773	9522816	9538683	9535757	0.12	cps
Dysprosium	156-1	4934	5376	4876	5062	5.40	cps
Dysprosium	156-2	2597	2357	2434	2462	4.98	cps
Erbium	164-1	5385	4726	4968	5026	6.63	cps
Erbium	164-2	2594	2464	2470	2509	2.92	cps
Gadolinium	160-1	5260	5468	5326	5351	1.99	cps
Gadolinium	160-2	2844	2860	3137	2947	5.59	cps
Holmium	165-1	10299867	10278891	10208826	10262528	0.46	cps
Holmium	165-2	4994024	4974040	4960458	4976174	0.34	cps
Indium	115-1	7477777	7456410	7451724	7461971	0.19	cps
Indium	115-2	1383597	1387929	1391802	1387776	0.30	cps
Iron	56-2	14532899	14536325	14498377	14522534	0.14	cps
Iron	57-2	357527	357970	359564	358354	0.30	cps
Lead	206-1	1044062	1034973	1032286	1037107	0.60	cps
Lead	207-1	879412	871267	874564	875081	0.47	cps
Lead	208-1	4084656	4042707	4047722	4058362	0.56	cps
Lithium	6-1	1328286	1334583	1331280	1331383	0.24	cps
Magnesium	24-2	204982	208190	207879	207017	0.85	cps
Manganese	55-2	2544639	2559645	2553513	2552599	0.30	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-23	Instrumnet Name :	P7
Client Sample ID :	DC24618-47-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:41:52	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4326	4217	4076	4206	2.98	cps
Molybdenum	95-1	2442	2325	2434	2400	2.71	cps
Molybdenum	96-1	3042	3292	3134	3156	4.01	cps
Molybdenum	97-1	1500	1200	1392	1364	11.14	cps
Molybdenum	98-1	4142	3901	3667	3903	6.09	cps
Neodymium	150-1	5181	5281	5228	5230	0.96	cps
Neodymium	150-2	2034	1944	2017	1998	2.40	cps
Nickel	60-2	51417	51273	51423	51371	0.17	cps
Phosphorus	31-2	7711	7702	7944	7786	1.76	cps
Potassium	39-2	119309	119311	121174	119932	0.90	cps
Rhodium	103-1	6472176	6502833	6481031	6485347	0.24	cps
Rhodium	103-2	2899379	2920418	2907466	2909088	0.36	cps
Scandium	45-1	3798654	3786398	3780090	3788381	0.25	cps
Scandium	45-2	151815	155049	153700	153521	1.06	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	81	44	67	64	29.04	cps
Selenium	82-1	91	53	147	97	48.38	cps
Silicon	28-1	8350185	8218490	8271878	8280184	0.80	cps
Silver	109-1	6927	6543	6227	6566	5.34	cps
Silver	107-1	6844	7094	7169	7035	2.42	cps
Sodium	23-2	2435617	2445109	2436999	2439242	0.21	cps
Strontium	86-1	65408	65081	63634	64708	1.46	cps
Strontium	88-1	554179	551003	549672	551618	0.42	cps
Sulfur	34-1	243704	239588	240764	241352	0.88	cps
Terbium	159-1	10568327	10600357	10572119	10580267	0.17	cps
Terbium	159-2	4881798	4892344	4923478	4899206	0.44	cps
Thallium	203-1	2184	2092	1942	2072	5.89	cps
Thallium	205-1	4960	4960	4818	4912	1.67	cps
Tin	118-1	9404	8661	8795	8953	4.42	cps
Titanium	47-1	60483	61336	61563	61128	0.93	cps
Uranium	238-1	30545	29576	30504	30208	1.81	cps
Vanadium	51-2	4157	4044	4131	4111	1.44	cps
Yttrium	89-1	7426469	7374329	7364005	7388268	0.45	cps
Yttrium	89-2	1007052	1012942	1005328	1008441	0.40	cps
Zinc	66-2	1800036	1807973	1792708	1800239	0.42	cps
Zirconium	90-1	7919	7819	7277	7672	4.50	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	I4195-23	Instrumnet Name :	P7
Client Sample ID :	DC24618-47-FL1-BRCL1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:41:52	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1675	1500	1792	1656	8.87	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2782503	2789600	2799586	2790563	0.31	cps
Antimony	121-1	3970977	4010376	4043669	4008341	0.91	cps
Arsenic	75-2	113861	114487	113651	114000	0.38	cps
Barium	135-1	5106939	5110923	5179255	5132372	0.79	cps
Barium	137-1	8814360	8909690	9054443	8926164	1.35	cps
