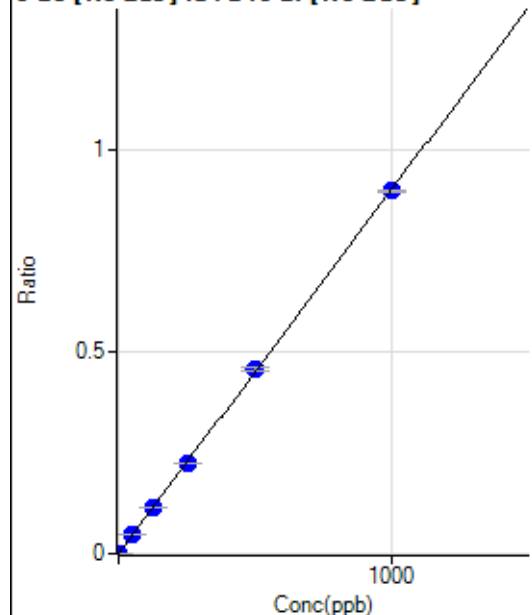


Batch Folder: D:\ICP-MS Data\P7070517B .b\
Analysis File: P7070517B .batch.bin
DA Date-Time: 2017-07-05 15:46:02
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7070517B.D	S00	2017-07-05 12:50:08
2			
3	005CALS P7070517B.D	S02	2017-07-05 12:57:42
4	006CALS P7070517B.D	S03	2017-07-05 13:01:29
5	007CALS P7070517B.D	S04	2017-07-05 13:05:16
6	008CALS P7070517B.D	S05	2017-07-05 13:08:59
7	009CALS P7070517B.D	S06	2017-07-05 13:12:39
8	010CALS P7070517B.D	S07	2017-07-05 13:16:15
9	011CALS P7070517B.D	S08	2017-07-05 13:19:46

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	174.08	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	0.910	1300.09	0.0010	P	8.5
4	☐	50.000	50.480	62482.50	0.0457	P	0.8
5	☐	125.000	126.569	156212.88	0.1144	P	0.5
6	☐	250.000	250.079	312171.14	0.2259	P	0.1
7	☐	500.000	506.134	633028.43	0.4570	P	1.8
8	☐	1000.000	996.693	1205306.12	0.8998	P	0.3
9	☐			1137.11	0.0008	P	6.2

$$y = 9.0262\text{E-}004 * x + 1.3188\text{E-}004$$

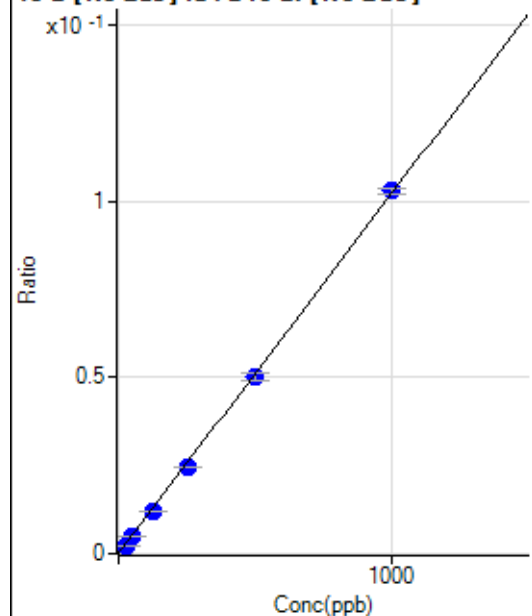
$$R = 1.0000$$

$$DL = 0.05613$$

$$BEC = 0.1461$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0001	P	18.2
2	☐	2.500					
3	☐	25.000	21.361	3122.64	0.0023	P	3.5
4	☐	50.000	46.412	6623.90	0.0048	P	0.5
5	☐	125.000	118.144	16606.88	0.0122	P	1.4
6	☐	250.000	238.734	33802.56	0.0245	P	0.8
7	☐	500.000	491.716	69599.38	0.0503	P	3.8
8	☐	1000.000	1008.086	137858.67	0.1029	P	1.3
9	☐			8263.72	0.0062	P	9.1

$$y = 1.0197\text{E-}004 * x + 1.1154\text{E-}004$$

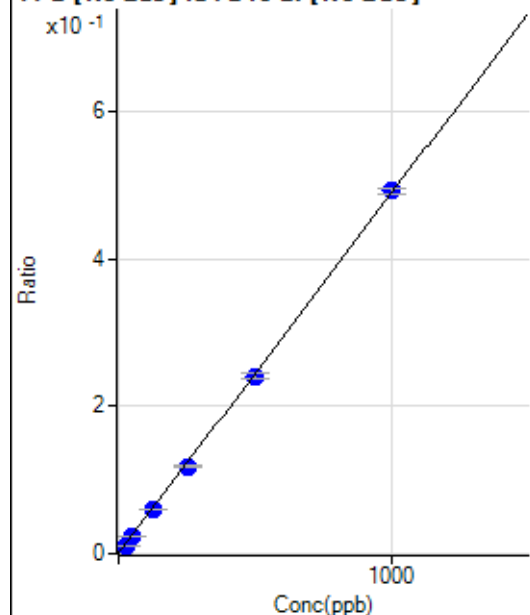
$$R = 0.9999$$

$$DL = 0.5967$$

$$BEC = 1.094$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	738.94	0.0006	P	17.0
2	☐	2.500					
3	☐	25.000	20.821	14640.91	0.0107	P	4.0
4	☐	50.000	48.247	33009.19	0.0241	P	2.9
5	☐	125.000	121.037	81564.20	0.0597	P	1.6
6	☐	250.000	241.541	163949.12	0.1186	P	2.1
7	☐	500.000	492.707	334332.68	0.2414	P	3.3
8	☐	1000.000	1006.449	659764.11	0.4925	P	1.4
9	☐			39488.83	0.0294	P	7.4

$$y = 4.8879\text{E-}004 * x + 5.5986\text{E-}004$$

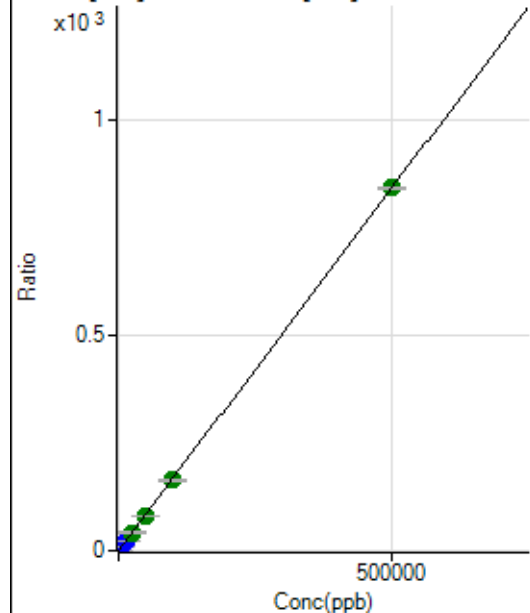
$$R = 0.9999$$

$$DL = 0.5845$$

$$BEC = 1.145$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10351.21	0.0571	P	2.5
2	☐	50.000					
3	☐	500.000	465.762	157108.79	0.8407	P	0.2
4	☐	5000.000	5066.675	1619200.04	8.5814	P	0.7
5	☐	12500.000	12772.639	4070481.65	21.5461	P	0.3
6	☐	25000.000	25020.486	8013767.19	42.1522	A	1.9
7	☐	50000.000	48416.175	16472773.29	81.5138	A	1.3
8	☐	100000.00	96935.289	32236747.25	163.1437	A	1.7
9	☐	500000.00	500762.85	172535867.7	842.5546	A	0.3

$$y = 0.0017 * x + 0.0571$$

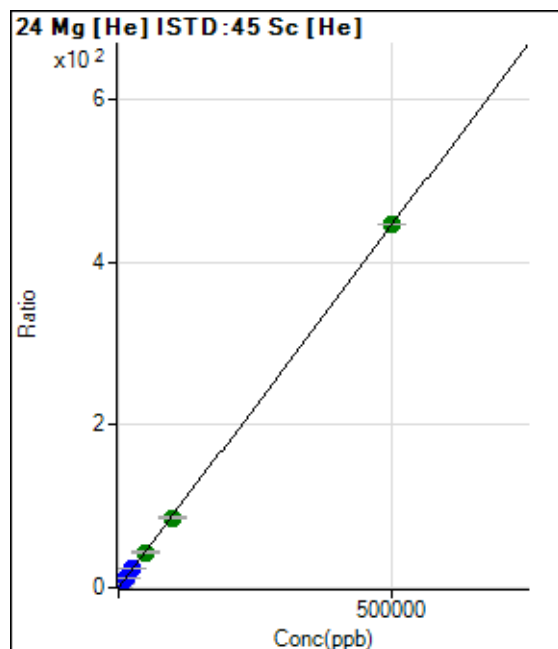
$$R = 1.0000$$

$$DL = 2.566$$

$$BEC = 33.92$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2905.98	0.0160	P	6.3
2	☐	50.000					
3	☐	500.000	452.772	78449.91	0.4198	P	0.9
4	☐	5000.000	5145.703	868880.44	4.6048	P	0.2
5	☐	12500.000	12800.968	2159646.16	11.4316	P	0.4
6	☐	25000.000	25741.561	4367270.50	22.9717	P	1.9
7	☐	50000.000	48807.848	8799177.11	43.5417	A	1.2
8	☐	100000.00	96768.698	17054729.72	86.3121	A	1.9
9	☐	500000.00	500719.46	91444863.85	446.5459	A	0.1

$$y = 8.9178\text{E-}004 * x + 0.0160$$

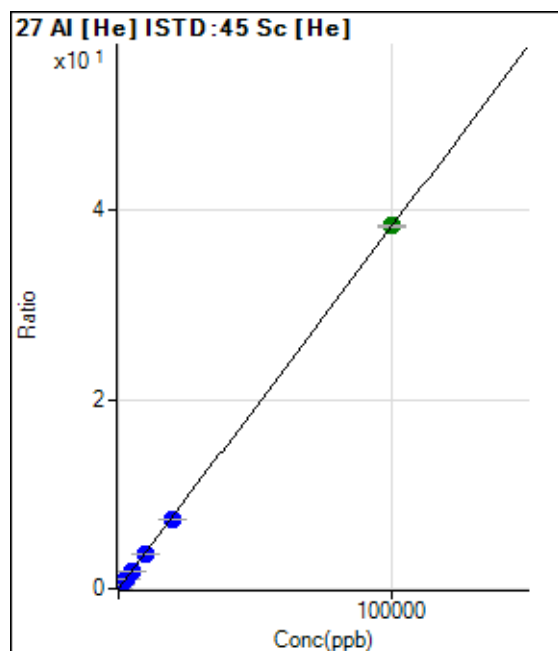
R = 1.0000

DL = 3.409

BEC = 17.97

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	29.0
2	☐	2.000					
3	☐	20.000	19.442	1436.25	0.0077	P	8.7
4	☐	1000.000	984.953	71180.68	0.3772	P	0.8
5	☐	2500.000	2478.125	179240.08	0.9488	P	1.1
6	☐	5000.000	4956.346	360727.31	1.8973	P	1.7
7	☐	10000.000	9499.199	734811.41	3.6361	P	1.1
8	☐	20000.000	19111.813	1445473.97	7.3154	P	1.9
9	☐	100000.00	100230.59	7856039.15	38.3640	A	0.5

$$y = 3.8275\text{E-}004 * x + 2.4515\text{E-}004$$

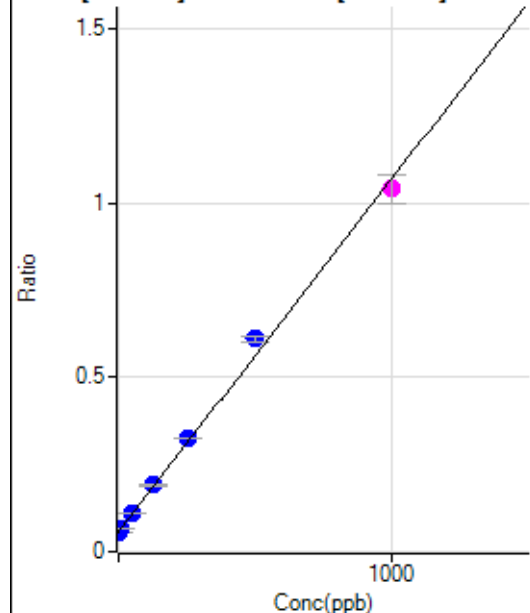
R = 0.9999

DL = 0.5565

BEC = 0.6405

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	228255.64	0.0571	P	1.0
2	☐	1.000					
3	☐	10.000	7.130	266881.40	0.0643	P	0.1
4	☐	50.000	50.895	450256.02	0.1086	P	0.4
5	☐	125.000	132.399	789636.75	0.1911	P	0.9
6	☐	250.000	264.486	1362537.89	0.3249	P	0.7
7	☐	500.000	546.247	2569319.48	0.6102	P	2.9
8	☐	1000.000	972.314	4371705.13	1.0416	M	8.1
9	☐			310173.17	0.0717	P	0.6

$$y = 0.0010 * x + 0.0571$$

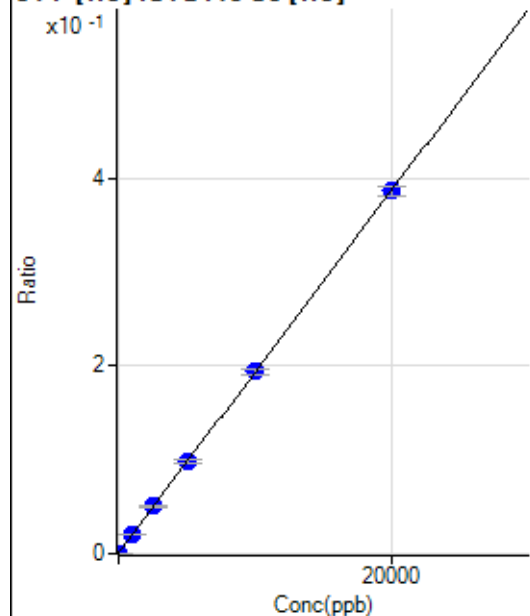
$$R = 0.9982$$

$$DL = 1.77$$

$$BEC = 56.37$$

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	0.156	130.56	0.0007	P	22.5
2	☐	0.000					
3	☐	0.000	-0.156	133.34	0.0007	P	41.2
4	☐	1000.000	1018.971	3847.90	0.0204	P	1.5
5	☐	2500.000	2566.276	9497.85	0.0503	P	4.2
6	☐	5000.000	5042.450	18642.85	0.0981	P	3.2
7	☐	10000.000	9999.350	39160.60	0.1938	P	2.5
8	☐	20000.000	19980.479	76367.87	0.3865	P	2.7
9	☐			186.12	0.0009	P	25.2

$$y = 1.9309E-005 * x + 7.1683E-004$$

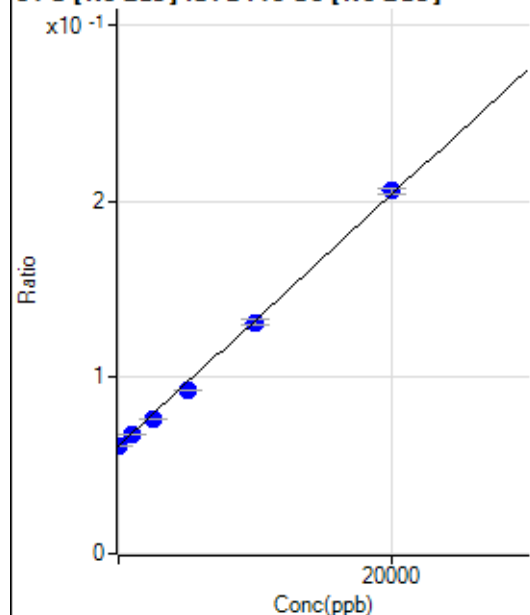
$$R = 1.0000$$

$$DL = 35.44$$

$$BEC = 37.12$$

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	13.100	245453.21	0.0614	P	0.5
2	☐	0.000					
3	☐	0.000	-13.100	253990.02	0.0612	P	1.1
4	☐	1000.000	931.718	281620.22	0.0679	P	0.2
5	☐	2500.000	2091.466	314837.16	0.0762	P	0.3
6	☐	5000.000	4422.141	389361.66	0.0928	P	0.4
7	☐	10000.000	9843.637	553836.66	0.1315	P	2.6
8	☐	20000.000	20277.127	864687.43	0.2060	P	1.5
9	☐			246076.00	0.0569	P	1.1

$$y = 7.1350E-006 * x + 0.0613$$

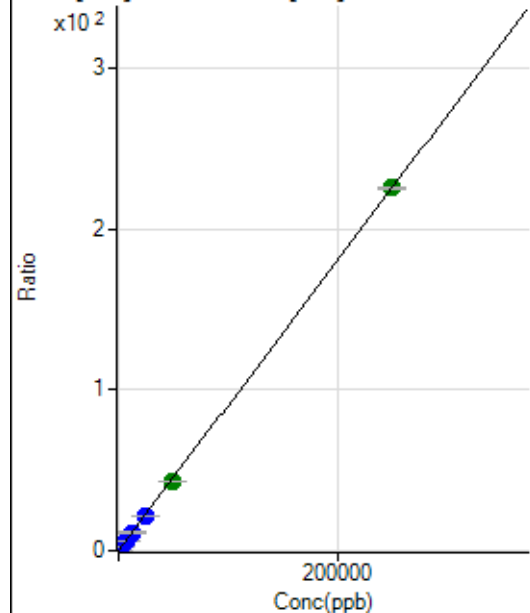
R = 0.9994

DL = 208.9

BEC = 8589

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	23722.54	0.1308	P	4.2
2	☐	50.000					
3	☐	500.000	445.181	99440.19	0.5321	P	0.9
4	☐	2500.000	2475.713	445746.37	2.3623	P	0.7
5	☐	6250.000	6148.676	1071733.39	5.6730	P	0.5
6	☐	12500.000	12445.657	2157478.67	11.3489	P	2.2
7	☐	25000.000	24237.586	4441465.59	21.9777	P	0.9
8	☐	50000.000	47939.945	8564411.65	43.3422	A	1.6
9	☐	250000.00	250493.85	46264896.87	225.9172	A	0.5

$$y = 9.0136E-004 * x + 0.1308$$

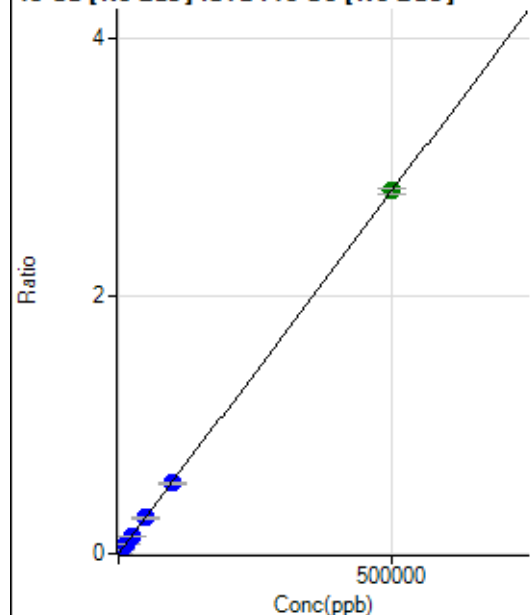
R = 1.0000

DL = 18.47

BEC = 145.1

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	175.01	0.0000	P	20.7
2	☐	50.000					
3	☐	500.000	427.034	10165.04	0.0024	P	2.6
4	☐	5000.000	4873.318	113964.22	0.0275	P	0.8
5	☐	12500.000	12185.410	283699.29	0.0687	P	1.3
6	☐	25000.000	24095.240	569333.19	0.1357	P	0.4
7	☐	50000.000	49343.420	1170504.98	0.2779	P	2.4
8	☐	100000.00	97101.111	2296236.05	0.5469	P	0.9
9	☐	500000.00	500699.87	12194892.11	2.8199	A	1.4

$$y = 5.6319E-006 * x + 4.3759E-005$$

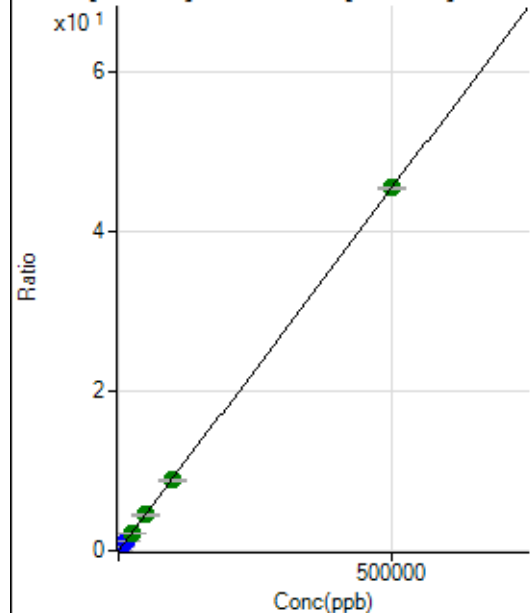
$$R = 1.0000$$

$$DL = 4.828$$

$$BEC = 7.77$$

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	5445.78	0.0014	P	3.3
2	☐	50.000					
3	☐	500.000	428.024	166858.74	0.0402	P	0.6
4	☐	5000.000	4905.829	1850991.25	0.4465	P	0.1
5	☐	12500.000	12385.122	4648219.24	1.1251	P	0.6
6	☐	25000.000	24125.397	9186442.05	2.1903	A	0.7
7	☐	50000.000	49428.841	18892257.71	4.4862	A	2.5
8	☐	100000.00	96955.315	36939635.55	8.7984	A	1.1
9	☐	500000.00	500713.66	196476641.8	45.4326	A	0.8

$$y = 9.0733E-005 * x + 0.0014$$

$$R = 1.0000$$

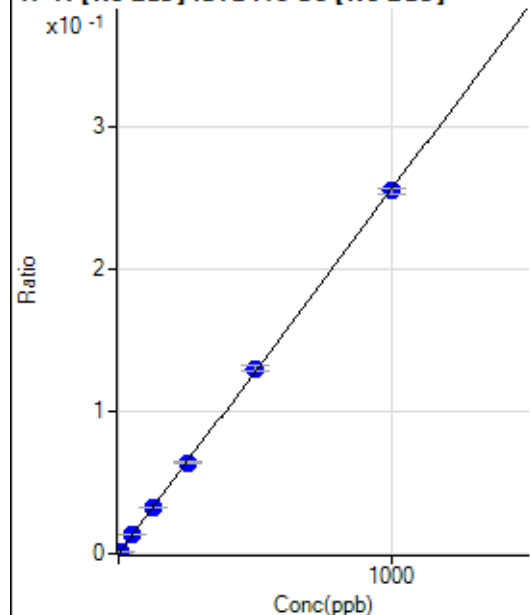
$$DL = 1.495$$

$$BEC = 15.01$$

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	80.56	0.0000	P	29.8
2	☐	0.500					
3	☐	5.000	4.343	4695.38	0.0011	P	5.2
4	☐	50.000	50.297	53422.67	0.0129	P	0.2
5	☐	125.000	125.152	132350.19	0.0320	P	1.0
6	☐	250.000	249.314	267562.76	0.0638	P	1.1
7	☐	500.000	509.004	548314.62	0.1302	P	3.4
8	☐	1000.000	995.639	1069348.82	0.2547	P	1.4
9	☐			1902.98	0.0004	P	12.9

$$y = 2.5580E-004 * x + 2.0143E-005$$

$$R = 0.9999$$

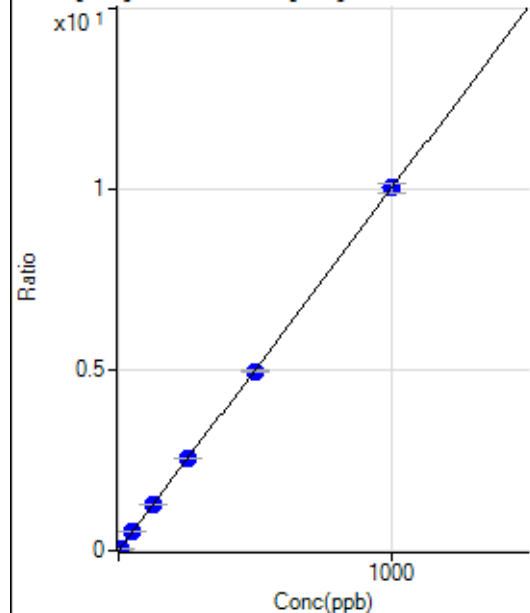
$$DL = 0.07045$$

$$BEC = 0.07874$$

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	14.45	0.0001	P	47.5
2	☐	0.500					
3	☐	5.000	4.608	8638.19	0.0462	P	0.5
4	☐	50.000	51.224	96802.26	0.5130	P	0.4
5	☐	125.000	127.407	241048.21	1.2759	P	0.5
6	☐	250.000	254.830	485156.57	2.5519	P	2.0
7	☐	500.000	494.217	1000164.15	4.9492	P	1.1
8	☐	1000.000	1001.324	1981240.84	10.0273	P	2.3
9	☐			1054.50	0.0052	P	2.3

$$y = 0.0100 * x + 7.9483E-005$$

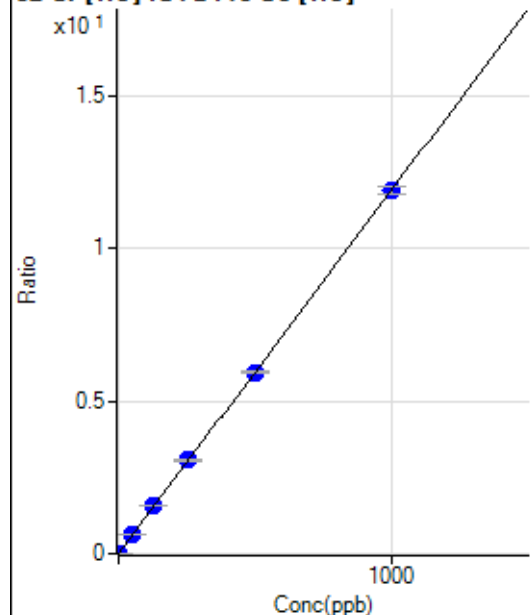
$$R = 1.0000$$

$$DL = 0.0113$$

$$BEC = 0.007937$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	514.46	0.0028	P	8.2
2	☐	0.200					
3	☐	2.000	2.002	4988.70	0.0267	P	1.9
4	☐	50.000	52.419	118419.62	0.6276	P	0.4
5	☐	125.000	129.504	292137.59	1.5464	P	0.1
6	☐	250.000	257.862	584797.61	3.0762	P	2.3
7	☐	500.000	498.340	1200897.85	5.9424	P	0.9
8	☐	1000.000	998.180	2351268.26	11.8999	P	2.2
9	☐			59029.93	0.2883	P	0.7

$$y = 0.0119 * x + 0.0028$$

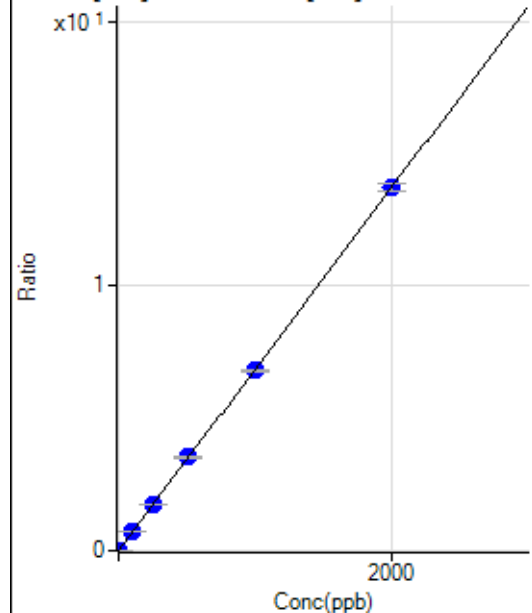
$$R = 1.0000$$

$$DL = 0.05872$$

$$BEC = 0.2379$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	215.56	0.0012	P	5.5
2	☐	0.100					
3	☐	1.000	0.940	1425.65	0.0076	P	5.7
4	☐	100.000	103.982	134640.03	0.7136	P	0.4
5	☐	250.000	258.124	334307.54	1.7696	P	0.1
6	☐	500.000	515.555	671678.15	3.5332	P	2.2
7	☐	1000.000	991.521	1372989.20	6.7940	P	1.0
8	☐	2000.000	1999.136	2706402.43	13.6971	P	2.1
9	☐			11700.36	0.0571	P	1.1

$$y = 0.0069 * x + 0.0012$$

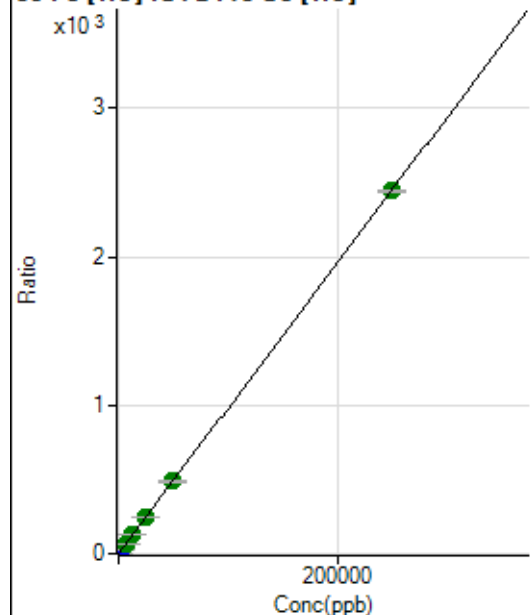
$$R = 1.0000$$

$$DL = 0.0286$$

$$BEC = 0.1735$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3641.30	0.0201	P	1.4
2	☐	5.000					
3	☐	50.000	48.222	91818.89	0.4913	P	0.5
4	☐	2500.000	2689.064	4962083.27	26.2980	P	0.6
5	☐	6250.000	6550.943	12097819.13	64.0369	A	0.3
6	☐	12500.000	13049.921	24247402.16	127.5459	A	2.1
7	☐	25000.000	25073.328	49519904.81	245.0405	A	1.0
8	☐	50000.000	50167.744	96872318.83	490.2669	A	2.0
9	☐	250000.00	249922.20	500114574.1	2,442.298	A	0.7

$$y = 0.0098 * x + 0.0201$$

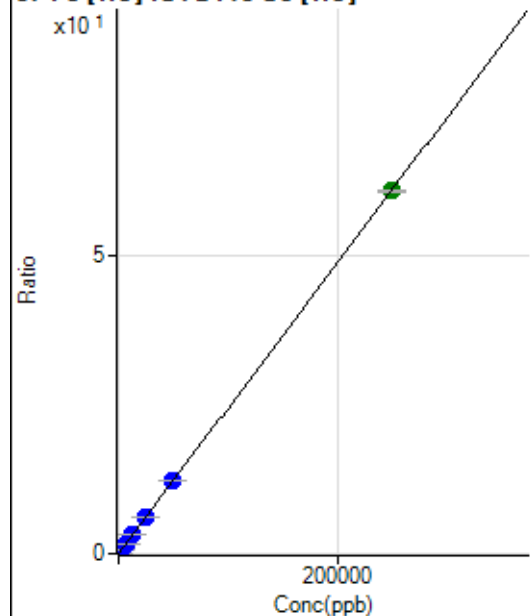
$$R = 1.0000$$

$$DL = 0.08932$$

$$BEC = 2.055$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0010	P	12.5
2	☐	5.000					
3	☐	50.000	45.826	2281.73	0.0122	P	6.8
4	☐	2500.000	2653.862	122243.13	0.6479	P	0.3
5	☐	6250.000	6536.572	301169.69	1.5942	P	0.4
6	☐	12500.000	13026.620	603773.17	3.1760	P	2.2
7	☐	25000.000	25118.268	1237373.94	6.1230	P	1.2
8	☐	50000.000	50363.851	2425550.63	12.2760	P	2.3
9	☐	250000.00	249880.37	12471536.27	60.9033	A	0.4

$$y = 2.4373E-004 * x + 0.0010$$

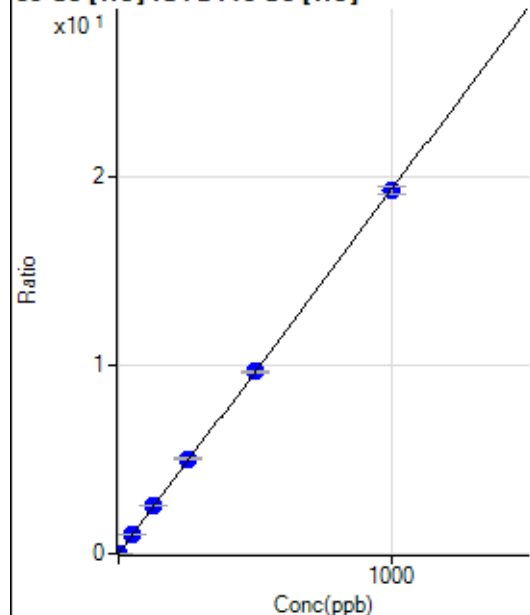
$$R = 1.0000$$

$$DL = 1.606$$

$$BEC = 4.27$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	203.34	0.0011	P	18.9
2	☐	0.100					
3	☐	1.000	0.933	3577.16	0.0191	P	1.3
4	☐	50.000	52.822	192830.94	1.0220	P	0.8
5	☐	125.000	130.712	477451.08	2.5273	P	0.2
6	☐	250.000	260.074	955696.05	5.0274	P	2.4
7	☐	500.000	499.734	1952012.38	9.6591	P	0.7
8	☐	1000.000	996.759	3806498.69	19.2647	P	2.1
9	☐			6711.66	0.0328	P	2.8

$$y = 0.0193 * x + 0.0011$$

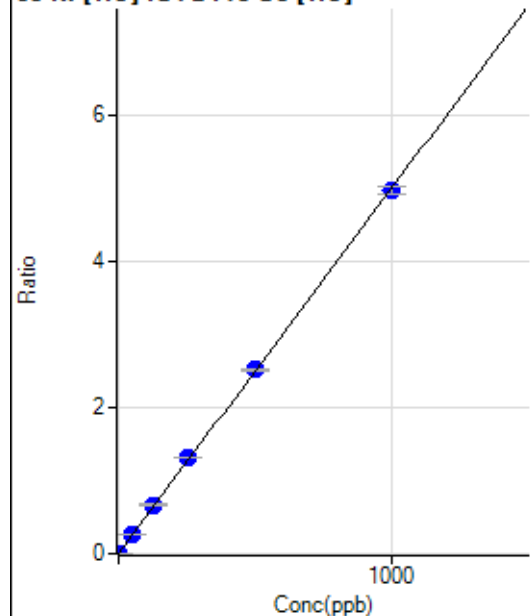
$$R = 0.9999$$

$$DL = 0.03285$$

$$BEC = 0.05794$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.79	0.0025	P	5.2
2	☐	0.100					
3	☐	1.000	0.978	1373.42	0.0073	P	1.5
4	☐	50.000	54.140	51425.55	0.2725	P	0.9
5	☐	125.000	133.514	126292.53	0.6685	P	0.9
6	☐	250.000	262.727	249636.10	1.3131	P	1.9
7	☐	500.000	504.513	509096.47	2.5192	P	1.2
8	☐	1000.000	993.291	979529.78	4.9575	P	2.2
9	☐			15392.70	0.0752	P	0.7

$$y = 0.0050 * x + 0.0025$$

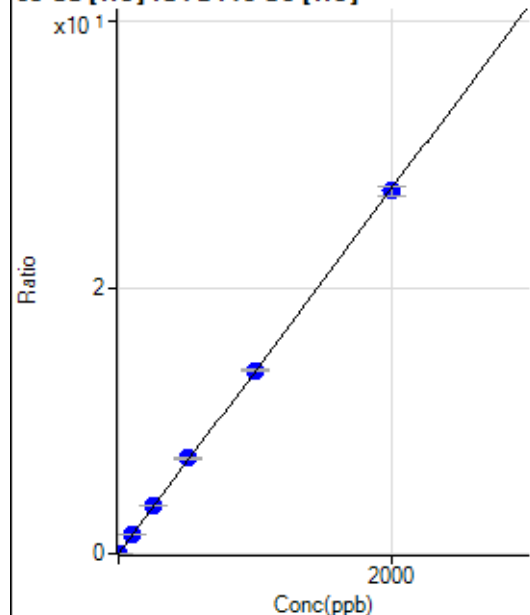
$$R = 0.9999$$

$$DL = 0.07689$$

$$BEC = 0.4948$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	871.15	0.0048	P	7.4
2	☐	0.200					
3	☐	2.000	2.224	6590.48	0.0353	P	3.0
4	☐	100.000	106.789	276945.11	1.4677	P	0.1
5	☐	250.000	264.878	686428.17	3.6334	P	0.2
6	☐	500.000	525.884	1370504.22	7.2090	P	2.1
7	☐	1000.000	1005.509	2784665.27	13.7795	P	1.1
8	☐	2000.000	1988.575	5383505.27	27.2468	P	2.4
9	☐			12529.96	0.0612	P	2.0

$$y = 0.0137 * x + 0.0048$$

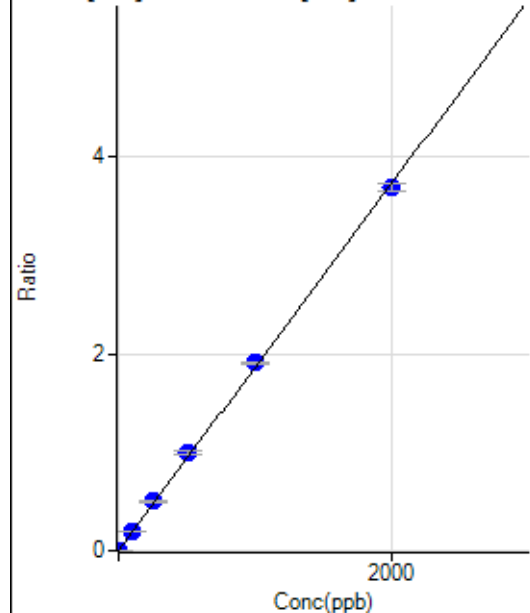
$$R = 0.9999$$

$$DL = 0.07766$$

$$BEC = 0.3505$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0006	P	28.3
2	☐	0.200					
3	☐	2.000	2.193	875.60	0.0047	P	10.0
4	☐	100.000	107.769	38054.05	0.2017	P	1.0
5	☐	250.000	267.487	94403.53	0.4997	P	0.5
6	☐	500.000	534.143	189567.97	0.9973	P	2.7
7	☐	1000.000	1024.217	386318.52	1.9117	P	1.4
8	☐	2000.000	1976.781	728924.83	3.6891	P	2.0
9	☐			6430.40	0.0314	P	2.3

$$y = 0.0019 * x + 5.9440E-004$$

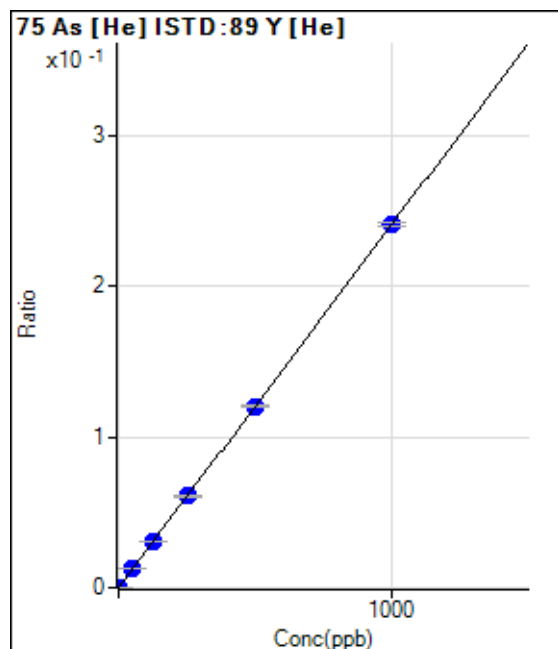
$$R = 0.9997$$

$$DL = 0.2707$$

$$BEC = 0.3186$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.05	0.0000	P	48.0
2	☐	0.100					
3	☐	1.000	0.930	262.35	0.0002	P	10.4
4	☐	50.000	51.151	13608.91	0.0123	P	1.0
5	☐	125.000	126.810	33789.19	0.0306	P	0.5
6	☐	250.000	251.805	68061.84	0.0607	P	1.1
7	☐	500.000	498.793	140251.59	0.1202	P	1.2
8	☐	1000.000	999.869	273201.93	0.2410	P	1.1
9	☐			225.93	0.0002	P	6.7

$$y = 2.4099\text{E-}004 * x + 1.5168\text{E-}005$$

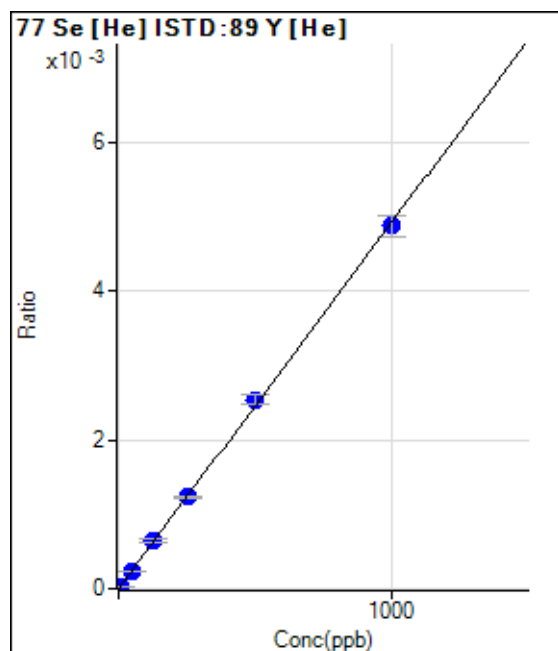
$$R = 1.0000$$

$$DL = 0.09055$$

$$BEC = 0.06294$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.120	22.22	0.0000	P	35.2
4	☐	50.000	47.057	255.56	0.0002	P	9.9
5	☐	125.000	131.310	714.47	0.0006	P	7.3
6	☐	250.000	250.434	1383.42	0.0012	P	1.3
7	☐	500.000	515.960	2964.80	0.0025	P	5.0
8	☐	1000.000	991.274	5536.70	0.0049	P	5.7
9	☐			5.56	0.0000	P	92.1

$$y = 4.9254\text{E-}006 * x + 0.0000\text{E+}000$$

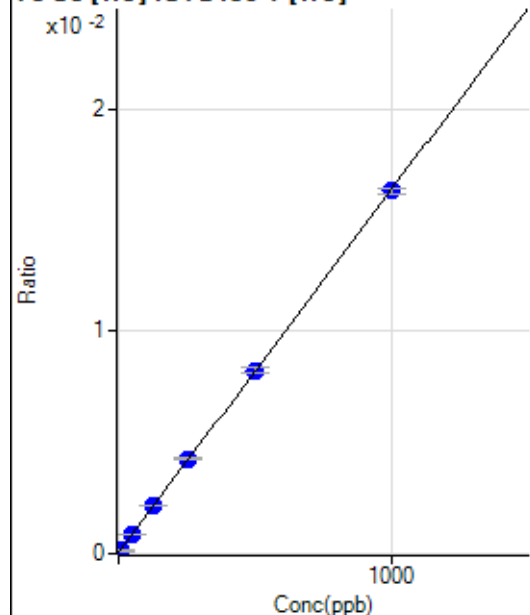
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.02	0.0001	P	12.9
2	☐	0.500					
3	☐	5.000	4.777	145.68	0.0001	P	10.2
4	☐	50.000	50.948	976.59	0.0009	P	3.4
5	☐	125.000	130.240	2407.63	0.0022	P	1.6
6	☐	250.000	258.456	4787.25	0.0043	P	1.0
7	☐	500.000	501.843	9610.04	0.0082	P	2.9
8	☐	1000.000	996.263	18479.75	0.0163	P	1.7
9	☐			76.55	0.0001	P	20.9

$$y = 1.6306E-005 * x + 5.4847E-005$$

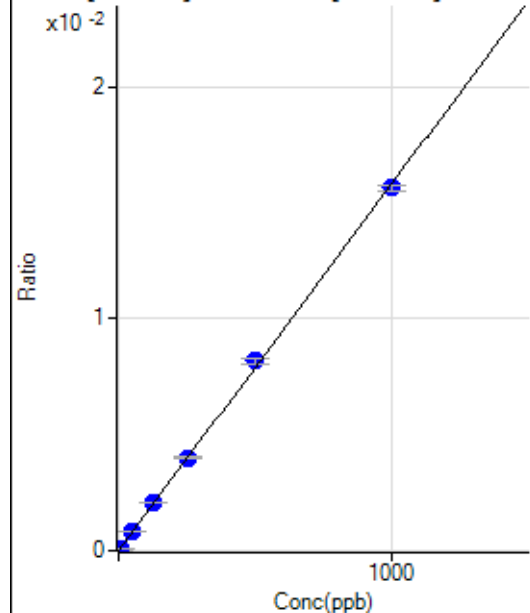
$$R = 0.9999$$

$$DL = 1.304$$

$$BEC = 3.364$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-23.93	0.0000	P	-502.
2	☐	0.500					
3	☐	5.000	5.593	658.82	0.0001	P	15.9
4	☐	50.000	52.655	6443.03	0.0008	P	0.2
5	☐	125.000	129.780	15772.56	0.0020	P	1.4
6	☐	250.000	253.519	31333.11	0.0040	P	1.8
7	☐	500.000	516.890	64782.52	0.0082	P	2.3
8	☐	1000.000	989.942	122212.55	0.0156	P	1.4
9	☐			265.90	0.0000	P	18.3

$$y = 1.5794E-005 * x - 3.1684E-006$$

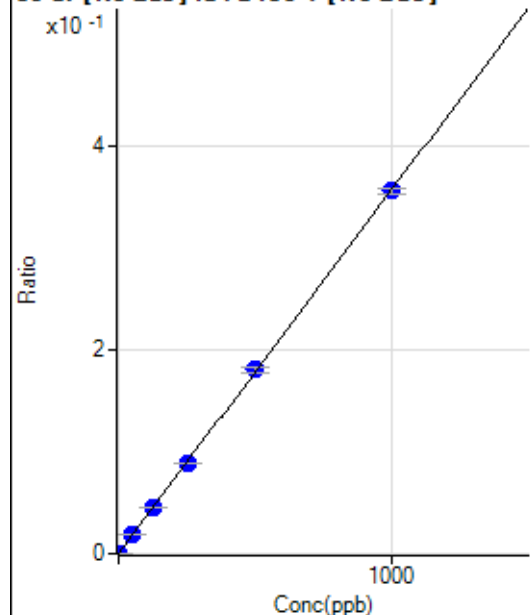
$$R = 0.9998$$

$$DL = 3.021$$

$$BEC = -0.2006$$

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	1697.41	0.0002	P	3.3
2	☐	0.100					
3	☐	1.000	0.881	4170.21	0.0005	P	4.4
4	☐	50.000	50.044	140340.60	0.0180	P	0.4
5	☐	125.000	125.190	345298.60	0.0448	P	1.0
6	☐	250.000	248.214	694006.71	0.0886	P	0.7
7	☐	500.000	505.815	1431533.12	0.1803	P	2.7
8	☐	1000.000	997.513	2778768.42	0.3554	P	1.4
9	☐			97840.42	0.0127	P	1.1

$$y = 3.5608\text{E-}004 * x + 2.2547\text{E-}004$$

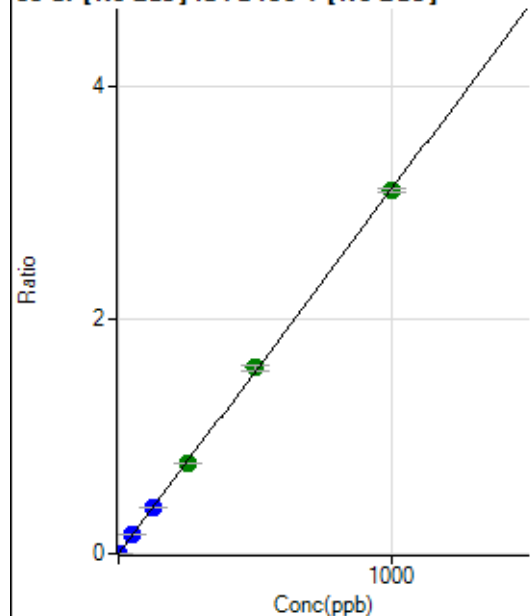
$$R = 1.0000$$

$$DL = 0.06207$$

$$BEC = 0.6332$$

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	222.23	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.927	22554.74	0.0029	P	4.5
4	☐	50.000	50.231	1216943.07	0.1565	P	0.4
5	☐	125.000	127.192	3053406.79	0.3962	P	0.6
6	☐	250.000	248.803	6069580.39	0.7749	A	0.6
7	☐	500.000	509.215	12589530.14	1.5860	A	3.0
8	☐	1000.000	995.406	24239472.24	3.1003	A	1.2
9	☐			839242.70	0.1086	P	0.6