Beryllium	9-1	497338	502628	507069	502345	0.97	cps
Bismuth	209-1	5855576	5842760	5896937	5865091	0.48	cps
Bismuth	209-2	3386030	3185933	3374885	3315616	3.39	cps
Boron	10-1	58213	58523	58188	58308	0.32	cps
Boron	11-1	278186	287906	292873	286321	2.61	cps
Cadmium	111-1	858311	858803	861132	859415	0.18	cps
Cadmium	106-1	93744	93885	93844	93824	0.08	cps
Cadmium	108-1	61136	61424	61219	61260	0.24	cps
Calcium	43-1	4907783	4965389	4983399	4952190	0.80	cps
Calcium	44-1	77970270	78672483	79197408	78613387	0.78	cps
Chromium	52-2	956087	952808	960734	956543	0.42	cps
Cobalt	59-2	1517256	1531416	1531287	1526653	0.53	cps
Copper	63-2	2113022	2135775	2124130	2124309	0.54	cps
Dysprosium	156-1	200	258	200	219	15.35	cps
Dysprosium	156-2	90	100	63	84	22.45	cps
Erbium	164-1	58	108	8	58	85.72	cps
Erbium	164-2	30	27	40	32	21.53	cps
Gadolinium	160-1	108	58	117	94	33.40	cps
Gadolinium	160-2	70	127	80	92	32.80	cps
Holmium	165-1	9303617	9369167	9471514	9381433	0.90	cps
Holmium	165-2	4701831	4426006	4681232	4603023	3.34	cps
Indium	115-1	6674327	6667060	6713443	6684944	0.37	cps
Indium	115-2	1283889	1208010	1282013	1257971	3.44	cps
Iron	56-2	189291865	190480671	189997765	189923434	0.31	cps
Iron	57-2	4747592	4785632	4783716	4772314	0.45	cps
Lead	206-1	3286247	3325865	3300622	3304245	0.61	cps
Lead	207-1	2971509	3014669	2999440	2995206	0.73	cps
Lead	208-1	13543623	13679528	13683747	13635633	0.58	cps
Lithium	6-1	1249789	1250508	1269350	1256549	0.88	cps
Magnesium	24-2	31664473	31737816	31695042	31699110	0.12	cps
Manganese	55-2	1083275	1089198	1089671	1087381	0.33	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3303704	3335470	3335326	3324833	0.55	cps
Molybdenum	95-1	1830659	1851919	1844830	1842469	0.59	cps
Molybdenum	96-1	2326324	2339032	2349958	2338438	0.51	cps
Molybdenum	97-1	1131580	1138475	1147506	1139187	0.70	cps
Molybdenum	98-1	2937765	2963911	2967660	2956445	0.55	cps
Neodymium	150-1	487	413	480	460	8.82	cps
Neodymium	150-2	60	73	63	66	10.58	cps
Nickel	60-2	391961	395963	397860	395262	0.76	cps
Phosphorus	31-2	29054	29480	30156	29563	1.88	cps
Potassium	39-2	17062195	17121481	17070366	17084680	0.19	cps
Rhodium	103-1	5607773	5666984	5682364	5652374	0.70	cps
Rhodium	103-2	2595867	2455667	2617787	2556441	3.44	cps
Scandium	45-1	3669973	3665817	3708771	3681520	0.64	cps
Scandium	45-2	155958	148585	156452	153665	2.87	cps
Selenium	77-2	2304	2120	2304	2242	4.72	cps
Selenium	78-2	7752	7708	7498	7653	1.77	cps
Selenium	82-1	50663	51532	51354	51183	0.90	cps
Silicon	28-1	2199122	2234094	2248673	2227296	1.14	cps
Silver	109-1	4090347	4081778	4080888	4084338	0.13	cps
Silver	107-1	4194842	4252156	4239458	4228818	0.71	cps
Sodium	23-2	59976697	59902826	60166845	60015456	0.23	cps
Strontium	86-1	1218369	1223466	1233617	1225151	0.63	cps
Strontium	88-1	10683926	10651749	10863654	10733110	1.06	cps
Sulfur	34-1	483222	484245	484745	484071	0.16	cps
Terbium	159-1	9649613	9552530	9820329	9674157	1.40	cps
Terbium	159-2	4595949	4346861	4607477	4516762	3.26	cps
Thallium	203-1	4048242	4102207	4101051	4083833	0.75	cps
Thallium	205-1	9784779	9874488	9870304	9843190	0.51	cps
Tin	118-1	3143012	3159406	3181253	3161224	0.61	cps
Titanium	47-1	451191	462574	466797	460187	1.75	cps
Uranium	238-1	14236062	14196875	14134486	14189141	0.36	cps
Vanadium	51-2	793513	803089	800142	798915	0.61	cps
Yttrium	89-1	6857684	6775783	6934799	6856089	1.16	cps
Yttrium	89-2	973079	913459	978126	954888	3.77	cps