$$y = 0.0031 * x + 2.9537\text{E-}005$$

$$R = 0.9999$$

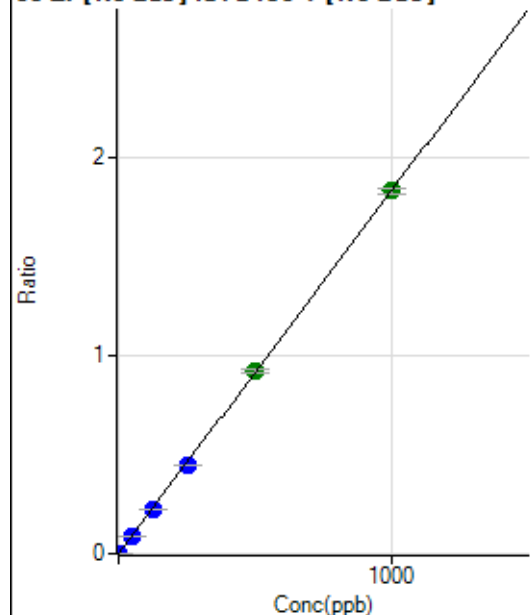
$$DL = 0.009726$$

$$BEC = 0.009484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	713.94	0.0001	P	12.6
2	☐	0.100					
3	☐	1.000	0.924	13815.54	0.0018	P	3.4
4	☐	50.000	47.758	680122.34	0.0875	P	0.4
5	☐	125.000	121.107	1708055.29	0.2216	P	0.4
6	☐	250.000	243.176	3484498.04	0.4449	P	0.8
7	☐	500.000	504.884	7331909.54	0.9236	A	2.5
8	☐	1000.000	999.863	14299623.59	1.8290	A	1.3
9	☐			5876.46	0.0008	P	5.8

$$y = 0.0018 * x + 9.4855E-005$$

$$R = 1.0000$$

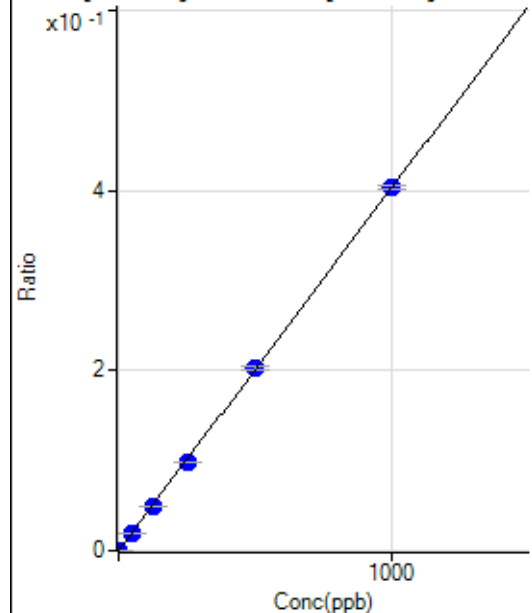
$$DL = 0.01968$$

$$BEC = 0.05186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	20.9
2	☐	0.100					
3	☐	1.000	0.945	3108.80	0.0004	P	4.8
4	☐	50.000	48.092	150724.09	0.0194	P	0.5
5	☐	125.000	121.645	377552.77	0.0490	P	1.3
6	☐	250.000	243.524	767959.04	0.0980	P	0.5
7	☐	500.000	503.506	1609169.71	0.2027	P	2.4
8	☐	1000.000	1000.381	3148593.69	0.4027	P	1.2
9	☐			1325.12	0.0002	P	3.4

$$y = 4.0254E-004 * x + 2.1402E-005$$

$$R = 1.0000$$

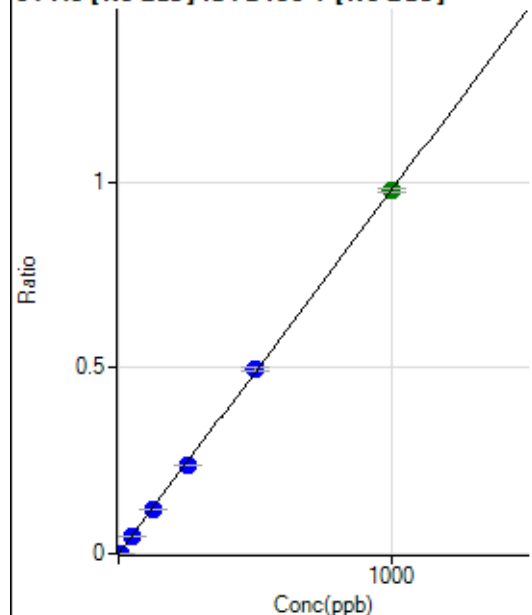
$$DL = 0.03336$$

$$BEC = 0.05317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	2.088	16084.64	0.0021	P	1.7
4	☐	50.000	48.352	368002.66	0.0473	P	1.3
5	☐	125.000	122.339	922345.02	0.1197	P	0.4
6	☐	250.000	244.358	1871827.13	0.2390	P	0.9
7	☐	500.000	507.056	3936655.25	0.4959	P	2.3
8	☐	1000.000	998.312	7633010.93	0.9763	A	1.1
9	☐			13879.51	0.0018	P	3.0

$$y = 9.7789\text{E-}004 * x + 3.7264\text{E-}005$$

$$R = 0.9999$$

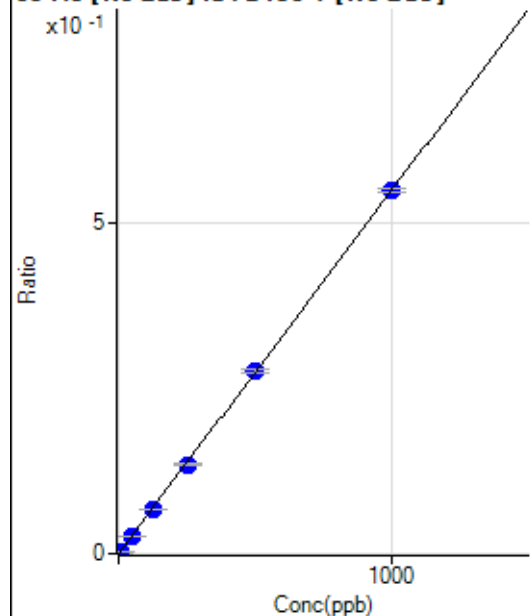
$$DL = 0.01508$$

$$BEC = 0.03811$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	4.358	18646.19	0.0024	P	3.5
4	☐	50.000	49.304	210352.20	0.0270	P	1.7
5	☐	125.000	124.116	524552.80	0.0681	P	0.2
6	☐	250.000	246.123	1056867.73	0.1349	P	0.9
7	☐	500.000	503.285	2190257.64	0.2759	P	2.6
8	☐	1000.000	999.475	4283875.10	0.5479	P	1.0
9	☐			19544.67	0.0025	P	1.2

$$y = 5.4817\text{E-}004 * x + 2.1417\text{E-}005$$

$$R = 1.0000$$

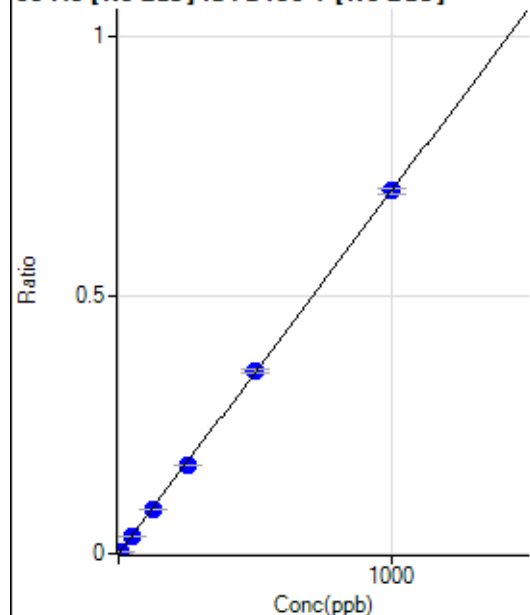
$$DL = 0.03546$$

$$BEC = 0.03907$$

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	211.12	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	3.785	20760.18	0.0027	P	1.2
4	☐	50.000	49.064	267904.18	0.0344	P	0.5
5	☐	125.000	123.371	667260.22	0.0866	P	0.4
6	☐	250.000	244.986	1346269.76	0.1719	P	1.0
7	☐	500.000	502.973	2801335.37	0.3529	P	2.3
8	☐	1000.000	1000.023	5485088.27	0.7016	P	1.4
9	☐			27647.04	0.0036	P	1.8

$$y = 7.0152E-004 * x + 2.8056E-005$$

$$R = 1.0000$$

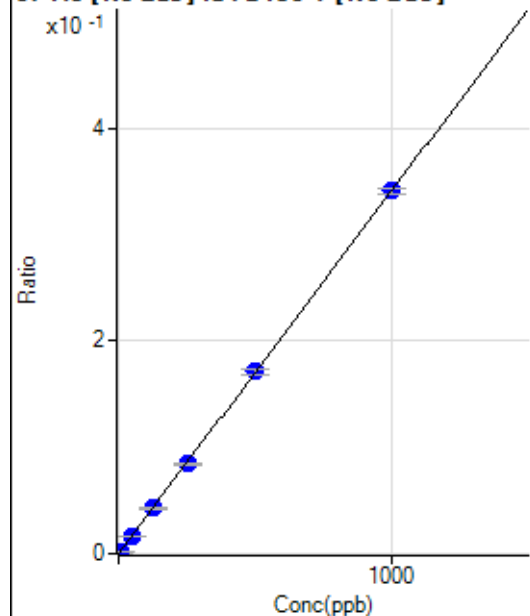
$$DL = 0.0238$$

$$BEC = 0.03999$$

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	152.78	0.0000	P	22.2
2	☐	0.500					
3	☐	5.000	4.271	11418.92	0.0015	P	4.2
4	☐	50.000	49.993	132675.26	0.0171	P	1.0
5	☐	125.000	124.724	327803.13	0.0425	P	0.5
6	☐	250.000	247.041	659644.61	0.0842	P	0.8
7	☐	500.000	501.128	1356081.96	0.1708	P	2.5
8	☐	1000.000	1000.214	2665526.88	0.3409	P	1.4
9	☐			12403.10	0.0016	P	2.7

$$y = 3.4084E-004 * x + 2.0299E-005$$

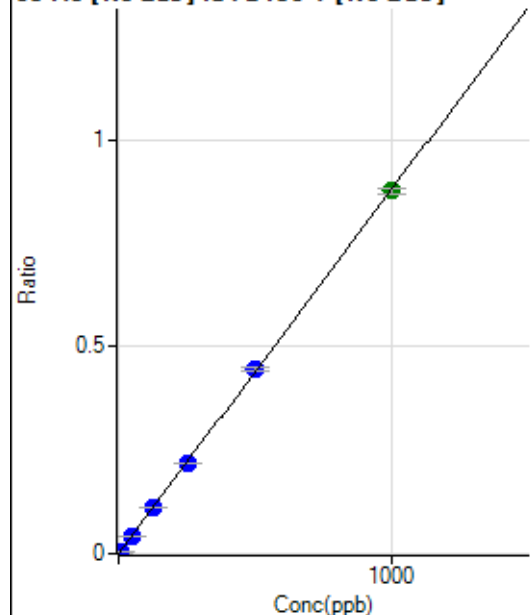
$$R = 1.0000$$

$$DL = 0.03971$$

$$BEC = 0.05956$$

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	269.46	0.0000	P	8.0
2	☐	0.500					
3	☐	5.000	4.383	30090.98	0.0039	P	1.6
4	☐	50.000	49.597	339408.59	0.0436	P	0.7
5	☐	125.000	125.262	849072.55	0.1102	P	0.8
6	☐	250.000	248.641	1712446.00	0.2186	P	0.9
7	☐	500.000	507.921	3545254.90	0.4466	P	2.6
8	☐	1000.000	996.370	6849158.32	0.8761	A	1.7
9	☐			32251.38	0.0042	P	3.4

$$y = 8.7921\text{E-}004 * x + 3.5798\text{E-}005$$

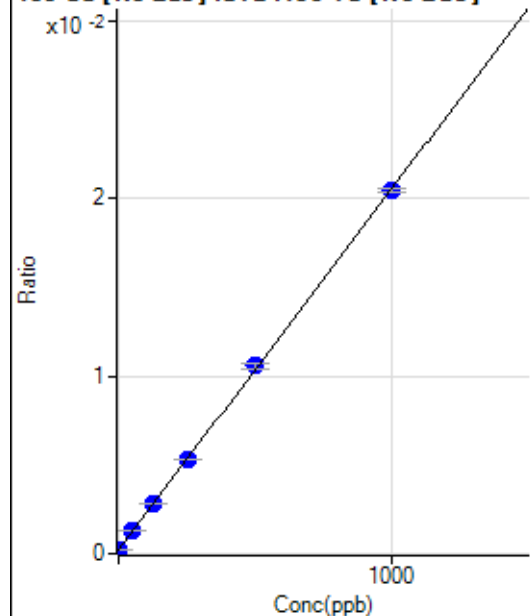
$$R = 1.0000$$

$$DL = 0.009828$$

$$BEC = 0.04072$$

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	2272.51	0.0002	P	7.2
2	☐	0.100					
3	☐	1.000	1.453	2667.04	0.0002	P	5.2
4	☐	50.000	51.197	13648.81	0.0013	P	0.4
5	☐	125.000	128.826	30684.23	0.0028	P	2.4
6	☐	250.000	250.410	58273.46	0.0053	P	2.0
7	☐	500.000	509.744	116968.71	0.0106	P	3.1
8	☐	1000.000	994.487	221820.53	0.0204	P	1.0
9	☐			2503.11	0.0002	P	4.3

$$y = 2.0320\text{E-}005 * x + 2.1686\text{E-}004$$

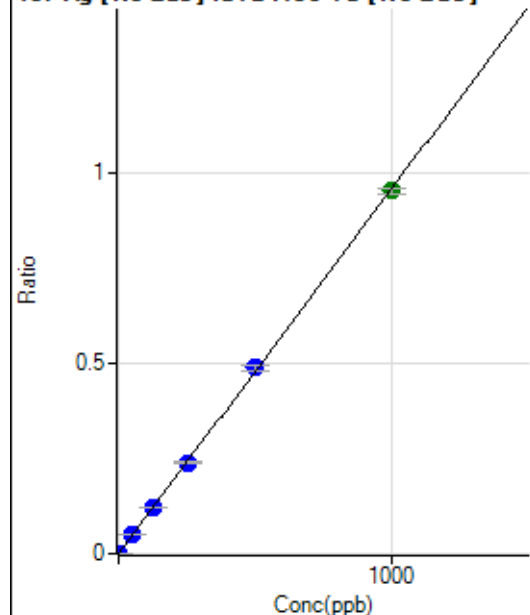
$$R = 0.9999$$

$$DL = 2.298$$

$$BEC = 10.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	1.213	12672.83	0.0012	P	1.5
4	☐	50.000	51.094	532458.16	0.0490	P	0.8
5	☐	125.000	127.486	1324536.50	0.1224	P	1.2
6	☐	250.000	250.232	2638245.98	0.2402	P	0.8
7	☐	500.000	509.463	5407607.98	0.4890	P	3.9
8	☐	1000.000	994.845	10369138.43	0.9548	A	1.7
9	☐			2311.40	0.0002	P	10.9

$$y = 9.5976E-004 * x + 7.1574E-006$$

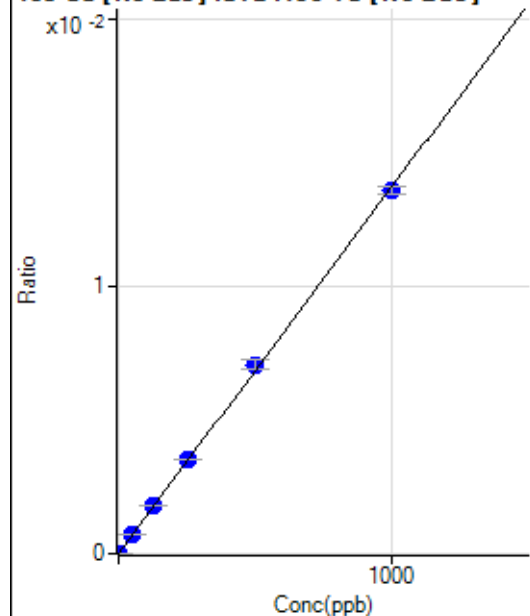
$$R = 0.9999$$

$$DL = 0.002488$$

$$BEC = 0.007457$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	62.5
2	☐	0.100					
3	☐	1.000	0.782	130.56	0.0000	P	17.4
4	☐	50.000	52.632	7853.70	0.0007	P	3.2
5	☐	125.000	129.810	19293.99	0.0018	P	0.9
6	☐	250.000	256.348	38652.93	0.0035	P	0.6
7	☐	500.000	514.985	78137.47	0.0071	P	5.0
8	☐	1000.000	990.188	147548.52	0.0136	P	2.2
9	☐			69.45	0.0000	P	17.4

$$y = 1.3720E-005 * x + 1.3259E-006$$

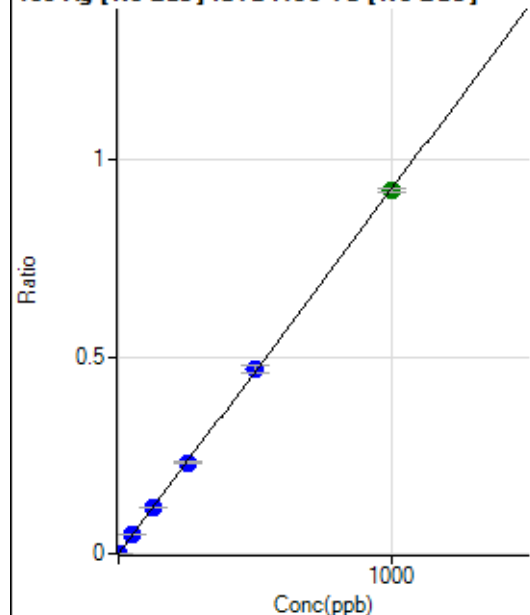
$$R = 0.9998$$

$$DL = 0.1811$$

$$BEC = 0.09663$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	8.7
2	☐	0.100					
3	☐	1.000	1.237	12467.09	0.0012	P	2.3
4	☐	50.000	51.162	514784.77	0.0474	P	0.7
5	☐	125.000	127.024	1274243.19	0.1177	P	1.2
6	☐	250.000	250.191	2546902.10	0.2319	P	0.8
7	☐	500.000	508.516	5211002.11	0.4712	P	4.4
8	☐	1000.000	995.383	10017669.58	0.9224	A	1.2
9	☐			2330.85	0.0002	P	10.1

$$y = 9.2669\text{E-}004 * x + 5.3021\text{E-}006$$

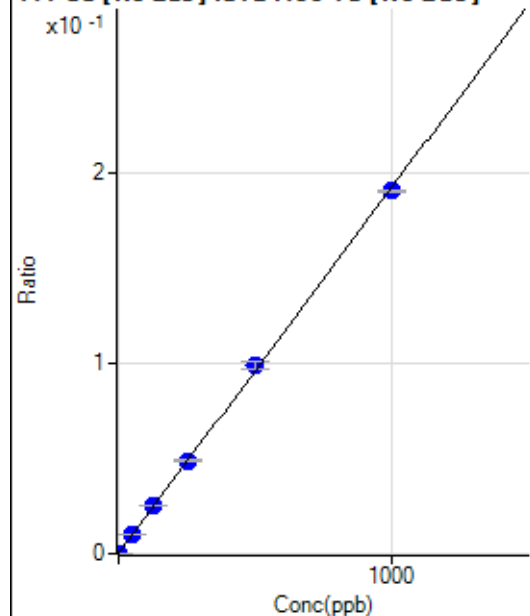
$$R = 0.9999$$

$$DL = 0.001499$$

$$BEC = 0.005722$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1606.03	0.0002	P	6.5
2	☐	0.100					
3	☐	1.000	0.984	3707.65	0.0003	P	4.1
4	☐	50.000	52.087	110456.77	0.0102	P	0.2
5	☐	125.000	129.511	271364.76	0.0251	P	1.3
6	☐	250.000	253.440	537288.68	0.0489	P	0.9
7	☐	500.000	513.841	1095011.20	0.0990	P	3.7
8	☐	1000.000	991.551	2073423.93	0.1909	P	0.8
9	☐			2378.60	0.0002	P	3.8

$$y = 1.9239\text{E-}004 * x + 1.5326\text{E-}004$$

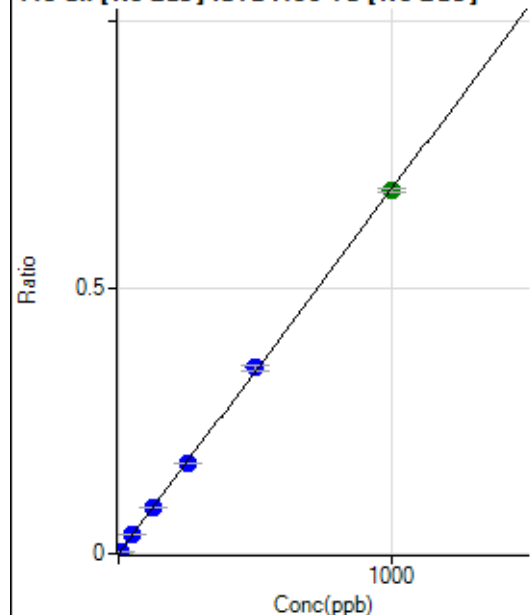
$$R = 0.9998$$

$$DL = 0.1546$$

$$BEC = 0.7966$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1216.77	0.0001	P	3.5
2	☐	0.500					
3	☐	5.000	4.458	34270.71	0.0032	P	0.8
4	☐	50.000	50.270	374676.27	0.0345	P	0.5
5	☐	125.000	125.439	930257.08	0.0859	P	1.8
6	☐	250.000	248.566	1869467.97	0.1702	P	1.0
7	☐	500.000	509.617	3857689.67	0.3488	P	3.6
8	☐	1000.000	995.484	7398478.73	0.6812	A	0.9
9	☐			11897.25	0.0011	P	4.4

$$y = 6.8421\text{E-}004 * x + 1.1611\text{E-}004$$

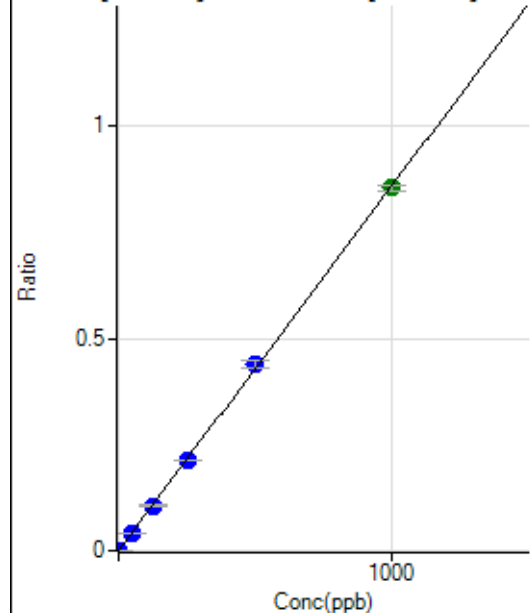
$$R = 0.9999$$

$$DL = 0.01793$$

$$BEC = 0.1697$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	27.7
2	☐	0.200					
3	☐	2.000	1.803	16983.19	0.0016	P	1.1
4	☐	50.000	49.324	460143.24	0.0424	P	1.2
5	☐	125.000	123.899	1152094.98	0.1064	P	1.5
6	☐	250.000	247.036	2330928.68	0.2122	P	0.8
7	☐	500.000	510.406	4848080.01	0.4384	P	4.1
8	☐	1000.000	995.710	9287661.58	0.8552	A	1.4
9	☐			33744.25	0.0032	P	3.3

$$y = 8.5888\text{E-}004 * x + 2.0414\text{E-}005$$

$$R = 0.9999$$

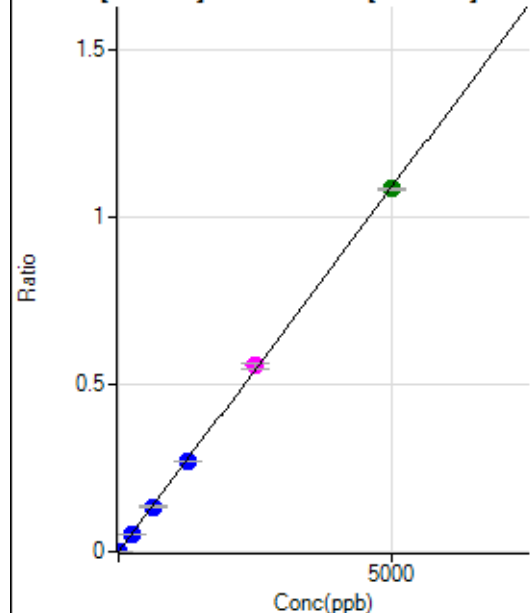
$$DL = 0.01975$$

$$BEC = 0.02377$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.0
2	☐	1.000					
3	☐	10.000	8.868	20960.94	0.0019	P	1.6
4	☐	250.000	248.623	587534.06	0.0541	P	0.8
5	☐	625.000	619.941	1460585.44	0.1349	P	1.4
6	☐	1250.000	1237.551	2958899.76	0.2694	P	0.2
7	☐	2500.000	2548.261	6133931.43	0.5546	M	3.7
8	☐	5000.000	4979.685	11770796.36	1.0838	A	0.8
9	☐			6424.03	0.0006	P	5.3

$$y = 2.1765E-004 * x + 6.6269E-006$$

$$R = 0.9999$$

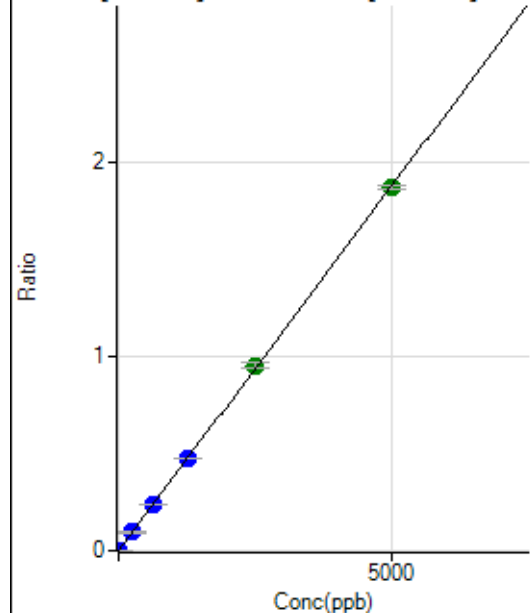
$$DL = 0.02281$$

$$BEC = 0.03045$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	39.2
2	☐	1.000					
3	☐	10.000	9.100	37022.76	0.0034	P	2.0
4	☐	250.000	251.484	1024002.35	0.0943	P	1.0
5	☐	625.000	633.486	2571792.05	0.2376	P	1.1
6	☐	1250.000	1261.107	5195585.10	0.4730	P	0.5
7	☐	2500.000	2537.411	10525882.79	0.9516	A	3.1
8	☐	5000.000	4977.385	20272697.67	1.8667	A	1.0
9	☐			11021.49	0.0011	P	7.2

$$y = 3.7503E-004 * x + 7.6881E-006$$

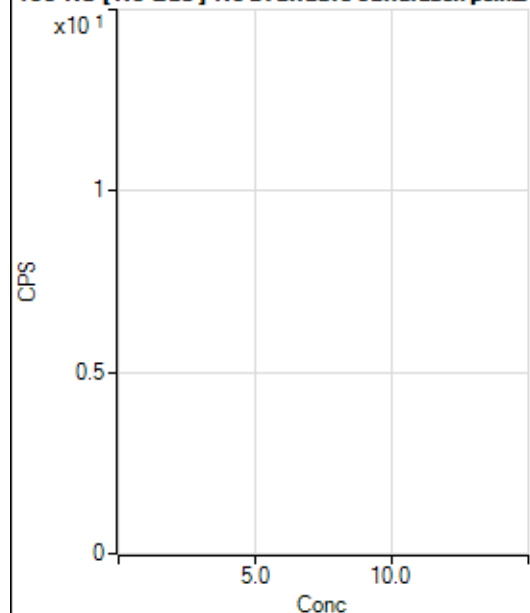
$$R = 1.0000$$

$$DL = 0.02411$$

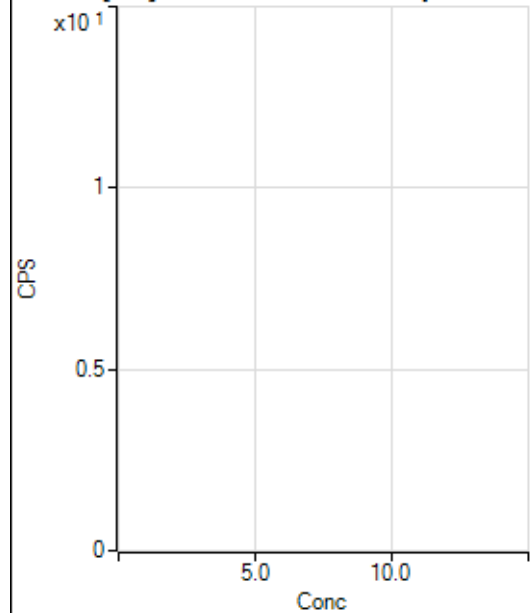
$$BEC = 0.0205$$

Weight: <None>

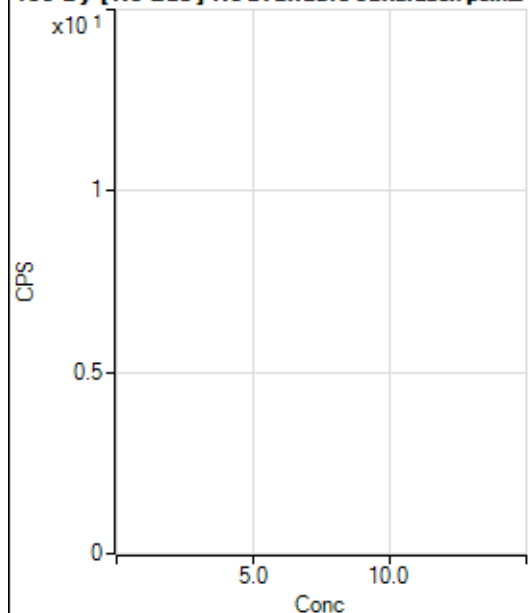
Min Conc: 0

150 Nd [No Gas] No available calibration points

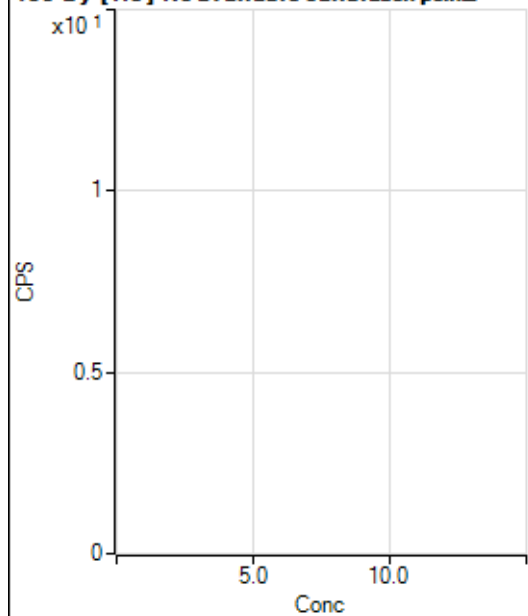
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			11.11		P	91.7
4	☐			51.11		P	37.7
5	☐			124.45		P	8.2
6	☐			222.24		P	14.2
7	☐			375.57		P	8.8
8	☐			826.72		P	9.2
9	☐			126.67		P	22.9

150 Nd [He] No available calibration points

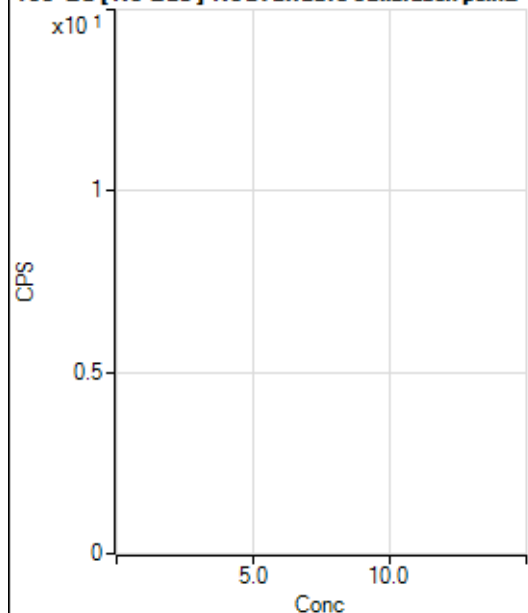
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			13.33		P	75.0
6	☐			20.00		P	60.1
7	☐			43.33		P	7.7
8	☐			63.33		P	5.3
9	☐			48.89		P	19.7

156 Dy [No Gas] No available calibration points

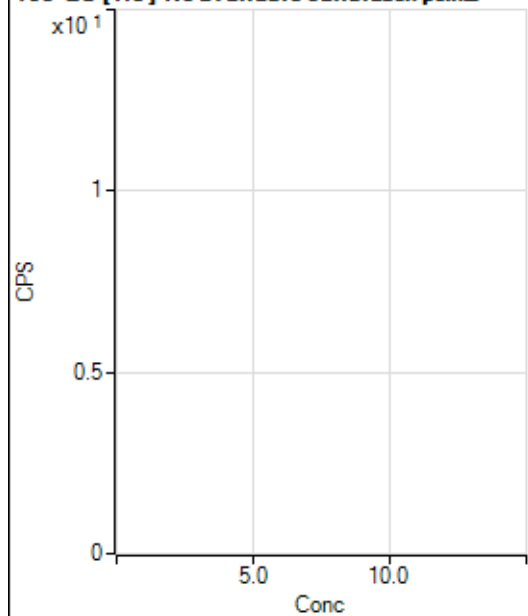
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐						
3	☐			33.33		P	25.0
4	☐			55.56		P	60.6
5	☐			55.56		P	45.8
6	☐			58.34		P	42.9
7	☐			105.56		P	35.6
8	☐			225.01		P	23.1
9	☐			205.57		P	4.7

156 Dy [He] No available calibration points

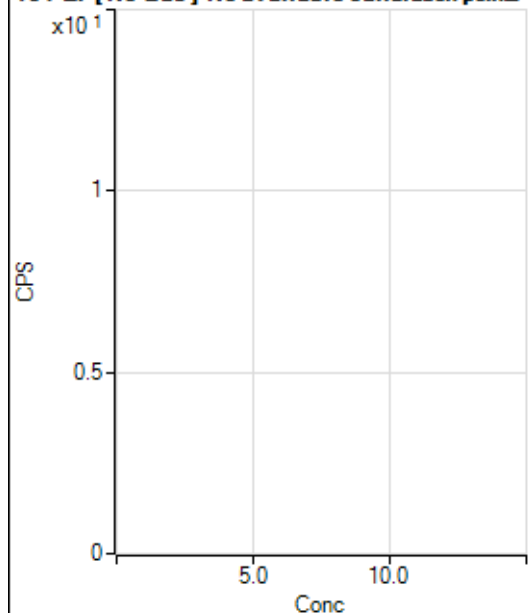
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐						
3	☐			4.44		P	43.4
4	☐			3.33		P	100.1
5	☐			7.78		P	24.7
6	☐			18.89		P	53.9
7	☐			36.67		P	15.7
8	☐			96.67		P	22.6
9	☐			72.22		P	7.0

160 Gd [No Gas] Noavailable calibration poin_

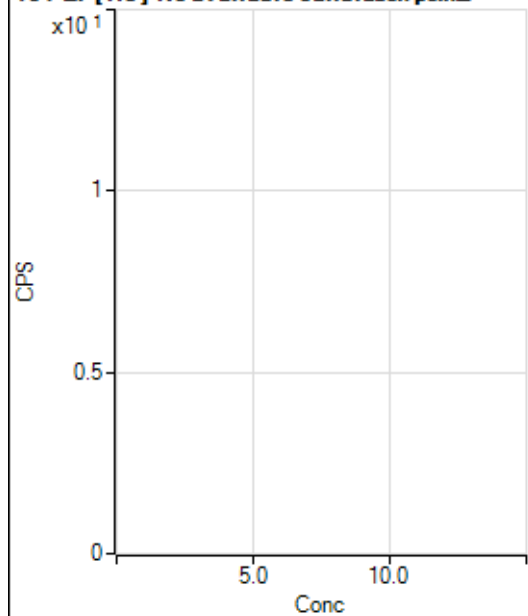
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐						
3	☐			41.67		P	60.0
4	☐			52.78		P	18.2
5	☐			86.11		P	20.1
6	☐			58.34		P	14.3
7	☐			61.12		P	7.9
8	☐			88.89		P	32.9
9	☐			191.68		P	8.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	24.7
2	☐						
3	☐			67.78		P	32.8
4	☐			90.00		P	22.5
5	☐			77.78		P	17.3
6	☐			70.00		P	34.3
7	☐			91.11		P	20.2
8	☐			90.00		P	3.7
9	☐			115.56		P	15.9

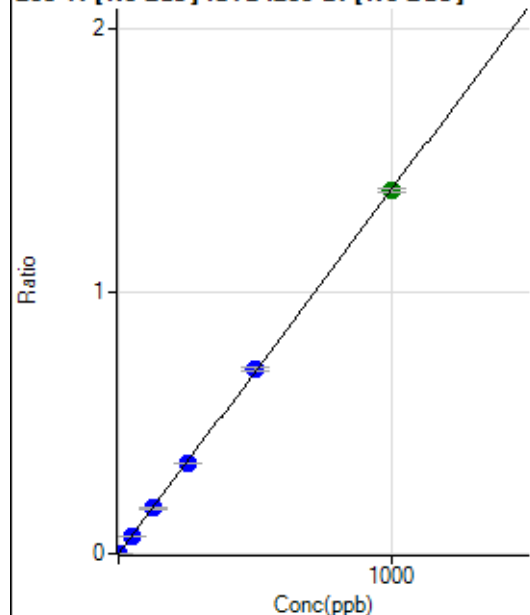
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐						
3	☐			63.89		P	27.2
4	☐			38.89		P	32.7
5	☐			36.11		P	48.0
6	☐			44.45		P	28.7
7	☐			58.34		P	14.3
8	☐			38.89		P	24.7
9	☐			94.45		P	13.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐						
3	☐			18.89		P	53.9
4	☐			14.45		P	48.0
5	☐			16.66		P	91.7
6	☐			22.22		P	37.8
7	☐			10.00		P	88.2
8	☐			24.44		P	20.8
9	☐			35.55		P	19.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0000	P	10.1
2	☐	0.100					
3	☐	1.000	0.896	9100.71	0.0013	P	4.0
4	☐	50.000	49.353	486509.28	0.0686	P	0.6
5	☐	125.000	124.241	1207346.44	0.1726	P	0.4
6	☐	250.000	247.544	2417657.11	0.3439	P	0.6
7	☐	500.000	508.589	4998090.44	0.7065	P	1.7
8	☐	1000.000	996.447	9553780.86	1.3841	A	1.2
9	☐			5548.61	0.0009	P	3.5

$$y = 0.0014 * x + 4.4714E-005$$

$$R = 0.9999$$

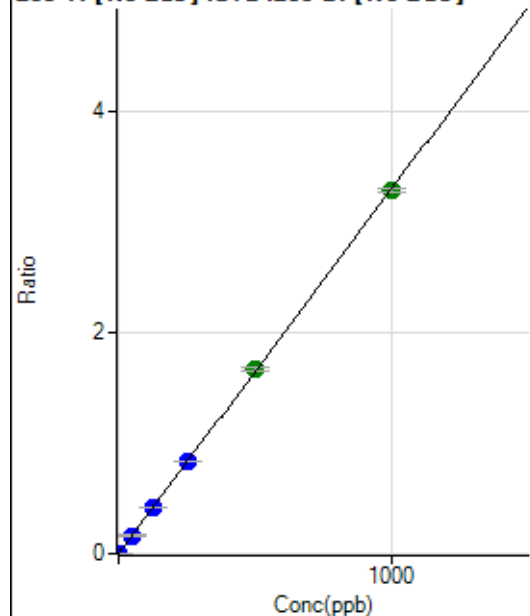
$$DL = 0.00974$$

$$BEC = 0.03219$$

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	661.16	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	0.924	22213.87	0.0031	P	0.7
4	☐	50.000	50.049	1173688.27	0.1655	P	0.7
5	☐	125.000	126.982	2935694.12	0.4197	P	0.2
6	☐	250.000	254.217	5906874.40	0.8402	P	0.6
7	☐	500.000	507.648	11868308.34	1.6776	A	2.2
8	☐	1000.000	994.872	22693552.42	3.2877	A	1.1
9	☐			13387.85	0.0021	P	3.1

$$y = 0.0033 * x + 9.4227E-005$$

$$R = 0.9999$$

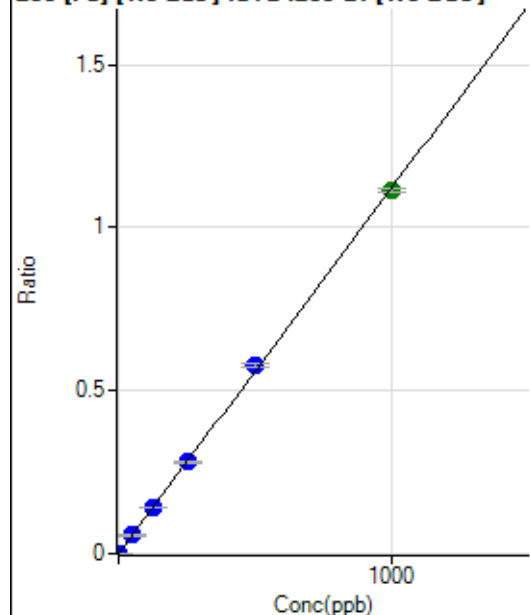
$$DL = 0.001792$$

$$BEC = 0.02851$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.18	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	1.094	9664.90	0.0014	P	3.4
4	☐	50.000	49.914	397475.03	0.0560	P	0.8
5	☐	125.000	126.839	994565.86	0.1422	P	0.3
6	☐	250.000	250.084	1970028.53	0.2802	P	0.7
7	☐	500.000	513.875	4072348.76	0.5756	P	1.9
8	☐	1000.000	992.816	7675541.26	1.1120	A	1.2
9	☐			16584.79	0.0026	P	0.8

$$y = 0.0011 * x + 1.4408E-004$$

$$R = 0.9999$$

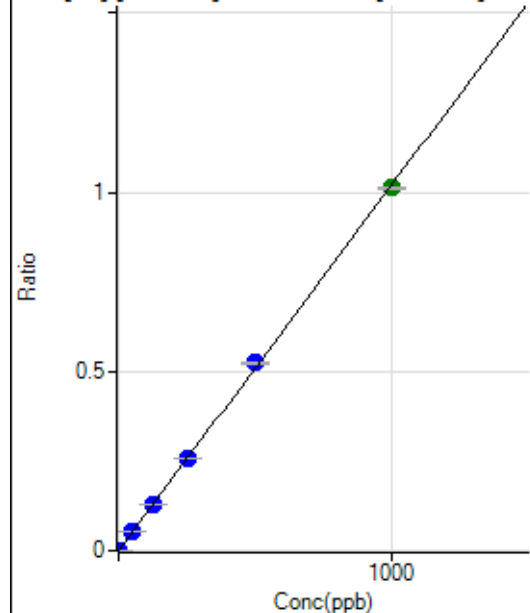
$$DL = 0.02108$$

$$BEC = 0.1287$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	920.43	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	1.054	8512.20	0.0012	P	4.5
4	☐	50.000	50.131	363284.16	0.0512	P	1.0
5	☐	125.000	126.039	899374.78	0.1286	P	0.3
6	☐	250.000	251.277	1801336.31	0.2562	P	0.5
7	☐	500.000	513.529	3703525.55	0.5235	P	1.7
8	☐	1000.000	992.780	6984985.57	1.0119	A	0.4
9	☐			14532.38	0.0023	P	2.3

$$y = 0.0010 * x + 1.3121E-004$$

$$R = 0.9999$$

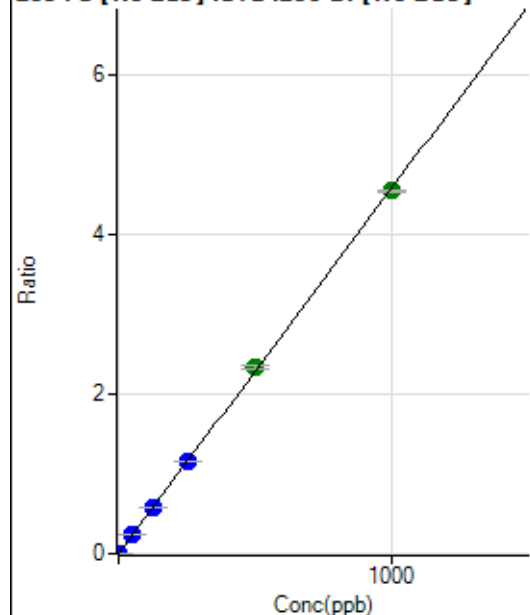
$$DL = 0.03549$$

$$BEC = 0.1287$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4098.52	0.0006	P	4.8
2	☐	0.100					
3	☐	1.000	1.077	38886.27	0.0055	P	1.7
4	☐	50.000	50.151	1629739.67	0.2298	P	0.4
5	☐	125.000	126.335	4042570.82	0.5780	P	0.2
6	☐	250.000	252.668	8122498.56	1.1553	P	0.6
7	☐	500.000	511.509	16542622.36	2.3383	A	1.8
8	☐	1000.000	993.404	31342516.68	4.5406	A	0.6
9	☐			65998.73	0.0105	P	0.9

$$y = 0.0046 * x + 5.8414E-004$$

$$R = 0.9999$$

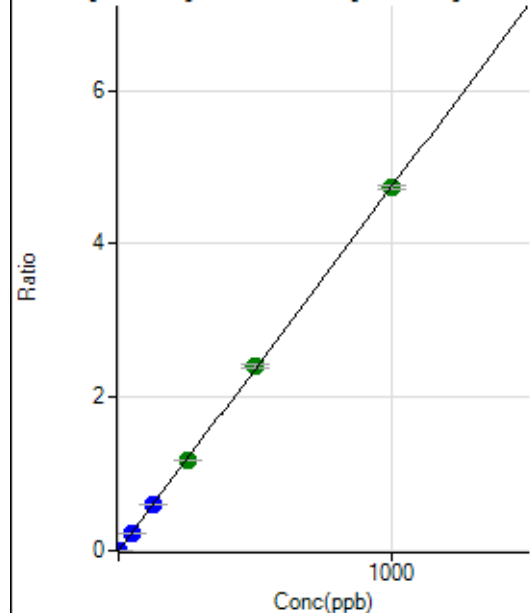
$$DL = 0.01825$$

$$BEC = 0.1278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	488.92	0.0001	P	17.3
2	☐	0.100					
3	☐	1.000	0.886	30133.25	0.0043	P	1.6
4	☐	50.000	48.785	1641039.16	0.2314	P	0.2
5	☐	125.000	124.648	4134228.78	0.5911	P	0.4
6	☐	250.000	247.872	8263144.37	1.1753	A	0.4
7	☐	500.000	506.070	16975312.88	2.3995	A	2.1
8	☐	1000.000	997.602	32649354.20	4.7300	A	1.2
9	☐			9509.49	0.0015	P	6.6

$$y = 0.0047 * x + 6.9710E-005$$

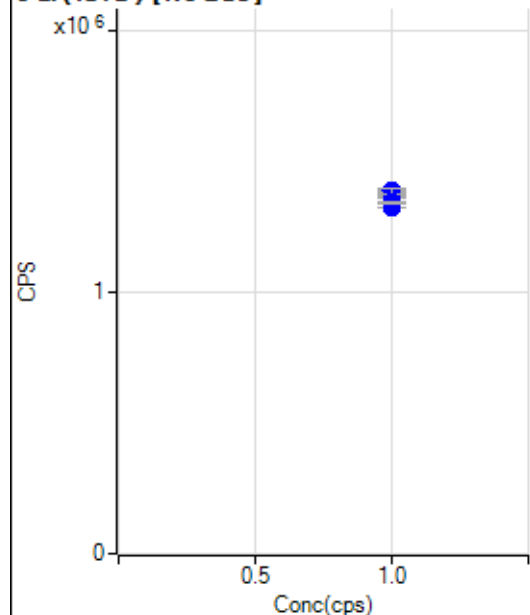
$$R = 1.0000$$

$$DL = 0.00762$$

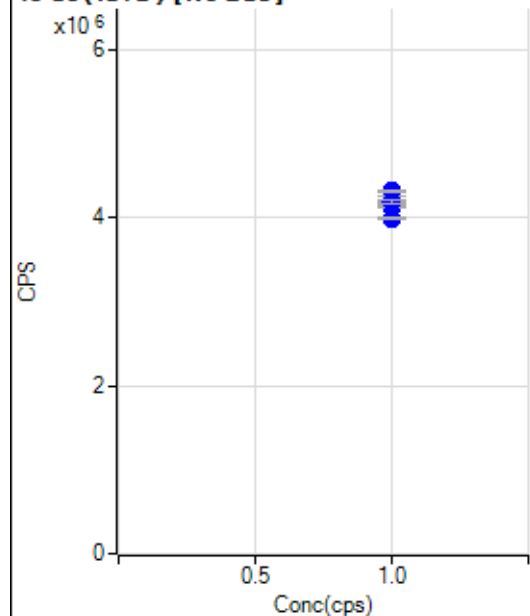
$$BEC = 0.0147$$

Weight: <None>

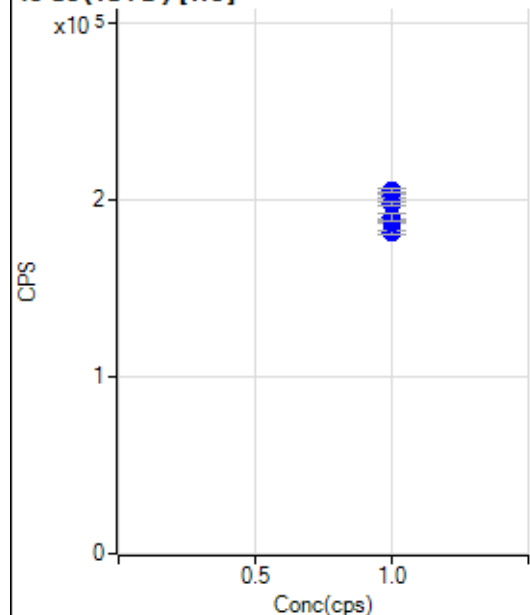
Min Conc: 0

6 Li (ISTD) [No Gas]

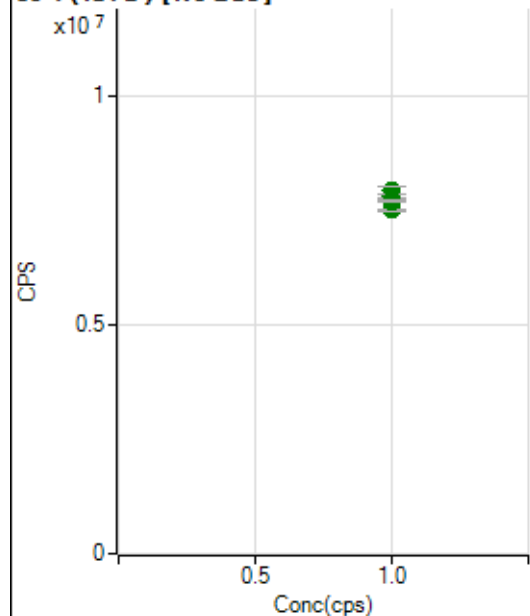
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1319913.04		P	0.1
2	☐	1.000					
3	☐	1.000		1363841.39		P	0.7
4	☐	1.000		1367356.96		P	0.5
5	☐	1.000		1365777.48		P	0.4
6	☐	1.000		1382159.70		P	0.4
7	☐	1.000		1385557.29		P	1.8
8	☐	1.000		1339595.88		P	0.5
9	☐	1.000		1341358.23		P	0.3