Zinc	66-2	288638	291460	291031	290377	0.52	cps
Zirconium	90-1	6238701	6228919	6286582	6251401	0.49	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:45:18	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1364873	1369970	1374829	1369891	0.36	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	50	53	9.12	cps
Antimony	121-1	11071	10463	9470	10335	7.82	cps
Arsenic	75-2	46	44	69	53	25.24	cps
Barium	135-1	108	33	25	56	82.62	cps
Barium	137-1	150	158	108	139	19.29	cps
Beryllium	9-1	633	606	394	544	24.00	cps
Bismuth	209-1	6609320	6535332	6496861	6547171	0.87	cps
Bismuth	209-2	3814793	3735937	3757913	3769548	1.08	cps
Boron	10-1	2892	2950	2567	2803	7.37	cps
Boron	11-1	14332	13256	12631	13406	6.42	cps
Cadmium	111-1	1721	1554	1447	1574	8.78	cps
Cadmium	106-1	2350	2175	2017	2181	7.65	cps
Cadmium	108-1	4	21	21	15	62.96	cps
Calcium	43-1	250	200	158	203	22.63	cps
Calcium	44-1	4609	4518	4009	4379	7.38	cps
Chromium	52-2	383	327	403	371	10.72	cps
Cobalt	59-2	83	80	97	87	10.18	cps
Copper	63-2	1593	1403	1417	1471	7.21	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	50	83	47	60	33.80	cps
Holmium	165-1	9725160	9708782	9636506	9690149	0.49	cps
Holmium	165-2	4861634	4767278	4778816	4802576	1.07	cps
Indium	115-1	7297489	7285796	7269174	7284153	0.20	cps
Indium	115-2	1393668	1370700	1375885	1380085	0.87	cps
Iron	56-2	9659	9865	9570	9698	1.56	cps
Iron	57-2	372	328	361	354	6.54	cps
Lead	206-1	1228	1311	1472	1337	9.29	cps
Lead	207-1	1289	1328	1278	1298	2.02	cps
Lead	208-1	5506	5584	5717	5602	1.91	cps
Lithium	6-1	1341648	1336647	1330567	1336287	0.42	cps
Magnesium	24-2	1175	800	1142	1039	19.98	cps
Manganese	55-2	193	190	237	207	12.60	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1800	1525	1217	1514	19.28	cps
Molybdenum	95-1	1417	1350	1192	1320	8.76	cps
Molybdenum	96-1	1592	1500	1742	1611	7.57	cps
Molybdenum	97-1	942	875	883	900	4.04	cps
Molybdenum	98-1	2184	2300	2084	2189	4.95	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	360	337	307	334	7.99	cps
Phosphorus	31-2	125	75	50	83	45.83	cps
Potassium	39-2	24137	22819	23436	23464	2.81	cps
Rhodium	103-1	6400588	6368135	6301460	6356728	0.80	cps
Rhodium	103-2	2938114	2860042	2872477	2890211	1.45	cps
Scandium	45-1	3810500	3839554	3781235	3810430	0.77	cps
Scandium	45-2	161597	155543	157577	158239	1.95	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	57	67	56	60	9.94	cps
Selenium	82-1	119	68	53	80	43.41	cps
Silicon	28-1	228266	223665	221138	224356	1.61	cps
Silver	109-1	633	558	650	614	7.95	cps
Silver	107-1	708	575	600	628	11.29	cps
Sodium	23-2	16835	16601	15951	16462	2.78	cps
Strontium	86-1	1534	1534	1458	1508	2.87	cps
Strontium	88-1	283	250	250	261	7.37	cps
Sulfur	34-1	218040	220118	216593	218250	0.81	cps
Terbium	159-1	10230662	10151714	10083189	10155188	0.73	cps
Terbium	159-2	4767447	4696173	4731901	4731840	0.75	cps
Thallium	203-1	775	942	683	800	16.37	cps
Thallium	205-1	1675	1550	1667	1631	4.29	cps
Tin	118-1	4126	3517	3892	3845	7.98	cps
Titanium	47-1	133	67	67	89	43.30	cps
Uranium	238-1	600	500	417	506	18.16	cps
Vanadium	51-2	23	23	57	34	55.89	cps
Yttrium	89-1	7149049	7173897	7136424	7153123	0.27	cps
Yttrium	89-2	1009021	989089	996560	998223	1.01	cps
Zinc	66-2	230	217	147	198	22.63	cps
Zirconium	90-1	2442	2200	2184	2275	6.36	cps

LB Number :	LB88756	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-07-14 17:48:46	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	483	500	494	1.95	cps