45 Sc (ISTD) [No Gas]

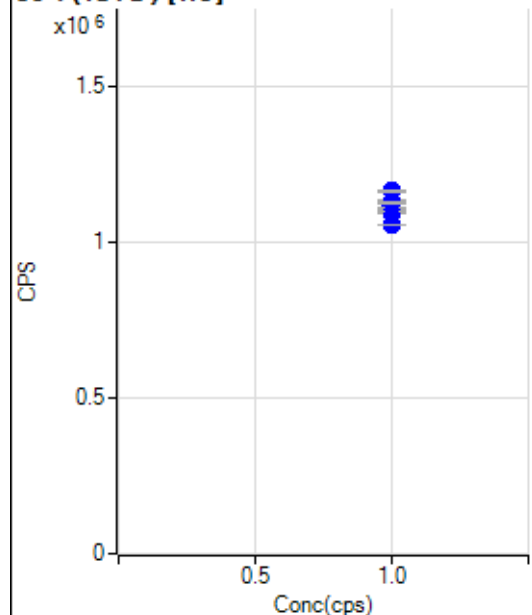
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3999178.95		P	0.1
2	☐	1.000					
3	☐	1.000		4150920.58		P	0.2
4	☐	1.000		4145726.48		P	0.3
5	☐	1.000		4131426.53		P	0.4
6	☐	1.000		4194139.33		P	0.3
7	☐	1.000		4213056.26		P	2.6
8	☐	1.000		4198710.73		P	0.9
9	☐	1.000		4324614.25		P	0.7

45 Sc (ISTD) [He]

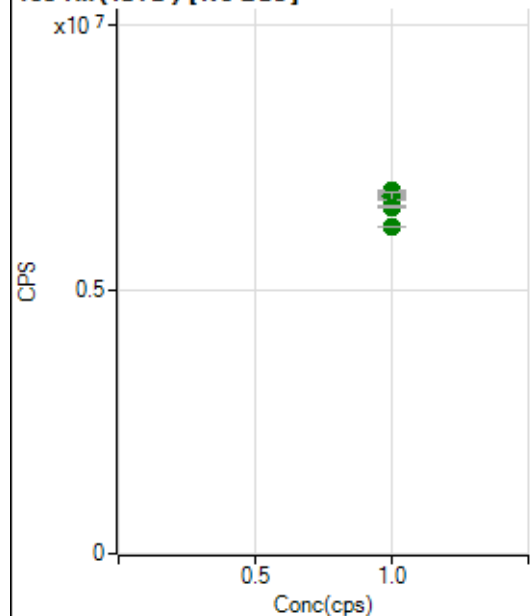
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		181371.13		P	1.0
2	☐	1.000					
3	☐	1.000		186881.25		P	0.4
4	☐	1.000		188688.74		P	0.4
5	☐	1.000		188919.46		P	0.4
6	☐	1.000		190173.78		P	2.4
7	☐	1.000		202098.65		P	0.8
8	☐	1.000		197632.13		P	1.6
9	☐	1.000		204781.77		P	1.1

89 Y (ISTD) [No Gas]

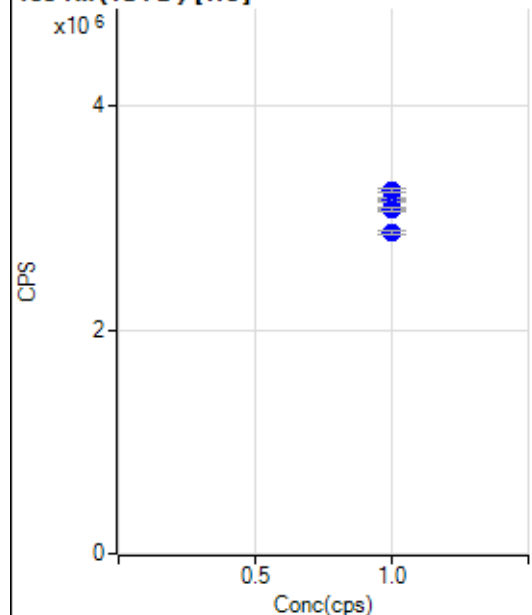
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7528227.88		A	0.4
2	☐	1.000					
3	☐	1.000		7736698.63		A	0.4
4	☐	1.000		7777242.80		A	0.6
5	☐	1.000		7707358.22		A	0.6
6	☐	1.000		7832606.07		A	1.0
7	☐	1.000		7941403.56		A	2.3
8	☐	1.000		7819195.30		A	1.2
9	☐	1.000		7729287.25		A	0.6

89 Y(ISTD) [He]

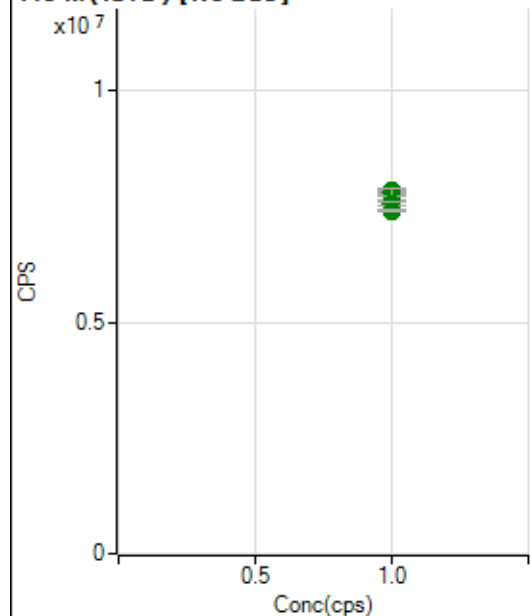
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1057922.22		P	0.2
2	☐	1.000					
3	☐	1.000		1096989.08		P	0.7
4	☐	1.000		1102662.94		P	0.3
5	☐	1.000		1105107.63		P	0.8
6	☐	1.000		1121420.17		P	1.3
7	☐	1.000		1166691.46		P	0.7
8	☐	1.000		1133792.65		P	0.8
9	☐	1.000		1128742.11		P	0.9

103 Rh(ISTD) [No Gas]

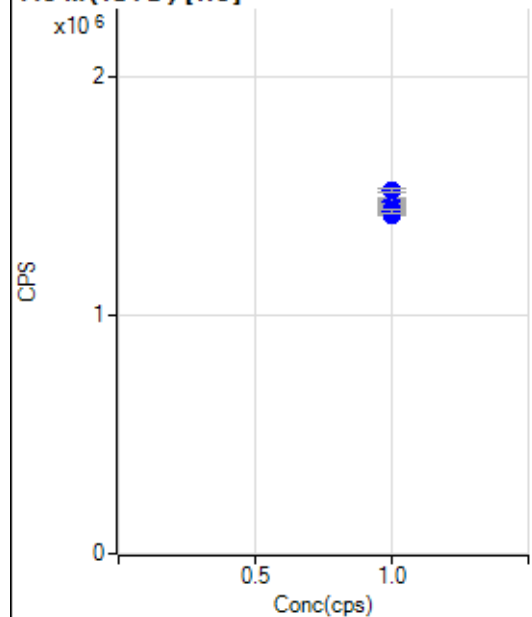
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6714663.17		A	0.2
2	☐	1.000					
3	☐	1.000		6871720.90		A	0.6
4	☐	1.000		6859648.68		A	0.8
5	☐	1.000		6752217.43		A	0.5
6	☐	1.000		6786639.82		A	0.5
7	☐	1.000		6786522.46		A	2.2
8	☐	1.000		6571622.72		A	0.8
9	☐	1.000		6197938.33		A	0.2

103 Rh (ISTD) [He]

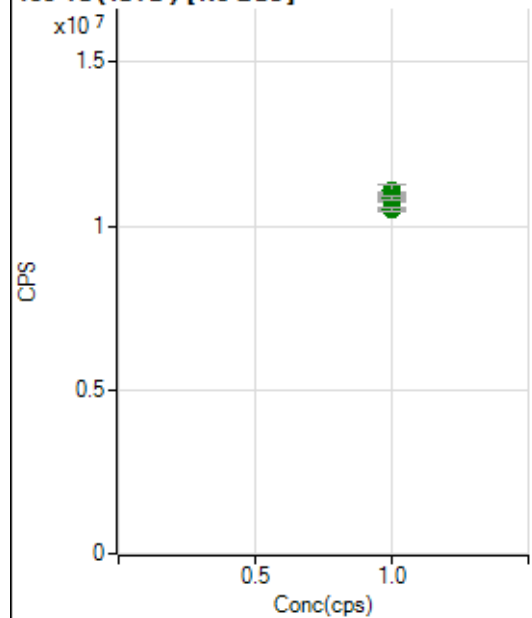
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3076116.24		P	0.1
2	☐	1.000					
3	☐	1.000		3171439.19		P	0.5
4	☐	1.000		3170846.13		P	0.1
5	☐	1.000		3153139.47		P	0.8
6	☐	1.000		3159877.18		P	1.2
7	☐	1.000		3245732.21		P	1.0
8	☐	1.000		3083481.24		P	0.8
9	☐	1.000		2872457.53		P	0.7

115 In (ISTD) [No Gas]

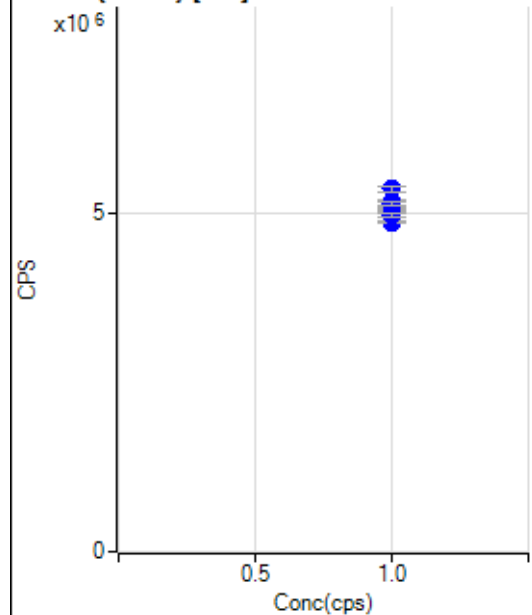
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7632013.31		A	0.3
2	☐	1.000					
3	☐	1.000		7829646.28		A	0.2
4	☐	1.000		7825303.25		A	0.7
5	☐	1.000		7787445.65		A	0.0
6	☐	1.000		7782322.35		A	0.9
7	☐	1.000		7799383.50		A	2.4
8	☐	1.000		7557570.35		A	1.1
9	☐	1.000		7391434.55		A	0.5

115 In (ISTD) [He]

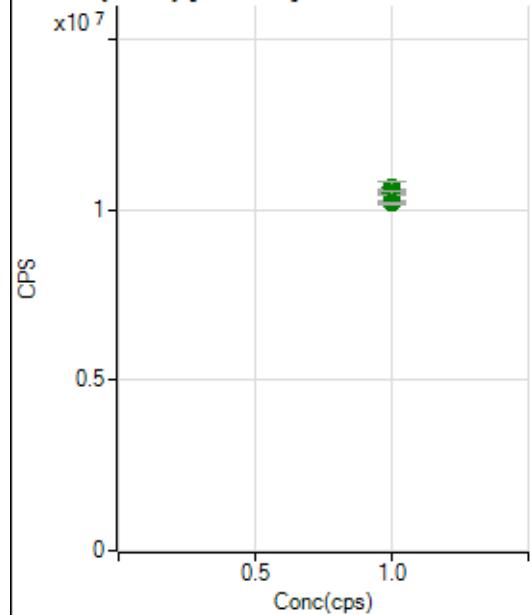
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1422349.92		P	0.4
2	☐	1.000					
3	☐	1.000		1473292.91		P	0.1
4	☐	1.000		1473203.66		P	0.4
5	☐	1.000		1470793.20		P	1.2
6	☐	1.000		1478752.15		P	1.6
7	☐	1.000		1520547.60		P	1.0
8	☐	1.000		1443869.73		P	1.0
9	☐	1.000		1435615.40		P	0.9

159 Tb (ISTD) [No Gas]

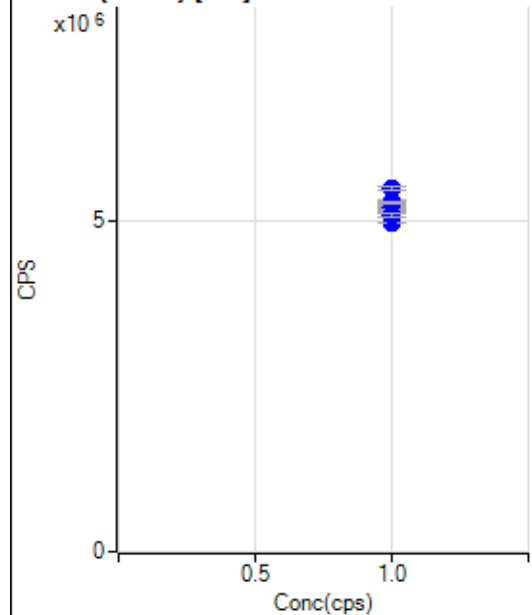
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10479219.36		A	0.1
2	☐	1.000					
3	☐	1.000		10823545.95		A	0.4
4	☐	1.000		10856747.06		A	0.5
5	☐	1.000		10825548.59		A	1.1
6	☐	1.000		10985265.12		A	0.7
7	☐	1.000		11068523.66		A	3.3
8	☐	1.000		10860930.46		A	1.0
9	☐	1.000		10484991.58		A	0.9

159 Tb (ISTD) [He]

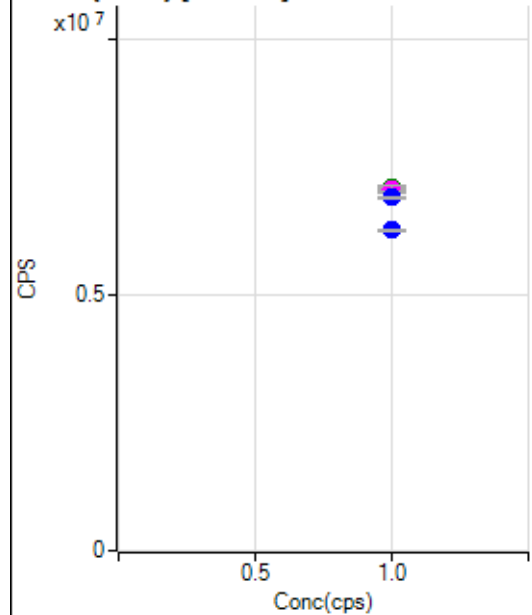
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4876406.70		P	0.3
2	☐	1.000					
3	☐	1.000		5047261.76		P	0.4
4	☐	1.000		5104441.45		P	0.4
5	☐	1.000		5108254.23		P	0.7
6	☐	1.000		5170079.09		P	1.6
7	☐	1.000		5369879.78		P	1.4
8	☐	1.000		5152127.42		P	1.1
9	☐	1.000		4982184.33		P	1.0

165 Ho (ISTD) [No Gas]

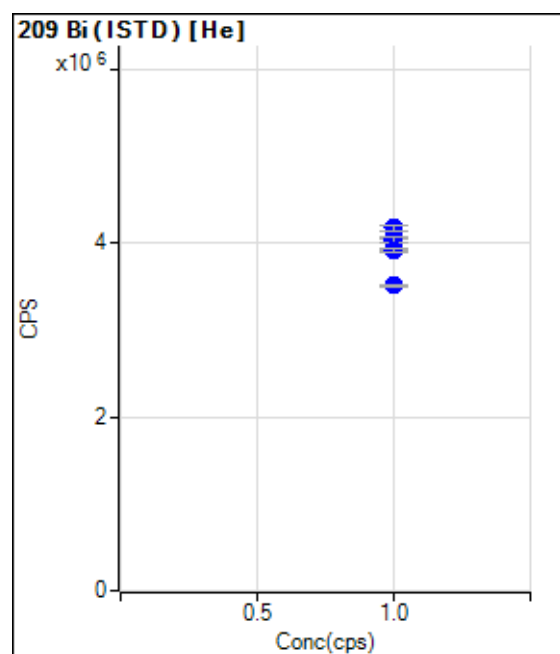
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10242467.85		A	0.6
2	☐	1.000					
3	☐	1.000		10468662.56		A	0.4
4	☐	1.000		10584672.63		A	0.5
5	☐	1.000		10494636.87		A	0.8
6	☐	1.000		10565793.03		A	1.2
7	☐	1.000		10657590.86		A	3.2
8	☐	1.000		10518601.54		A	1.2
9	☐	1.000		10201647.71		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4980195.83		P	0.1
2	☐	1.000					
3	☐	1.000		5146700.86		P	0.3
4	☐	1.000		5204558.74		P	0.6
5	☐	1.000		5214127.67		P	0.9
6	☐	1.000		5274049.09		P	1.5
7	☐	1.000		5489712.49		P	1.2
8	☐	1.000		5282425.51		P	0.8
9	☐	1.000		5087471.21		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7017341.70		P	0.6
2	☐	1.000					
3	☐	1.000		7060355.38		A	0.5
4	☐	1.000		7092487.11		A	0.1
5	☐	1.000		6994571.43		A	0.3
6	☐	1.000		7030722.12		A	0.6
7	☐	1.000		7076250.38		M	1.8
8	☐	1.000		6902929.76		P	0.8
9	☐	1.000		6260703.38		P	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3913781.47		P	0.3
2	☐	1.000					
3	☐	1.000		4011280.88		P	0.3
4	☐	1.000		4072044.11		P	0.2
5	☐	1.000		4028903.76		P	0.7
6	☐	1.000		4046860.12		P	1.8
7	☐	1.000		4177920.49		P	1.4
8	☐	1.000		3915757.48		P	1.3
9	☐	1.000		3520014.77		P	0.6

US EPA Tune Check Sample Report

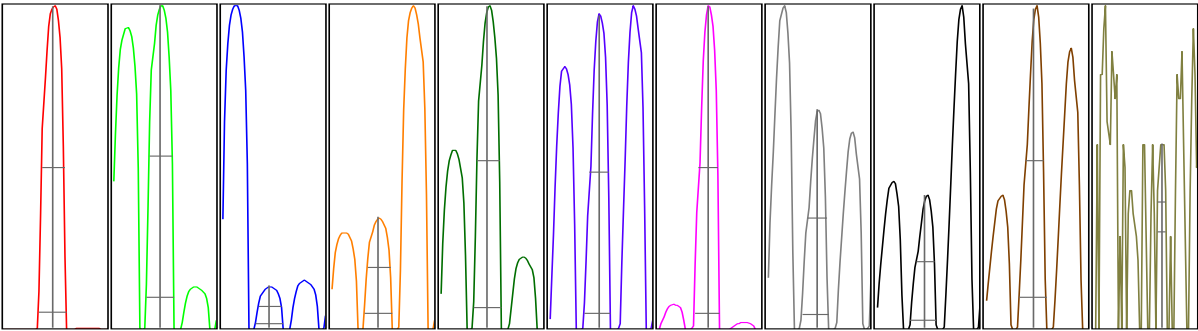
Batch Folder D:\ICP-MS Data\P7070517B.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5650	1.10	5.00	
24	49326	1.55	5.00	
25	6564	1.69	5.00	
26	7572	1.32	5.00	
59	66970	0.76	5.00	
113	9678	0.43	5.00	
115	130380	1.78	5.00	
206	31044	1.13	5.00	
207	28360	1.27	5.00	
208	66724	1.05	5.00	
220	0	37.42		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5602	5606	5688	5614	5741
24	48222	49025	49380	49778	50225
25	6380	6559	6589	6617	6673
26	7398	7590	7594	7625	7650
59	66152	67015	66986	67154	67540
113	9744	9688	9637	9653	9665
115	133703	131467	129924	129185	127623
206	30504	30917	31140	31402	31255
207	27852	28167	28427	28582	28772
208	65722	66358	66901	67519	67122
220	0	0	0	0	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	9300	8.95	8.9 - 9.1		0.818	0.900	
24	77027	23.90	23.9 - 24.1		0.805	0.900	
25	10113	24.90	24.9 - 25.1		0.800	0.900	
26	11671	25.90	25.9 - 26.1		0.803	0.900	
59	109559	58.90	58.9 - 59.1		0.803	0.900	
113	18145	113.00	112.9 - 113.1		0.764	0.900	
115	243392	115.00	114.9 - 115.1		0.735	0.900	
206	59751	206.00	205.9 - 206.1		0.774	0.900	
207	53364	206.95	206.9 - 207.1		0.737	0.900	
208	129022	207.95	207.9 - 208.1		0.771	0.900	
220	0	220.50	-		0.230		

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	14.2	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	17640	0.60	
89	850	2.88	
205	26291	0.46	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	17659	17599	17757	17700	17483
89	884	863	843	838	821
205	26335	26300	26343	26394	26082

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	8.9	V	Deflect	2.0	V
Extract 2	-145.0	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 :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.16	-0.05	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.03	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	-0.10	0.22	-0.13	0.00	N/A	ppb
Boron	10-1	0.15	-0.23	0.08	0.00	N/A	ppb
Cadmium	106-1	0.40	0.49	-0.88	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.02	0.05	0.00	N/A	ppb
Cadmium	111-1	0.03	0.03	-0.06	0.00	N/A	ppb
Calcium	43-1	1.85	-1.10	-0.74	0.00	N/A	ppb
Calcium	44-1	0.38	0.19	-0.57	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.03	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	0.03	0.00	-0.03	0.00	N/A	ppb
Iron	57-2	-0.48	-0.10	0.58	0.00	N/A	ppb
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	1.15	-1.12	-0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.02	0.00	N/A	ppb
Phosphorus	31-2	-8.42	8.35	0.53	0.16	5390.87	ppb
Potassium	39-2	6.43	-0.59	-5.84	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	-0.24	0.50	-0.26	0.00	N/A	ppb
Selenium	82-1	-0.79	-0.34	1.13	0.00	N/A	ppb
Silicon	28-1	0.28	0.39	-0.68	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.99	-0.54	-0.45	0.00	N/A	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	26.49	-33.99	46.80	13.10	320.83	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	0.00	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	-0.08	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

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

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.17	17.69	19.46	19.44	8.94	ppb
Antimony	121-1	1.83	1.79	1.79	1.80	1.14	ppb
Arsenic	75-2	1.04	0.91	0.84	0.93	11.08	ppb
Barium	135-1	8.89	8.72	8.99	8.87	1.56	ppb
Barium	137-1	8.89	9.24	9.17	9.10	2.00	ppb
Beryllium	9-1	0.90	0.83	1.00	0.91	9.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	20.22	20.40	21.84	20.82	4.27	ppb
Boron	10-1	21.65	20.46	21.97	21.36	3.72	ppb
Cadmium	106-1	1.29	2.15	0.91	1.45	43.75	ppb
Cadmium	108-1	0.86	0.88	0.61	0.78	19.52	ppb
Cadmium	111-1	0.93	1.07	0.95	0.98	7.38	ppb
Calcium	43-1	414.11	435.34	431.65	427.03	2.66	ppb
Calcium	44-1	424.73	429.50	429.84	428.02	0.67	ppb
Chromium	52-2	1.95	2.02	2.03	2.00	2.15	ppb
Cobalt	59-2	0.92	0.93	0.95	0.93	1.41	ppb
Copper	63-2	2.16	2.20	2.31	2.22	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.18	48.52	47.97	48.22	0.57	ppb
Iron	57-2	49.70	44.32	43.45	45.83	7.38	ppb
Lead	206-1	1.06	1.14	1.08	1.09	3.78	ppb
Lead	207-1	1.04	1.11	1.01	1.05	5.00	ppb
Lead	208-1	1.06	1.10	1.07	1.08	1.92	ppb
Lithium	6-1						%
Magnesium	24-2	454.57	447.87	455.88	452.77	0.95	ppb
Manganese	55-2	0.87	0.96	0.99	0.94	6.76	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.45	4.38	4.31	4.38	1.59	ppb
Molybdenum	94-1	2.05	2.09	2.12	2.09	1.70	ppb
Molybdenum	95-1	4.42	4.47	4.19	4.36	3.48	ppb
Molybdenum	96-1	3.76	3.84	3.76	3.79	1.20	ppb
Molybdenum	97-1	4.09	4.46	4.26	4.27	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.98	0.95	0.98	2.26	ppb
Phosphorus	31-2	-14.01	-2.62	16.16	-0.16		ppb
Potassium	39-2	448.67	447.89	438.99	445.18	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.96	4.95	2.45	4.12	35.18	ppb
Selenium	78-2	4.86	3.91	5.57	4.78	17.43	ppb
Selenium	82-1	4.61	6.15	6.02	5.59	15.30	ppb
Silicon	28-1	7.14	7.05	7.20	7.13	1.03	ppb
Silver	109-1	1.27	1.23	1.21	1.24	2.32	ppb
Silver	107-1	1.21	1.20	1.23	1.21	1.56	ppb
Sodium	23-2	466.97	465.58	464.74	465.76	0.24	ppb
Strontium	86-1	0.86	0.96	0.83	0.88	7.50	ppb
Strontium	88-1	0.92	0.97	0.89	0.93	4.52	ppb
Sulfur	34-1	-7.78	-112.91	81.39	-13.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.88	0.87	0.90	4.17	ppb
Thallium	205-1	0.93	0.92	0.92	0.92	0.77	ppb
Tin	118-1	4.50	4.42	4.45	4.46	0.88	ppb
Titanium	47-1	4.14	4.59	4.30	4.34	5.32	ppb
Uranium	238-1	0.88	0.90	0.88	0.89	1.65	ppb
Vanadium	51-2	4.58	4.63	4.61	4.61	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.12	1.99	2.47	2.19	11.45	ppb
Zirconium	90-1	0.92	0.96	0.90	0.92	3.56	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.90	0.99	0.94	5.10	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:01:29	DataFile Name :	006CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	982.93	993.15	978.78	984.95	0.75	ppb
Antimony	121-1	48.72	49.41	49.85	49.32	1.16	ppb
Arsenic	75-2	50.61	51.59	51.25	51.15	0.98	ppb
Barium	135-1	246.72	250.68	248.47	248.62	0.80	ppb
Barium	137-1	249.24	254.16	251.05	251.48	0.99	ppb
Beryllium	9-1	50.86	50.02	50.57	50.48	0.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	46.63	48.71	49.40	48.25	3.00	ppb
Boron	10-1	46.14	46.48	46.61	46.41	0.52	ppb
Cadmium	106-1	51.21	50.97	51.41	51.20	0.42	ppb
Cadmium	108-1	51.14	54.45	52.30	52.63	3.19	ppb
Cadmium	111-1	51.96	52.10	52.20	52.09	0.23	ppb
Calcium	43-1	4904.79	4832.57	4882.59	4873.32	0.76	ppb
Calcium	44-1	4898.60	4907.35	4911.53	4905.83	0.13	ppb
Chromium	52-2	52.66	52.41	52.19	52.42	0.45	ppb
Cobalt	59-2	52.84	53.23	52.40	52.82	0.79	ppb
Copper	63-2	106.81	106.67	106.89	106.79	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2694.45	2703.13	2669.61	2689.06	0.65	ppb
Iron	57-2	2647.91	2662.68	2651.00	2653.86	0.29	ppb
Lead	206-1	50.37	49.65	49.72	49.91	0.79	ppb
Lead	207-1	50.56	50.28	49.55	50.13	1.05	ppb
Lead	208-1	50.39	50.09	49.97	50.15	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	5140.65	5159.62	5136.84	5145.70	0.24	ppb
Manganese	55-2	104.26	103.54	104.15	103.98	0.37	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:01:29	DataFile Name :	006CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.37	50.01	49.41	49.60	0.73	ppb
Molybdenum	94-1	47.66	48.84	48.56	48.35	1.27	ppb
Molybdenum	95-1	48.36	49.82	49.73	49.30	1.66	ppb
Molybdenum	96-1	48.89	48.98	49.32	49.06	0.46	ppb
Molybdenum	97-1	49.57	49.90	50.51	49.99	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.09	54.65	53.68	54.14	0.91	ppb
Phosphorus	31-2	1014.19	1006.28	1036.44	1018.97	1.53	ppb
Potassium	39-2	2468.63	2495.82	2462.68	2475.71	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.11	51.66	42.39	47.06	9.85	ppb
Selenium	78-2	52.80	49.07	50.97	50.95	3.67	ppb
Selenium	82-1	52.70	52.72	52.54	52.65	0.19	ppb
Silicon	28-1	51.11	50.45	51.13	50.90	0.77	ppb
Silver	109-1	50.73	51.32	51.44	51.16	0.75	ppb
Silver	107-1	50.65	51.21	51.42	51.09	0.78	ppb
Sodium	23-2	5063.45	5102.48	5034.09	5066.68	0.68	ppb
Strontium	86-1	49.89	50.30	49.94	50.04	0.45	ppb
Strontium	88-1	50.00	50.27	50.42	50.23	0.42	ppb
Sulfur	34-1	957.34	925.63	912.19	931.72	2.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.03	49.52	49.51	49.35	0.56	ppb
Thallium	205-1	50.43	49.69	50.03	50.05	0.73	ppb
Tin	118-1	50.11	50.57	50.13	50.27	0.52	ppb
Titanium	47-1	50.33	50.39	50.17	50.30	0.22	ppb
Uranium	238-1	48.88	48.80	48.68	48.79	0.20	ppb
Vanadium	51-2	51.40	51.26	51.01	51.22	0.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	108.25	108.48	106.58	107.77	0.96	ppb
Zirconium	90-1	47.71	47.60	47.96	47.76	0.38	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:01:29	DataFile Name :	006CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.93	47.96	48.39	48.09	0.54	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:05:16	DataFile Name :	007CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2455.33	2507.13	2471.91	2478.13	1.07	ppb
Antimony	121-1	122.64	126.02	123.04	123.90	1.49	ppb
Arsenic	75-2	126.82	126.23	127.38	126.81	0.45	ppb
Barium	135-1	618.18	629.39	612.26	619.94	1.40	ppb
Barium	137-1	628.89	641.61	629.96	633.49	1.11	ppb
Beryllium	9-1	126.42	127.24	126.05	126.57	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	119.58	120.24	123.30	121.04	1.64	ppb
Boron	10-1	116.18	119.24	119.02	118.14	1.44	ppb
Cadmium	106-1	125.03	130.75	130.70	128.83	2.55	ppb
Cadmium	108-1	129.74	130.99	128.70	129.81	0.89	ppb
Cadmium	111-1	128.55	131.52	128.46	129.51	1.35	ppb
Calcium	43-1	12052.61	12151.29	12352.33	12185.41	1.25	ppb
Calcium	44-1	12308.88	12399.84	12446.64	12385.12	0.57	ppb
Chromium	52-2	129.37	129.59	129.55	129.50	0.09	ppb
Cobalt	59-2	131.05	130.53	130.56	130.71	0.22	ppb
Copper	63-2	264.91	264.24	265.48	264.88	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6562.79	6530.56	6559.48	6550.94	0.27	ppb
Iron	57-2	6522.34	6565.31	6522.06	6536.57	0.38	ppb
Lead	206-1	126.46	126.84	127.22	126.84	0.30	ppb
Lead	207-1	125.76	125.81	126.54	126.04	0.35	ppb
Lead	208-1	126.03	126.45	126.53	126.34	0.21	ppb
Lithium	6-1						%
Magnesium	24-2	12794.01	12851.90	12756.99	12800.97	0.37	ppb
Manganese	55-2	257.68	258.31	258.38	258.12	0.15	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:05:16	DataFile Name :	007CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	126.14	124.15	125.50	125.26	0.81	ppb
Molybdenum	94-1	122.26	121.86	122.91	122.34	0.43	ppb
Molybdenum	95-1	123.91	124.13	124.31	124.12	0.16	ppb
Molybdenum	96-1	123.88	122.99	123.24	123.37	0.37	ppb
Molybdenum	97-1	124.52	124.27	125.38	124.72	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.76	134.85	132.93	133.51	0.87	ppb
Phosphorus	31-2	2446.50	2590.21	2662.12	2566.28	4.28	ppb
Potassium	39-2	6160.88	6171.72	6113.42	6148.68	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	142.02	128.49	123.42	131.31	7.32	ppb
Selenium	78-2	128.34	132.49	129.89	130.24	1.61	ppb
Selenium	82-1	131.63	128.02	129.69	129.78	1.39	ppb
Silicon	28-1	130.49	133.55	133.16	132.40	1.26	ppb
Silver	109-1	126.46	128.78	125.83	127.02	1.23	ppb
Silver	107-1	126.80	129.17	126.48	127.49	1.15	ppb
Sodium	23-2	12744.34	12819.54	12754.03	12772.64	0.32	ppb
Strontium	86-1	126.18	123.78	125.61	125.19	1.00	ppb
Strontium	88-1	127.98	126.46	127.13	127.19	0.60	ppb
Sulfur	34-1	2114.21	2104.38	2055.80	2091.47	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.36	124.68	123.68	124.24	0.41	ppb
Thallium	205-1	127.26	126.91	126.77	126.98	0.20	ppb
Tin	118-1	124.30	127.97	124.04	125.44	1.75	ppb
Titanium	47-1	125.70	126.03	123.73	125.15	1.00	ppb
Uranium	238-1	124.64	125.13	124.17	124.65	0.39	ppb
Vanadium	51-2	126.83	128.11	127.28	127.41	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	266.04	268.31	268.11	267.49	0.47	ppb
Zirconium	90-1	121.32	120.53	121.47	121.11	0.42	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:05:16	DataFile Name :	007CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.59	119.81	122.54	121.64	1.31	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4989.86	5017.50	4861.67	4956.35	1.68	ppb
Antimony	121-1	246.35	245.38	249.38	247.04	0.85	ppb
Arsenic	75-2	254.92	250.98	249.51	251.80	1.11	ppb
Barium	135-1	1237.03	1235.16	1240.46	1237.55	0.22	ppb
Barium	137-1	1253.70	1263.27	1266.35	1261.11	0.52	ppb
Beryllium	9-1	250.21	250.26	249.77	250.08	0.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	237.70	239.61	247.32	241.54	2.11	ppb
Boron	10-1	236.77	240.49	238.94	238.73	0.78	ppb
Cadmium	106-1	252.32	244.63	254.28	250.41	2.04	ppb
Cadmium	108-1	256.01	257.91	255.12	256.35	0.55	ppb
Cadmium	111-1	253.45	251.16	255.71	253.44	0.90	ppb
Calcium	43-1	24136.17	23990.42	24159.13	24095.24	0.38	ppb
Calcium	44-1	24037.25	24030.70	24308.24	24125.40	0.66	ppb
Chromium	52-2	261.96	260.66	250.97	257.86	2.33	ppb
Cobalt	59-2	264.26	263.17	252.79	260.07	2.43	ppb
Copper	63-2	532.11	532.63	512.91	525.88	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13274.80	13138.82	12736.15	13049.92	2.15	ppb
Iron	57-2	13191.48	13193.65	12694.72	13026.62	2.21	ppb
Lead	206-1	248.42	249.78	252.06	250.08	0.73	ppb
Lead	207-1	250.59	250.45	252.79	251.28	0.52	ppb
Lead	208-1	251.93	251.60	254.47	252.67	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	26088.66	25956.30	25179.72	25741.56	1.91	ppb
Manganese	55-2	524.97	519.04	502.66	515.56	2.24	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	247.63	247.05	251.24	248.64	0.91	ppb
Molybdenum	94-1	244.38	242.25	246.45	244.36	0.86	ppb
Molybdenum	95-1	246.51	243.70	248.16	246.12	0.92	ppb
Molybdenum	96-1	244.30	242.99	247.66	244.99	0.98	ppb
Molybdenum	97-1	246.03	245.83	249.26	247.04	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.53	264.43	257.21	262.73	1.86	ppb
Phosphorus	31-2	5178.60	5088.67	4860.07	5042.45	3.26	ppb
Potassium	39-2	12672.13	12533.76	12131.09	12445.66	2.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	247.97	249.31	254.02	250.43	1.27	ppb
Selenium	78-2	261.20	258.04	256.13	258.46	0.99	ppb
Selenium	82-1	252.96	249.21	258.38	253.52	1.82	ppb
Silicon	28-1	264.42	262.43	266.61	264.49	0.79	ppb
Silver	109-1	251.07	247.79	251.72	250.19	0.84	ppb
Silver	107-1	248.62	249.58	252.50	250.23	0.81	ppb
Sodium	23-2	25448.31	25113.26	24499.88	25020.49	1.92	ppb
Strontium	86-1	248.38	246.35	249.91	248.21	0.72	ppb
Strontium	88-1	249.05	247.21	250.15	248.80	0.60	ppb
Sulfur	34-1	4465.59	4427.46	4373.37	4422.14	1.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.57	246.78	249.27	247.54	0.61	ppb
Thallium	205-1	252.88	254.03	255.74	254.22	0.57	ppb
Tin	118-1	246.90	247.40	251.40	248.57	0.99	ppb
Titanium	47-1	246.05	250.71	251.18	249.31	1.14	ppb
Uranium	238-1	247.50	247.00	249.12	247.87	0.45	ppb
Vanadium	51-2	258.23	257.28	248.98	254.83	2.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	544.13	540.67	517.63	534.14	2.70	ppb
Zirconium	90-1	242.93	241.26	245.33	243.18	0.84	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	244.12	242.10	244.35	243.52	0.51	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9563.30	9382.51	9551.79	9499.20	1.07	ppb
Antimony	121-1	493.81	503.25	534.15	510.41	4.13	ppb
Arsenic	75-2	502.98	491.87	501.53	498.79	1.21	ppb
Barium	135-1	2486.55	2500.85	2657.38	2548.26	3.72	ppb
Barium	137-1	2477.81	2507.36	2627.06	2537.41	3.11	ppb
Beryllium	9-1	501.63	500.05	516.72	506.13	1.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	478.38	489.07	510.67	492.71	3.34	ppb
Boron	10-1	474.98	488.43	511.74	491.72	3.78	ppb
Cadmium	106-1	496.70	504.78	527.75	509.74	3.16	ppb
Cadmium	108-1	497.27	503.09	544.59	514.98	5.01	ppb
Cadmium	111-1	501.27	504.41	535.85	513.84	3.72	ppb
Calcium	43-1	48800.79	48538.84	50690.63	49343.42	2.38	ppb
Calcium	44-1	48646.76	48763.75	50876.01	49428.84	2.54	ppb
Chromium	52-2	501.07	493.17	500.77	498.34	0.90	ppb
Cobalt	59-2	501.35	495.57	502.28	499.73	0.73	ppb
Copper	63-2	1008.97	993.11	1014.44	1005.51	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25260.07	24802.07	25157.84	25073.33	0.96	ppb
Iron	57-2	25284.65	24774.75	25295.40	25118.27	1.18	ppb
Lead	206-1	508.73	507.82	525.08	513.87	1.89	ppb
Lead	207-1	507.28	509.64	523.67	513.53	1.73	ppb
Lead	208-1	504.72	508.09	521.73	511.51	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	49050.91	48156.15	49216.48	48807.85	1.17	ppb
Manganese	55-2	999.57	980.55	994.44	991.52	0.99	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	501.37	499.02	523.37	507.92	2.64	ppb
Molybdenum	94-1	502.36	498.53	520.28	507.06	2.29	ppb
Molybdenum	95-1	495.28	496.18	518.40	503.29	2.60	ppb
Molybdenum	96-1	497.09	495.27	516.56	502.97	2.35	ppb
Molybdenum	97-1	493.72	494.13	515.54	501.13	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.95	497.43	508.17	504.51	1.22	ppb
Phosphorus	31-2	10126.37	9708.96	10162.72	9999.35	2.52	ppb
Potassium	39-2	24399.87	23991.64	24321.25	24237.59	0.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	541.48	516.78	489.62	515.96	5.03	ppb
Selenium	78-2	505.23	485.88	514.42	501.84	2.90	ppb
Selenium	82-1	510.57	509.34	530.76	516.89	2.33	ppb
Silicon	28-1	534.15	538.01	566.58	546.25	3.24	ppb
Silver	109-1	493.78	497.62	534.15	508.52	4.38	ppb
Silver	107-1	493.90	502.72	531.77	509.46	3.89	ppb
Sodium	23-2	48540.28	47753.64	48954.61	48416.17	1.26	ppb
Strontium	86-1	497.65	498.16	521.64	505.81	2.71	ppb
Strontium	88-1	500.49	500.41	526.75	509.22	2.98	ppb
Sulfur	34-1	9569.19	9563.84	10397.89	9843.64	4.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.53	503.56	518.68	508.59	1.72	ppb
Thallium	205-1	502.09	500.57	520.28	507.65	2.16	ppb
Tin	118-1	495.36	503.23	530.26	509.62	3.59	ppb
Titanium	47-1	497.78	500.02	529.22	509.00	3.45	ppb
Uranium	238-1	497.86	502.35	518.00	506.07	2.09	ppb
Vanadium	51-2	495.56	488.43	498.66	494.22	1.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1028.37	1007.95	1036.33	1024.22	1.43	ppb
Zirconium	90-1	497.57	497.74	519.34	504.88	2.48	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.09	496.24	517.18	503.51	2.35	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:16:15	DataFile Name :	010CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18766.15	19085.89	19483.39	19111.81	1.88	ppb
Antimony	121-1	988.94	1011.29	986.89	995.71	1.36	ppb
Arsenic	75-2	993.38	993.11	1013.12	999.87	1.15	ppb
Barium	135-1	4991.32	5010.29	4937.45	4979.69	0.76	ppb
Barium	137-1	4937.76	5035.88	4958.51	4977.38	1.04	ppb
Beryllium	9-1	996.21	1000.37	993.50	996.69	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	990.35	1013.44	1015.56	1006.45	1.39	ppb
Boron	10-1	993.07	1016.34	1014.85	1008.09	1.29	ppb
Cadmium	106-1	984.07	1004.01	995.38	994.49	1.01	ppb
Cadmium	108-1	984.77	1014.01	971.78	990.19	2.18	ppb
Cadmium	111-1	984.92	1000.15	989.59	991.55	0.79	ppb
Calcium	43-1	96134.79	97784.84	97383.70	97101.11	0.89	ppb
Calcium	44-1	96387.92	98163.80	96314.23	96955.31	1.08	ppb
Chromium	52-2	977.57	996.03	1020.94	998.18	2.18	ppb
Cobalt	59-2	977.01	994.72	1018.55	996.76	2.09	ppb
Copper	63-2	1944.57	1981.60	2039.55	1988.58	2.41	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	49267.70	49980.50	51255.03	50167.74	2.01	ppb
Iron	57-2	49315.17	50155.83	51620.55	50363.85	2.32	ppb
Lead	206-1	983.92	1006.19	988.34	992.82	1.19	ppb
Lead	207-1	988.29	996.88	993.16	992.78	0.43	ppb
Lead	208-1	991.02	1000.05	989.14	993.40	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	95141.99	96445.14	98718.97	96768.70	1.87	ppb
Manganese	55-2	1958.80	1997.10	2041.51	1999.14	2.07	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:16:15	DataFile Name :	010CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	994.41	1013.93	980.77	996.37	1.67	ppb
Molybdenum	94-1	993.29	1011.06	990.58	998.31	1.11	ppb
Molybdenum	95-1	990.91	1010.20	997.32	999.48	0.98	ppb
Molybdenum	96-1	989.24	1015.33	995.49	1000.02	1.36	ppb
Molybdenum	97-1	988.21	1015.91	996.52	1000.21	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	972.11	991.69	1016.07	993.29	2.22	ppb
Phosphorus	31-2	19530.63	19824.94	20585.87	19980.48	2.73	ppb
Potassium	39-2	47281.96	47767.65	48770.22	47939.94	1.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	940.26	1052.41	981.15	991.27	5.73	ppb
Selenium	78-2	982.25	990.87	1015.67	996.26	1.74	ppb
Selenium	82-1	979.95	1006.36	983.51	989.94	1.45	ppb
Silicon	28-1	1010.04	1030.35	876.56	972.31	8.59	ppb
Silver	109-1	984.35	1007.46	994.34	995.38	1.16	ppb
Silver	107-1	988.84	1013.96	981.73	994.85	1.70	ppb
Sodium	23-2	95461.42	96624.93	98719.51	96935.29	1.70	ppb
Strontium	86-1	988.78	1013.27	990.49	997.51	1.37	ppb
Strontium	88-1	993.10	1008.38	984.75	995.41	1.20	ppb
Sulfur	34-1	20227.06	20745.71	19858.61	20277.13	2.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	986.40	1009.32	993.62	996.45	1.18	ppb
Thallium	205-1	986.73	1007.37	990.52	994.87	1.10	ppb
Tin	118-1	996.42	1003.87	986.17	995.48	0.89	ppb
Titanium	47-1	991.18	1011.36	984.38	995.64	1.41	ppb
Uranium	238-1	987.45	1010.34	995.02	997.60	1.17	ppb
Vanadium	51-2	978.78	999.76	1025.43	1001.32	2.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1937.33	1975.46	2017.56	1976.78	2.03	ppb
Zirconium	90-1	989.40	1014.36	995.82	999.86	1.30	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:16:15	DataFile Name :	010CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	992.92	1013.68	994.54	1000.38	1.15	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100330.05	100676.56	99685.18	100230.60	0.50	ppb
Antimony	121-1	3.86	3.63	3.67	3.72	3.33	ppb
Arsenic	75-2	0.80	0.70	0.80	0.77	7.20	ppb
Barium	135-1	2.96	2.69	2.71	2.78	5.35	ppb
Barium	137-1	2.97	2.80	2.57	2.78	7.27	ppb
Beryllium	9-1	0.86	0.76	0.76	0.79	7.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	64.05	57.83	55.39	59.09	7.56	ppb
Boron	10-1	65.09	58.83	54.07	59.33	9.31	ppb
Cadmium	106-1	0.80	1.65	0.77	1.07	46.85	ppb
Cadmium	108-1	0.37	0.48	0.31	0.39	21.80	ppb
Cadmium	111-1	0.38	0.43	0.34	0.38	11.70	ppb
Calcium	43-1	493331.54	507586.07	501182.02	500699.88	1.43	ppb
Calcium	44-1	496406.13	504569.39	501165.49	500713.67	0.82	ppb
Chromium	52-2	24.07	24.01	23.77	23.95	0.67	ppb
Cobalt	59-2	1.69	1.61	1.61	1.64	2.92	ppb
Copper	63-2	4.22	4.08	4.05	4.12	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251811.42	249304.49	248650.71	249922.21	0.67	ppb
Iron	57-2	250385.08	250650.81	248605.22	249880.37	0.45	ppb
Lead	206-1	2.24	2.26	2.22	2.24	0.87	ppb
Lead	207-1	2.11	2.21	2.13	2.15	2.47	ppb
Lead	208-1	2.16	2.20	2.17	2.18	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	500359.21	500856.77	500942.41	500719.46	0.06	ppb
Manganese	55-2	8.06	8.24	8.20	8.17	1.14	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CAL5_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.72	4.54	4.86	4.70	3.42	ppb
Molybdenum	94-1	1.76	1.86	1.77	1.80	3.09	ppb
Molybdenum	95-1	4.64	4.53	4.56	4.57	1.23	ppb
Molybdenum	96-1	5.10	5.12	4.95	5.06	1.80	ppb
Molybdenum	97-1	4.62	4.79	4.53	4.65	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.52	14.69	14.51	14.57	0.71	ppb
Phosphorus	31-2	5.50	0.85	23.28	9.87	119.90	ppb
Potassium	39-2	249077.40	251538.72	250865.44	250493.86	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.82	0.00	1.19	1.00	92.06	ppb
Selenium	78-2	-0.21	1.35	1.23	0.79	110.09	ppb
Selenium	82-1	1.97	2.77	2.40	2.38	16.79	ppb
Silicon	28-1	14.08	14.90	14.42	14.47	2.87	ppb
Silver	109-1	0.26	0.22	0.22	0.23	10.37	ppb
Silver	107-1	0.25	0.23	0.20	0.22	11.31	ppb
Sodium	23-2	502019.00	501214.58	499054.98	500762.85	0.31	ppb
Strontium	86-1	35.27	34.99	34.50	34.92	1.11	ppb
Strontium	88-1	34.84	35.07	34.66	34.85	0.59	ppb
Sulfur	34-1	-560.59	-714.36	-567.99	-614.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.61	0.63	0.58	0.61	3.65	ppb
Thallium	205-1	0.64	0.62	0.60	0.62	3.27	ppb
Tin	118-1	1.57	1.45	1.45	1.49	4.89	ppb
Titanium	47-1	1.87	1.63	1.42	1.64	13.48	ppb
Uranium	238-1	0.32	0.31	0.28	0.31	6.96	ppb
Vanadium	51-2	0.52	0.50	0.50	0.51	2.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.22	16.35	16.95	16.51	2.33	ppb
Zirconium	90-1	0.37	0.38	0.34	0.36	6.63	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CALS_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.36	0.38	0.37	3.86	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.56	518.17	480.04	496.59	3.94	ppb
Antimony	121-1	196.24	191.73	189.19	192.39	1.86	ppb
Arsenic	75-2	197.07	209.55	198.51	201.71	3.38	ppb
Barium	135-1	99.97	96.52	96.42	97.63	2.07	ppb
Barium	137-1	101.25	98.35	97.00	98.87	2.20	ppb
Beryllium	9-1	98.89	97.09	97.71	97.90	0.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	539.74	530.57	535.66	535.32	0.86	ppb
Boron	10-1	536.04	534.69	537.20	535.98	0.23	ppb
Cadmium	106-1	87.52	84.96	83.88	85.45	2.19	ppb
Cadmium	108-1	100.37	96.47	91.54	96.13	4.60	ppb
Cadmium	111-1	102.96	100.51	100.16	101.21	1.51	ppb
Calcium	43-1	1908.18	1824.47	1823.67	1852.11	2.62	ppb
Calcium	44-1	1925.08	1884.28	1875.17	1894.84	1.40	ppb
Chromium	52-2	98.13	104.18	97.63	99.98	3.65	ppb
Cobalt	59-2	101.55	107.90	101.64	103.70	3.51	ppb
Copper	63-2	102.68	109.53	102.81	105.01	3.73	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	1035.80	1095.78	1028.26	1053.28	3.51	ppb
Iron	57-2	1031.85	1119.47	1017.59	1056.31	5.22	ppb
Lead	206-1	197.48	193.97	191.98	194.48	1.43	ppb
Lead	207-1	190.67	185.84	184.88	187.13	1.66	ppb
Lead	208-1	195.35	190.64	189.42	191.80	1.63	ppb
Lithium	6-1						%
Magnesium	24-2	1165.90	1275.62	1175.54	1205.69	5.04	ppb
Manganese	55-2	99.51	106.69	99.76	101.99	4.00	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	473.83	465.43	464.41	467.89	1.11	ppb
Molybdenum	94-1	151.04	147.76	147.11	148.64	1.42	ppb
Molybdenum	95-1	470.80	459.51	457.41	462.57	1.56	ppb
Molybdenum	96-1	393.96	383.77	383.59	387.11	1.53	ppb
Molybdenum	97-1	471.49	462.42	458.63	464.18	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.10	110.65	103.51	106.08	3.74	ppb
Phosphorus	31-2	6.28	4.37	-0.13	3.51	93.77	ppb
Potassium	39-2	1968.45	2077.86	1946.58	1997.63	3.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	185.18	240.50	215.03	213.57	12.96	ppb
Selenium	78-2	201.22	213.56	203.52	206.10	3.18	ppb
Selenium	82-1	199.27	198.37	197.40	198.35	0.47	ppb
Silicon	28-1	488.42	474.90	477.37	480.23	1.50	ppb
Silver	109-1	102.99	100.68	99.16	100.94	1.91	ppb
Silver	107-1	103.52	100.57	99.19	101.09	2.19	ppb
Sodium	23-2	1995.74	2122.97	1977.61	2032.11	3.90	ppb
Strontium	86-1	2.36	2.08	2.15	2.20	6.71	ppb
Strontium	88-1	2.27	2.20	2.20	2.22	1.84	ppb
Sulfur	34-1	-823.80	-889.33	-1072.01	-928.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	197.61	192.11	192.74	194.15	1.55	ppb
Thallium	205-1	202.56	197.99	197.39	199.31	1.42	ppb
Tin	118-1	499.25	485.95	483.24	489.48	1.75	ppb
Titanium	47-1	466.84	455.30	459.01	460.38	1.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	266.69	ppb
Vanadium	51-2	97.98	104.11	98.05	100.05	3.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	207.08	220.73	204.37	210.73	4.16	ppb
Zirconium	90-1	1.73	1.29	1.14	1.39	21.95	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.59	1.30	1.21	1.37	14.50	ppb

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:26:55 DataFile Name : 013CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.11	0.41	0.06	482.86	ppb
Antimony	121-1	0.84	0.83	0.83	0.83	0.40	ppb
Arsenic	75-2	0.09	0.15	0.09	0.11	28.91	ppb
Barium	135-1	0.02	0.05	0.01	0.03	72.33	ppb
Barium	137-1	0.01	0.02	0.02	0.02	32.98	ppb
Beryllium	9-1	0.24	0.22	0.25	0.24	6.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	22.11	22.06	21.88	22.02	0.55	ppb
Boron	10-1	22.39	22.86	21.73	22.33	2.53	ppb
Cadmium	106-1	1.59	-0.07	0.80	0.77	107.16	ppb
Cadmium	108-1	0.01	-0.04	-0.01	-0.01		ppb
Cadmium	111-1	0.15	0.00	0.08	0.08	95.39	ppb
Calcium	43-1	1.35	3.88	7.15	4.13	70.42	ppb
Calcium	44-1	3.74	3.17	2.59	3.17	18.22	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.11	0.10	0.10	13.82	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	4.25	4.15	3.88	4.09	4.76	ppb
Iron	57-2	3.75	2.48	3.95	3.39	23.55	ppb
Lead	206-1	0.12	0.10	0.10	0.11	14.47	ppb
Lead	207-1	0.14	0.12	0.11	0.12	13.57	ppb
Lead	208-1	0.12	0.12	0.11	0.12	8.02	ppb
Lithium	6-1						%
Magnesium	24-2	-8.61	-8.72	-10.01	-9.11		ppb
Manganese	55-2	-0.08	-0.06	-0.09	-0.08		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:26:55	DataFile Name :	013CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.36	0.30	0.34	0.33	9.43	ppb
Molybdenum	94-1	0.10	0.08	0.11	0.09	12.05	ppb
Molybdenum	95-1	0.38	0.31	0.30	0.33	13.31	ppb
Molybdenum	96-1	0.28	0.26	0.27	0.27	3.11	ppb
Molybdenum	97-1	0.36	0.27	0.30	0.31	14.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.16	-0.18	-0.15		ppb
Phosphorus	31-2	5.04	15.23	-1.85	6.14	139.94	ppb
Potassium	39-2	0.46	-0.93	3.19	0.91	230.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.57	0.57	0.38	86.60	ppb
Selenium	78-2	-0.16	-0.57	-0.38	-0.37		ppb
Selenium	82-1	0.92	1.63	0.93	1.16	35.33	ppb
Silicon	28-1	-0.23	0.03	0.14	-0.02		ppb
Silver	109-1	0.03	0.02	0.03	0.03	13.71	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.43	ppb
Sodium	23-2	23.87	22.59	20.81	22.42	6.85	ppb
Strontium	86-1	-0.01	-0.06	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	39.89	ppb
Sulfur	34-1	-860.65	-882.10	-923.25	-888.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.10	0.09	9.23	ppb
Thallium	205-1	0.10	0.11	0.08	0.10	16.55	ppb
Tin	118-1	0.62	0.61	0.54	0.59	7.20	ppb
Titanium	47-1	0.14	0.04	0.14	0.11	52.42	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	50.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.20	0.32	0.22	42.22	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:26:55	DataFile Name :	013CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	680.19	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:30:24	DataFile Name :	014ICSAB01_P7070517f

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91564.36	92335.60	92641.24	92180.40	0.60	ppb
Antimony	121-1	1.46	1.48	1.60	1.52	5.14	ppb
Arsenic	75-2	0.35	0.43	0.39	0.39	9.99	ppb
Barium	135-1	1.67	1.53	1.49	1.56	5.88	ppb
Barium	137-1	1.55	1.54	1.60	1.56	2.19	ppb
Beryllium	9-1	0.33	0.41	0.41	0.39	11.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.89	17.92	16.47	17.09	4.37	ppb
Boron	10-1	17.21	16.54	15.10	16.28	6.62	ppb
Cadmium	106-1	0.73	1.20	1.89	1.28	45.66	ppb
Cadmium	108-1	11.48	11.25	11.39	11.37	1.04	ppb
Cadmium	111-1	0.38	0.54	0.51	0.48	17.24	ppb
Calcium	43-1	96275.29	95520.07	95275.29	95690.22	0.54	ppb
Calcium	44-1	97139.07	95615.15	96004.38	96252.87	0.82	ppb
Chromium	52-2	20.10	20.03	20.55	20.23	1.38	ppb
Cobalt	59-2	1.15	1.23	1.15	1.18	4.05	ppb
Copper	63-2	7.91	8.15	7.86	7.97	1.98	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	102169.12	101767.67	102827.53	102254.78	0.52	ppb
Iron	57-2	101928.97	102541.37	103331.91	102600.75	0.69	ppb
Lead	206-1	4.80	4.59	4.78	4.72	2.52	ppb
Lead	207-1	4.13	4.07	4.18	4.13	1.30	ppb
Lead	208-1	4.36	4.30	4.41	4.35	1.34	ppb
Lithium	6-1						%
Magnesium	24-2	96274.73	96795.76	97067.95	96712.81	0.42	ppb
Manganese	55-2	8.11	8.17	8.02	8.10	0.96	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:30:24	DataFile Name :	014ICSAB01_P7070517f

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1968.35	1942.03	1963.44	1957.94	0.72	ppb
Molybdenum	94-1	631.52	625.25	629.83	628.87	0.52	ppb
Molybdenum	95-1	1988.05	1967.82	1994.45	1983.44	0.70	ppb
Molybdenum	96-1	1666.18	1630.06	1647.35	1647.86	1.10	ppb
Molybdenum	97-1	1992.94	1953.08	1971.73	1972.58	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.22	5.53	5.34	3.09	ppb
Phosphorus	31-2	100067.71	100212.04	100690.13	100323.29	0.32	ppb
Potassium	39-2	97762.00	98431.24	98453.51	98215.59	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.57	0.19	173.21	ppb
Selenium	78-2	0.38	-0.48	0.38	0.09	539.88	ppb
Selenium	82-1	0.68	0.55	1.29	0.84	47.23	ppb
Silicon	28-1	26.97	25.87	26.07	26.30	2.23	ppb
Silver	109-1	0.08	0.09	0.11	0.09	13.31	ppb
Silver	107-1	0.07	0.09	0.11	0.09	22.16	ppb
Sodium	23-2	96993.74	97821.59	98058.22	97624.52	0.57	ppb
Strontium	86-1	33.56	33.54	33.91	33.67	0.62	ppb
Strontium	88-1	34.13	33.96	34.20	34.10	0.35	ppb
Sulfur	34-1	105122.15	103534.35	104077.64	104244.71	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.11	0.11	0.11	4.59	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	9.63	ppb
Tin	118-1	0.39	0.38	0.39	0.39	1.01	ppb
Titanium	47-1	1984.06	1961.16	1986.75	1977.32	0.71	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.88	ppb
Vanadium	51-2	0.17	0.17	0.15	0.16	5.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.90	12.76	12.30	12.32	3.47	ppb
Zirconium	90-1	0.61	0.56	0.52	0.57	8.12	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:30:24	DataFile Name :	014ICSAB01_P7070517f

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.62	0.56	0.57	0.59	5.60	ppb

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:33:51 DataFile Name : 015ICSB_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91930.63	92837.91	93402.04	92723.53	0.80	ppb
Antimony	121-1	21.14	20.85	21.35	21.12	1.20	ppb
Arsenic	75-2	21.01	21.11	20.79	20.97	0.78	ppb
Barium	135-1	22.16	21.54	22.08	21.93	1.53	ppb
Barium	137-1	22.38	22.53	22.87	22.60	1.11	ppb
Beryllium	9-1	21.41	21.06	22.05	21.51	2.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	56.31	53.81	55.60	55.24	2.33	ppb
Boron	10-1	53.80	54.41	52.68	53.63	1.64	ppb
Cadmium	106-1	17.94	18.05	16.99	17.66	3.31	ppb
Cadmium	108-1	31.84	28.09	27.64	29.19	7.91	ppb
Cadmium	111-1	20.51	20.68	20.55	20.58	0.42	ppb
Calcium	43-1	96011.91	96597.58	96444.15	96351.21	0.32	ppb
Calcium	44-1	96637.26	96905.93	96646.89	96730.03	0.16	ppb
Chromium	52-2	40.31	40.71	40.89	40.64	0.73	ppb
Cobalt	59-2	21.73	21.88	21.99	21.87	0.59	ppb
Copper	63-2	28.83	28.90	28.93	28.89	0.18	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	102228.92	103414.87	101948.52	102530.77	0.76	ppb
Iron	57-2	102879.59	103704.68	103394.69	103326.32	0.40	ppb
Lead	206-1	25.46	24.95	25.57	25.33	1.30	ppb
Lead	207-1	23.12	23.35	23.60	23.36	1.03	ppb
Lead	208-1	23.95	24.06	24.32	24.11	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	96250.64	97116.23	97209.60	96858.82	0.55	ppb
Manganese	55-2	28.81	28.91	29.11	28.95	0.53	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:33:51	DataFile Name :	015ICSB_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1992.84	1984.90	1951.74	1976.50	1.10	ppb
Molybdenum	94-1	638.97	633.91	635.89	636.26	0.40	ppb
Molybdenum	95-1	2012.94	2003.68	2001.87	2006.16	0.30	ppb
Molybdenum	96-1	1671.09	1666.70	1661.27	1666.35	0.30	ppb
Molybdenum	97-1	2006.15	1998.29	1987.10	1997.18	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.58	26.07	26.45	26.04	1.68	ppb
Phosphorus	31-2	99161.27	100958.74	101330.27	100483.43	1.15	ppb
Potassium	39-2	98639.63	99270.73	99227.74	99046.03	0.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.18	28.35	17.78	22.44	24.04	ppb
Selenium	78-2	18.83	21.68	18.20	19.57	9.49	ppb
Selenium	82-1	20.10	20.53	20.24	20.29	1.06	ppb
Silicon	28-1	68.48	69.61	69.34	69.15	0.85	ppb
Silver	109-1	19.60	19.56	19.71	19.62	0.39	ppb
Silver	107-1	19.61	19.34	19.57	19.51	0.76	ppb
Sodium	23-2	97690.25	98455.04	98348.82	98164.70	0.42	ppb
Strontium	86-1	34.16	33.52	33.32	33.67	1.31	ppb
Strontium	88-1	34.11	34.00	33.94	34.02	0.25	ppb
Sulfur	34-1	104225.11	104536.11	104690.02	104483.75	0.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.48	20.23	20.61	20.44	0.94	ppb
Thallium	205-1	20.83	20.66	20.98	20.82	0.78	ppb
Tin	118-1	39.22	38.97	39.63	39.27	0.85	ppb
Titanium	47-1	2016.37	2028.75	2021.96	2022.36	0.31	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.86	ppb
Vanadium	51-2	20.36	20.41	20.61	20.46	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.67	33.46	33.14	32.76	2.92	ppb
Zirconium	90-1	0.24	0.22	0.23	0.23	3.02	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:33:51	DataFile Name :	015ICSB_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.27	0.21	0.25	13.02	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:37:19	DataFile Name :	016CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49437.45	49584.75	48969.84	49330.68	0.65	ppb
Antimony	121-1	486.37	507.50	501.92	498.60	2.20	ppb
Arsenic	75-2	507.96	503.63	500.84	504.14	0.71	ppb
Barium	135-1	2522.72	2602.82	2576.05	2567.20	1.59	ppb
Barium	137-1	2496.10	2575.87	2546.29	2539.42	1.59	ppb
Beryllium	9-1	516.77	532.36	526.11	525.08	1.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	517.51	548.58	546.24	537.44	3.22	ppb
Boron	10-1	515.40	532.24	520.92	522.86	1.64	ppb
Cadmium	106-1	483.05	493.77	501.43	492.75	1.87	ppb
Cadmium	108-1	481.74	506.57	501.84	496.72	2.65	ppb
Cadmium	111-1	481.82	503.31	493.65	492.93	2.18	ppb
Calcium	43-1	234247.91	246176.55	241249.95	240558.14	2.49	ppb
Calcium	44-1	234032.12	245236.06	238824.26	239364.15	2.35	ppb
Chromium	52-2	508.74	507.50	505.58	507.27	0.31	ppb
Cobalt	59-2	484.90	487.98	482.94	485.27	0.52	ppb
Copper	63-2	948.43	952.91	941.96	947.77	0.58	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	121458.28	121564.74	120862.59	121295.21	0.31	ppb
Iron	57-2	120687.79	120902.41	120696.79	120762.33	0.10	ppb
Lead	206-1	494.09	518.59	503.86	505.51	2.44	ppb
Lead	207-1	493.05	517.90	501.89	504.28	2.50	ppb
Lead	208-1	493.68	519.32	504.02	505.68	2.55	ppb
Lithium	6-1						%
Magnesium	24-2	241199.77	239461.72	238333.02	239664.83	0.60	ppb
Manganese	55-2	992.53	991.20	987.57	990.43	0.26	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:37:19	DataFile Name :	016CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	496.87	512.85	502.66	504.12	1.60	ppb
Molybdenum	94-1	492.68	514.84	501.05	502.85	2.23	ppb
Molybdenum	95-1	492.04	509.34	496.36	499.25	1.80	ppb
Molybdenum	96-1	488.59	504.77	495.77	496.38	1.63	ppb
Molybdenum	97-1	493.62	506.38	497.56	499.19	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.61	487.30	482.85	485.26	0.46	ppb
Phosphorus	31-2	10096.01	10255.45	9960.17	10103.88	1.46	ppb
Potassium	39-2	122243.74	122709.19	121386.20	122113.04	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.31	479.33	471.20	488.28	4.69	ppb
Selenium	78-2	493.96	476.20	496.53	488.90	2.26	ppb
Selenium	82-1	473.46	494.92	480.40	482.93	2.27	ppb
Silicon	28-1	521.39	555.73	539.78	538.97	3.19	ppb
Silver	109-1	483.88	500.35	493.89	492.71	1.68	ppb
Silver	107-1	481.81	503.30	494.31	493.14	2.19	ppb
Sodium	23-2	242831.58	244324.19	240424.94	242526.90	0.81	ppb
Strontium	86-1	502.06	523.78	510.10	511.98	2.14	ppb
Strontium	88-1	506.93	523.79	512.43	514.38	1.67	ppb
Sulfur	34-1	8905.55	9606.88	9413.69	9308.70	3.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	493.89	512.85	503.44	503.40	1.88	ppb
Thallium	205-1	493.05	520.84	502.75	505.55	2.79	ppb
Tin	118-1	493.90	516.78	508.41	506.36	2.29	ppb
Titanium	47-1	488.52	513.09	497.53	499.71	2.49	ppb
Uranium	238-1	496.26	527.75	512.77	512.26	3.07	ppb
Vanadium	51-2	505.40	505.13	497.50	502.68	0.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	941.09	944.14	942.62	942.62	0.16	ppb
Zirconium	90-1	491.43	512.52	498.04	500.67	2.15	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:37:19	DataFile Name :	016CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.91	509.70	496.86	498.82	2.01	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	1.00	1.72	1.23	34.81	ppb
Antimony	121-1	0.57	0.50	0.52	0.53	6.16	ppb
Arsenic	75-2	0.05	0.13	0.10	0.09	42.51	ppb
Barium	135-1	0.04	0.06	0.03	0.04	40.85	ppb
Barium	137-1	0.06	0.05	0.05	0.05	8.28	ppb
Beryllium	9-1	0.27	0.26	0.20	0.24	15.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	14.50	14.23	14.38	14.37	0.96	ppb
Boron	10-1	15.52	13.78	12.48	13.93	10.96	ppb
Cadmium	106-1	0.83	1.45	0.72	1.00	39.23	ppb
Cadmium	108-1	-0.01	0.04	0.04	0.02	133.12	ppb
Cadmium	111-1	0.06	0.12	0.07	0.08	35.23	ppb
Calcium	43-1	9.04	7.25	6.39	7.56	17.88	ppb
Calcium	44-1	9.74	7.44	6.89	8.02	18.83	ppb
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.12	0.21	0.19	0.17	28.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.49	7.65	6.95	7.37	5.00	ppb
Iron	57-2	8.71	8.07	8.97	8.58	5.42	ppb
Lead	206-1	0.07	0.08	0.07	0.07	9.18	ppb
Lead	207-1	0.06	0.06	0.09	0.07	21.03	ppb
Lead	208-1	0.07	0.07	0.08	0.07	4.24	ppb
Lithium	6-1						%
Magnesium	24-2	-5.95	-7.90	-7.11	-6.99		ppb
Manganese	55-2	-0.06	-0.04	-0.06	-0.06		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.20	0.19	0.19	0.19	3.01	ppb
Molybdenum	94-1	0.13	0.12	0.14	0.13	4.93	ppb
Molybdenum	95-1	0.18	0.19	0.21	0.19	7.68	ppb
Molybdenum	96-1	0.16	0.16	0.20	0.17	13.34	ppb
Molybdenum	97-1	0.20	0.16	0.14	0.17	18.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.08	-0.13	-0.11		ppb
Phosphorus	31-2	1.00	-9.01	-9.51	-5.84		ppb
Potassium	39-2	23.90	19.99	14.94	19.61	22.91	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	0.16	-0.48	-1.22	-0.51		ppb
Selenium	82-1	0.91	0.09	-0.05	0.31	165.54	ppb
Silicon	28-1	1.31	0.63	1.08	1.01	34.36	ppb
Silver	109-1	0.06	0.05	0.04	0.05	21.66	ppb
Silver	107-1	0.05	0.03	0.03	0.04	23.01	ppb
Sodium	23-2	42.15	41.17	43.97	42.43	3.35	ppb
Strontium	86-1	-0.03	-0.05	0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.56	ppb
Sulfur	34-1	-677.20	-829.27	-733.71	-746.73		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.04	0.05	22.52	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	8.37	ppb
Tin	118-1	0.24	0.23	0.26	0.24	7.20	ppb
Titanium	47-1	0.08	0.08	0.05	0.07	23.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.47	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	80.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.23	0.16	0.21	0.20	17.25	ppb
Zirconium	90-1	0.08	0.10	0.08	0.09	10.41	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.08	0.08	5.50	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.78	18.66	17.54	18.99	8.68	ppb
Antimony	121-1	2.09	2.09	2.00	2.06	2.48	ppb
Arsenic	75-2	1.02	0.88	0.92	0.94	7.54	ppb
Barium	135-1	8.61	9.35	8.62	8.86	4.79	ppb
Barium	137-1	9.13	9.10	9.00	9.08	0.72	ppb
Beryllium	9-1	1.15	1.12	1.02	1.10	6.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	29.25	30.47	30.40	30.04	2.29	ppb
Boron	10-1	28.15	28.97	32.39	29.84	7.54	ppb
Cadmium	106-1	2.20	0.50	1.78	1.49	59.56	ppb
Cadmium	108-1	1.00	0.94	0.92	0.95	4.36	ppb
Cadmium	111-1	1.08	0.90	1.00	0.99	8.92	ppb
Calcium	43-1	431.57	407.38	428.04	422.33	3.09	ppb
Calcium	44-1	434.53	424.17	438.25	432.32	1.69	ppb
Chromium	52-2	2.06	2.03	2.00	2.03	1.34	ppb
Cobalt	59-2	0.93	0.93	0.94	0.93	0.79	ppb
Copper	63-2	2.24	2.20	2.29	2.25	2.12	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	52.22	53.39	53.67	53.09	1.45	ppb
Iron	57-2	50.67	52.64	53.05	52.12	2.44	ppb
Lead	206-1	1.14	1.16	1.12	1.14	1.90	ppb
Lead	207-1	1.13	1.11	1.05	1.10	3.75	ppb
Lead	208-1	1.11	1.12	1.09	1.11	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	444.78	436.23	436.20	439.07	1.13	ppb
Manganese	55-2	0.89	0.87	0.98	0.91	6.39	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.47	4.43	4.36	4.42	1.30	ppb
Molybdenum	94-1	2.19	2.22	2.11	2.17	2.57	ppb
Molybdenum	95-1	4.63	4.33	4.54	4.50	3.43	ppb
Molybdenum	96-1	3.91	4.01	3.74	3.89	3.56	ppb
Molybdenum	97-1	4.40	4.62	4.64	4.55	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.79	0.78	0.84	10.52	ppb
Phosphorus	31-2	20.78	20.59	-7.10	11.42	140.45	ppb
Potassium	39-2	472.41	468.76	461.72	467.63	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.94	6.49	6.50	5.31	38.61	ppb
Selenium	78-2	4.05	4.65	3.68	4.13	11.92	ppb
Selenium	82-1	4.60	4.18	5.49	4.76	14.01	ppb
Silicon	28-1	10.32	10.31	9.90	10.18	2.38	ppb
Silver	109-1	1.30	1.27	1.22	1.26	3.31	ppb
Silver	107-1	1.22	1.23	1.25	1.23	1.02	ppb
Sodium	23-2	496.41	498.34	492.83	495.86	0.56	ppb
Strontium	86-1	0.89	0.86	0.93	0.89	3.75	ppb
Strontium	88-1	0.91	0.96	0.96	0.94	3.22	ppb
Sulfur	34-1	-619.52	-681.23	-712.09	-670.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.97	0.97	0.95	3.39	ppb
Thallium	205-1	0.94	0.91	0.94	0.93	1.98	ppb
Tin	118-1	4.67	4.62	4.71	4.67	1.03	ppb
Titanium	47-1	4.78	4.50	4.38	4.56	4.44	ppb
Uranium	238-1	0.87	0.86	0.88	0.87	1.03	ppb
Vanadium	51-2	4.77	4.70	4.68	4.72	0.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.18	2.29	1.78	2.08	13.05	ppb
Zirconium	90-1	1.08	1.07	1.07	1.08	0.60	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.16	1.05	1.14	1.12	5.04	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.62	0.63	0.41	88.54	ppb
Antimony	121-1	0.12	0.12	0.16	0.14	16.97	ppb
Arsenic	75-2	0.00	-0.03	-0.01	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	64.67	ppb
Beryllium	9-1	0.10	0.15	0.07	0.11	35.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.56	7.92	7.42	7.63	3.42	ppb
Boron	10-1	7.48	8.37	8.57	8.14	7.13	ppb
Cadmium	106-1	1.32	1.27	-1.45	0.38	415.42	ppb
Cadmium	108-1	-0.04	-0.04	-0.10	-0.06		ppb
Cadmium	111-1	0.10	0.09	-0.11	0.03	457.31	ppb
Calcium	43-1	3.75	2.12	3.40	3.09	27.73	ppb
Calcium	44-1	2.86	2.30	1.62	2.26	27.47	ppb
Chromium	52-2	-0.04	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.04	0.02	0.05	0.04	41.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.72	3.85	3.61	3.72	3.18	ppb
Iron	57-2	1.68	3.53	2.94	2.72	34.83	ppb
Lead	206-1	0.07	0.10	0.04	0.07	38.84	ppb
Lead	207-1	0.09	0.05	0.05	0.06	39.38	ppb
Lead	208-1	0.07	0.08	0.04	0.06	27.71	ppb
Lithium	6-1						%
Magnesium	24-2	-10.24	-10.26	-10.47	-10.32		ppb
Manganese	55-2	-0.06	-0.05	-0.08	-0.06		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.06	0.06	0.06	6.74	ppb
Molybdenum	94-1	0.07	0.06	0.06	0.06	11.03	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	15.38	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	20.79	ppb
Molybdenum	97-1	0.00	0.08	0.03	0.04	118.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.15	-0.12	-0.15		ppb
Phosphorus	31-2	12.93	-1.76	-1.43	3.25	258.31	ppb
Potassium	39-2	11.75	10.19	13.24	11.73	13.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	-1.31	-0.08	0.93	-0.15		ppb
Selenium	82-1	1.82	0.41	0.63	0.95	79.24	ppb
Silicon	28-1	1.16	1.74	-0.76	0.72	183.00	ppb
Silver	109-1	0.03	0.03	0.02	0.03	15.41	ppb
Silver	107-1	0.02	0.04	0.02	0.03	26.47	ppb
Sodium	23-2	30.61	31.11	28.38	30.04	4.84	ppb
Strontium	86-1	0.00	-0.02	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	58.82	ppb
Sulfur	34-1	-549.04	-492.13	-626.98	-556.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	129.94	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.45	ppb
Tin	118-1	0.09	0.09	0.09	0.09	2.31	ppb
Titanium	47-1	0.10	0.04	-0.01	0.04	133.44	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.13	0.07	0.15	58.48	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	9.68	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.01	0.03	55.02	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BS	Instrumnet Name :	P7
Client Sample ID :	PB100430BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:53:32	DataFile Name :	020CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9756.49	9785.36	9632.82	9724.89	0.83	ppb
Antimony	121-1	499.95	495.81	504.32	500.03	0.85	ppb
Arsenic	75-2	513.18	513.47	514.08	513.58	0.09	ppb
Barium	135-1	2519.09	2502.65	2523.57	2515.10	0.44	ppb
Barium	137-1	2541.79	2487.67	2543.47	2524.31	1.26	ppb
Beryllium	9-1	514.32	501.22	506.64	507.39	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	485.96	485.39	501.35	490.90	1.84	ppb
Boron	10-1	481.88	479.21	490.18	483.76	1.18	ppb
Cadmium	106-1	511.15	507.08	507.16	508.46	0.46	ppb
Cadmium	108-1	523.80	512.30	512.03	516.04	1.30	ppb
Cadmium	111-1	512.31	504.65	507.83	508.26	0.76	ppb
Calcium	43-1	48167.73	46583.50	48205.42	47652.22	1.94	ppb
Calcium	44-1	48500.75	46985.24	48749.29	48078.42	1.99	ppb
Chromium	52-2	508.65	507.01	503.42	506.36	0.53	ppb
Cobalt	59-2	503.15	504.78	502.13	503.36	0.27	ppb
Copper	63-2	1011.10	1009.83	1007.02	1009.31	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25435.12	25587.45	25455.31	25492.63	0.32	ppb
Iron	57-2	25353.04	25444.53	25333.76	25377.11	0.23	ppb
Lead	206-1	500.28	494.86	502.61	499.25	0.80	ppb
Lead	207-1	506.27	496.78	500.86	501.30	0.95	ppb
Lead	208-1	504.44	496.61	501.52	500.86	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	50006.97	50193.80	49640.84	49947.21	0.56	ppb
Manganese	55-2	1010.24	1009.49	1004.48	1008.07	0.31	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BS	Instrumnet Name :	P7
Client Sample ID :	PB100430BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:53:32	DataFile Name :	020CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	491.96	485.82	497.39	491.73	1.18	ppb
Molybdenum	94-1	495.85	486.05	495.71	492.53	1.14	ppb
Molybdenum	95-1	491.06	478.61	492.84	487.50	1.59	ppb
Molybdenum	96-1	491.75	475.40	489.57	485.57	1.83	ppb
Molybdenum	97-1	491.86	479.62	493.98	488.49	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.40	508.08	504.06	507.18	0.55	ppb
Phosphorus	31-2	10349.49	10254.08	10128.18	10243.92	1.08	ppb
Potassium	39-2	24990.27	25139.22	24864.74	24998.08	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	524.39	506.59	524.77	518.58	2.00	ppb
Selenium	78-2	526.16	512.70	514.20	517.69	1.42	ppb
Selenium	82-1	504.19	502.68	505.52	504.13	0.28	ppb
Silicon	28-1	534.32	518.03	539.24	530.53	2.09	ppb
Silver	109-1	511.47	501.62	510.69	507.93	1.08	ppb
Silver	107-1	515.22	504.90	511.79	510.64	1.03	ppb
Sodium	23-2	49573.84	50010.26	49141.91	49575.34	0.88	ppb
Strontium	86-1	490.81	482.61	492.48	488.63	1.08	ppb
Strontium	88-1	494.26	491.06	496.16	493.83	0.52	ppb
Sulfur	34-1	9263.70	8595.71	9246.75	9035.39	4.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.88	495.94	497.38	498.07	0.51	ppb
Thallium	205-1	500.62	495.01	499.58	498.40	0.60	ppb
Tin	118-1	504.59	500.10	508.71	504.47	0.85	ppb
Titanium	47-1	500.47	476.34	493.02	489.94	2.52	ppb
Uranium	238-1	494.45	492.35	496.64	494.48	0.43	ppb
Vanadium	51-2	504.60	504.25	500.60	503.15	0.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1013.06	1020.76	1007.26	1013.69	0.67	ppb
Zirconium	90-1	498.17	487.47	496.92	494.19	1.18	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BS	Instrumnet Name :	P7
Client Sample ID :	PB100430BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:53:32	DataFile Name :	020CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.28	486.07	492.92	490.76	0.83	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.16	2.43	2.95	2.85	13.16	ppb
Antimony	121-1	3.38	2.95	2.97	3.10	7.94	ppb
Arsenic	75-2	0.46	0.47	0.57	0.50	11.91	ppb
Barium	135-1	0.42	0.44	0.30	0.39	18.66	ppb
Barium	137-1	0.51	0.39	0.37	0.43	17.12	ppb
Beryllium	9-1	0.26	0.35	0.33	0.32	15.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	30.20	29.25	26.47	28.64	6.77	ppb
Boron	10-1	33.65	27.97	26.64	29.42	12.65	ppb
Cadmium	106-1	0.80	1.13	1.70	1.21	37.65	ppb
Cadmium	108-1	0.64	0.58	0.27	0.50	39.90	ppb
Cadmium	111-1	0.57	0.57	0.57	0.57	0.59	ppb
Calcium	43-1	15.76	14.38	12.12	14.09	13.02	ppb
Calcium	44-1	19.88	17.88	17.82	18.53	6.32	ppb
Chromium	52-2	0.60	0.58	0.54	0.58	5.28	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	5.97	5.96	6.01	5.98	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.05	6.86	6.73	6.88	2.36	ppb
Iron	57-2	7.02	5.37	6.74	6.38	13.79	ppb
Lead	206-1	0.45	0.41	0.36	0.40	11.10	ppb
Lead	207-1	0.38	0.40	0.33	0.37	9.51	ppb
Lead	208-1	0.43	0.38	0.34	0.39	11.78	ppb
Lithium	6-1						%
Magnesium	24-2	-6.61	-8.32	-8.57	-7.83		ppb
Manganese	55-2	0.07	0.03	0.06	0.06	36.60	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.55	0.49	0.49	0.51	6.45	ppb
Molybdenum	94-1	0.59	0.45	0.48	0.51	13.99	ppb
Molybdenum	95-1	0.49	0.46	0.48	0.48	3.35	ppb
Molybdenum	96-1	0.49	0.45	0.46	0.47	5.54	ppb
Molybdenum	97-1	0.55	0.50	0.44	0.50	11.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.02	-0.06	0.00		ppb
Phosphorus	31-2	-7.98	4.26	2.12	-0.53		ppb
Potassium	39-2	79.49	80.18	75.05	78.24	3.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.29	0.64	0.65	100.10	ppb
Selenium	78-2	1.39	0.76	-0.01	0.71	98.08	ppb
Selenium	82-1	1.30	2.15	1.16	1.54	34.75	ppb
Silicon	28-1	13.23	11.68	12.03	12.31	6.63	ppb
Silver	109-1	1.26	1.14	0.94	1.11	14.60	ppb
Silver	107-1	1.25	1.08	0.95	1.09	13.64	ppb
Sodium	23-2	258.21	249.98	243.50	250.56	2.94	ppb
Strontium	86-1	0.16	0.12	0.02	0.10	67.88	ppb
Strontium	88-1	0.13	0.10	0.10	0.11	18.13	ppb
Sulfur	34-1	-569.26	-594.66	-624.22	-596.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.48	0.29	0.17	0.32	49.87	ppb
Thallium	205-1	0.45	0.31	0.19	0.32	41.22	ppb
Tin	118-1	2.26	2.12	1.96	2.11	6.99	ppb
Titanium	47-1	0.30	0.24	0.29	0.28	11.70	ppb
Uranium	238-1	0.07	0.05	0.04	0.05	34.18	ppb
Vanadium	51-2	0.20	0.18	0.20	0.19	7.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.11	8.73	9.34	9.06	3.37	ppb
Zirconium	90-1	0.59	0.50	0.43	0.51	15.10	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.63	0.55	0.42	0.53	20.67	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	2.75	2.28	2.12	33.93	ppb
Antimony	121-1	1.32	1.40	1.42	1.38	3.81	ppb
Arsenic	75-2	0.40	0.31	0.42	0.38	16.13	ppb
Barium	135-1	0.11	0.10	0.12	0.11	9.86	ppb
Barium	137-1	0.17	0.14	0.19	0.16	15.02	ppb
Beryllium	9-1	0.12	0.08	0.10	0.10	20.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	14.29	14.34	13.82	14.15	2.02	ppb
Boron	10-1	15.66	13.21	12.26	13.71	12.79	ppb
Cadmium	106-1	0.55	1.61	-1.17	0.33	426.33	ppb
Cadmium	108-1	0.16	0.05	0.13	0.11	53.12	ppb
Cadmium	111-1	0.16	0.23	0.04	0.14	70.48	ppb
Calcium	43-1	13.33	9.59	12.90	11.94	17.16	ppb
Calcium	44-1	13.06	15.26	14.18	14.17	7.78	ppb
Chromium	52-2	0.50	0.54	0.44	0.49	10.44	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	6.80	7.26	7.35	7.14	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.54	3.63	4.00	3.72	6.47	ppb
Iron	57-2	3.18	4.47	2.82	3.49	24.78	ppb
Lead	206-1	0.17	0.17	0.19	0.18	5.89	ppb
Lead	207-1	0.14	0.19	0.16	0.16	14.76	ppb
Lead	208-1	0.16	0.18	0.17	0.17	4.52	ppb
Lithium	6-1						%
Magnesium	24-2	-8.69	-7.00	-7.31	-7.66		ppb
Manganese	55-2	0.03	-0.02	-0.02	0.00		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.17	0.14	0.16	0.16	7.54	ppb
Molybdenum	94-1	0.15	0.16	0.13	0.15	8.69	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.10	11.09	ppb
Molybdenum	96-1	0.12	0.08	0.11	0.10	17.14	ppb
Molybdenum	97-1	0.13	0.09	0.11	0.11	17.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.06	-0.05		ppb
Phosphorus	31-2	4.67	1.64	-0.26	2.02	123.31	ppb
Potassium	39-2	54.64	45.05	43.71	47.80	12.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.67	2.66	1.35	1.56	64.81	ppb
Selenium	78-2	0.24	0.10	0.50	0.28	72.64	ppb
Selenium	82-1	1.40	2.60	1.31	1.77	40.49	ppb
Silicon	28-1	8.72	9.16	9.91	9.26	6.53	ppb
Silver	109-1	0.46	0.45	0.45	0.45	0.76	ppb
Silver	107-1	0.46	0.45	0.42	0.44	4.47	ppb
Sodium	23-2	209.27	201.06	194.00	201.44	3.79	ppb
Strontium	86-1	0.03	0.11	0.00	0.05	128.63	ppb
Strontium	88-1	0.06	0.05	0.05	0.06	9.53	ppb
Sulfur	34-1	-496.31	-564.36	-600.56	-553.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	330.45	ppb
Tin	118-1	1.20	1.19	1.21	1.20	0.59	ppb
Titanium	47-1	0.10	0.14	0.17	0.14	23.82	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.18	0.17	0.14	0.17	12.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.52	8.44	8.82	8.93	6.13	ppb
Zirconium	90-1	0.18	0.18	0.15	0.17	8.86	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.19	0.13	0.18	23.50	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	0.22	0.84	0.80	70.53	ppb
Antimony	121-1	0.31	0.31	0.28	0.30	5.95	ppb
Arsenic	75-2	0.05	0.12	0.08	0.09	40.51	ppb
Barium	135-1	0.02	0.01	0.00	0.01	93.96	ppb
Barium	137-1	0.02	0.01	0.02	0.02	39.86	ppb
Beryllium	9-1	0.14	0.11	0.05	0.10	46.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.80	8.67	8.37	8.61	2.58	ppb
Boron	10-1	8.34	6.45	9.30	8.03	18.08	ppb
Cadmium	106-1	-0.94	0.98	0.35	0.13	742.84	ppb
Cadmium	108-1	0.01	-0.04	-0.01	-0.01		ppb
Cadmium	111-1	-0.05	0.08	0.03	0.02	290.67	ppb
Calcium	43-1	3.05	2.36	4.20	3.20	29.03	ppb
Calcium	44-1	5.87	6.91	5.66	6.15	10.88	ppb
Chromium	52-2	0.11	0.12	0.11	0.11	1.79	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	2.09	2.21	2.03	2.11	4.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.26	2.33	2.19	2.26	2.99	ppb
Iron	57-2	1.72	0.87	2.05	1.55	39.32	ppb
Lead	206-1	0.03	0.00	0.01	0.01	111.17	ppb
Lead	207-1	0.01	0.02	0.01	0.01	31.75	ppb
Lead	208-1	0.02	0.01	0.02	0.02	18.12	ppb
Lithium	6-1						%
Magnesium	24-2	-9.00	-6.90	-7.92	-7.94		ppb
Manganese	55-2	-0.05	-0.05	-0.03	-0.04		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.05	0.05	0.05	9.08	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	12.51	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	24.21	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	9.22	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	11.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.07	-0.10	-0.07		ppb
Phosphorus	31-2	-7.55	4.25	-17.58	-6.96		ppb
Potassium	39-2	19.11	21.32	16.59	19.01	12.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.64	0.63	1.28	0.85	43.75	ppb
Selenium	78-2	-0.34	-0.71	0.94	-0.04		ppb
Selenium	82-1	0.45	0.27	1.70	0.81	96.21	ppb
Silicon	28-1	-1.63	0.08	-1.97	-1.17		ppb
Silver	109-1	0.16	0.19	0.17	0.17	6.49	ppb
Silver	107-1	0.20	0.16	0.22	0.19	15.12	ppb
Sodium	23-2	90.80	93.74	90.70	91.75	1.88	ppb
Strontium	86-1	-0.05	-0.07	0.00	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.09	ppb
Sulfur	34-1	-988.13	-843.70	-1043.05	-958.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.18	0.18	0.18	0.18	0.29	ppb
Titanium	47-1	0.11	0.08	0.04	0.08	42.08	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.04	0.02	0.03	27.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.73	1.98	1.83	1.84	6.75	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	97.83	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	-0.01	0.02	127.70	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9251.60	9173.38	9235.26	9220.08	0.45	ppb
Antimony	121-1	468.80	466.16	463.77	466.24	0.54	ppb
Arsenic	75-2	478.59	475.29	482.75	478.88	0.78	ppb
Barium	135-1	2509.18	2479.37	2466.20	2484.91	0.89	ppb
Barium	137-1	2503.81	2468.85	2470.15	2480.94	0.80	ppb
Beryllium	9-1	399.38	393.79	385.83	393.00	1.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	808.67	806.56	809.34	808.19	0.18	ppb
Boron	10-1	772.18	788.21	785.52	781.97	1.10	ppb
Cadmium	106-1	487.23	469.54	470.47	475.75	2.09	ppb
Cadmium	108-1	492.80	474.72	484.90	484.14	1.87	ppb
Cadmium	111-1	484.22	475.33	476.53	478.69	1.01	ppb
Calcium	43-1	351.53	354.80	337.80	348.04	2.59	ppb
Calcium	44-1	192.15	194.36	189.23	191.91	1.34	ppb
Chromium	52-2	514.03	515.43	520.53	516.67	0.66	ppb
Cobalt	59-2	527.41	527.45	534.03	529.63	0.72	ppb
Copper	63-2	1129.34	1142.13	1145.53	1139.00	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26756.00	26886.81	26861.85	26834.89	0.26	ppb
Iron	57-2	26379.19	26642.43	26733.36	26584.99	0.69	ppb
Lead	206-1	460.31	459.92	462.41	460.88	0.29	ppb
Lead	207-1	461.60	461.30	462.88	461.93	0.18	ppb
Lead	208-1	461.84	459.81	464.13	461.93	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	-3.84	-4.40	-3.32	-3.85		ppb
Manganese	55-2	1032.03	1029.99	1043.91	1035.31	0.73	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	977.39	997.81	993.18	989.46	1.08	ppb
Molybdenum	94-1	665.01	667.64	670.52	667.72	0.41	ppb
Molybdenum	95-1	977.87	983.79	985.02	982.23	0.39	ppb
Molybdenum	96-1	905.16	912.03	910.19	909.12	0.39	ppb
Molybdenum	97-1	978.09	984.94	988.24	983.76	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.84	543.50	547.30	542.21	1.08	ppb
Phosphorus	31-2	-0.15	13.10	-10.49	0.82	1440.65	ppb
Potassium	39-2	24086.06	24260.49	24284.11	24210.22	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	470.49	483.63	479.80	477.97	1.41	ppb
Selenium	78-2	485.85	480.26	480.62	482.24	0.65	ppb
Selenium	82-1	476.16	481.84	480.01	479.33	0.61	ppb
Silicon	28-1	953.08	952.87	948.70	951.55	0.26	ppb
Silver	109-1	467.58	459.06	458.54	461.73	1.10	ppb
Silver	107-1	466.80	458.47	458.46	461.24	1.04	ppb
Sodium	23-2	176.77	180.34	183.46	180.19	1.86	ppb
Strontium	86-1	983.21	986.14	986.94	985.43	0.20	ppb
Strontium	88-1	989.96	1001.11	994.03	995.03	0.57	ppb
Sulfur	34-1	-933.57	-1130.22	-1124.63	-1062.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	466.79	464.95	468.78	466.84	0.41	ppb
Thallium	205-1	469.59	467.28	473.27	470.04	0.64	ppb
Tin	118-1	971.40	964.89	955.86	964.05	0.81	ppb
Titanium	47-1	978.17	982.25	970.89	977.10	0.59	ppb
Uranium	238-1	452.70	453.12	456.21	454.01	0.42	ppb
Vanadium	51-2	496.61	498.15	499.65	498.13	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1084.93	1091.36	1095.93	1090.74	0.51	ppb
Zirconium	90-1	515.04	518.13	521.27	518.15	0.60	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.48	513.41	511.88	512.26	0.20	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9382.27	9346.01	9385.95	9371.41	0.24	ppb
Antimony	121-1	466.99	470.38	471.64	469.67	0.51	ppb
Arsenic	75-2	487.10	485.69	487.55	486.78	0.20	ppb
Barium	135-1	2481.21	2488.88	2498.25	2489.45	0.34	ppb
Barium	137-1	2478.85	2506.66	2524.13	2503.21	0.91	ppb
Beryllium	9-1	395.40	395.34	392.14	394.30	0.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	841.27	841.65	851.13	844.68	0.66	ppb
Boron	10-1	808.10	814.24	828.30	816.88	1.27	ppb
Cadmium	106-1	474.17	476.83	477.31	476.10	0.36	ppb
Cadmium	108-1	483.43	486.95	488.73	486.37	0.56	ppb
Cadmium	111-1	482.26	481.66	482.00	481.98	0.06	ppb
Calcium	43-1	373.43	361.21	356.38	363.67	2.42	ppb
Calcium	44-1	193.37	190.53	190.00	191.30	0.95	ppb
Chromium	52-2	531.84	531.36	531.49	531.56	0.05	ppb
Cobalt	59-2	545.49	546.10	545.00	545.53	0.10	ppb
Copper	63-2	1167.68	1170.72	1167.43	1168.61	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27519.80	27748.57	27340.78	27536.38	0.74	ppb
Iron	57-2	27292.17	27364.76	27234.57	27297.17	0.24	ppb
Lead	206-1	476.33	475.31	475.36	475.67	0.12	ppb
Lead	207-1	476.68	475.49	478.86	477.01	0.36	ppb
Lead	208-1	475.44	476.98	476.80	476.40	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	-5.38	-5.62	-5.53	-5.51		ppb
Manganese	55-2	1055.06	1063.65	1056.09	1058.27	0.44	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1005.93	1000.62	1004.11	1003.55	0.27	ppb
Molybdenum	94-1	678.10	675.68	678.43	677.40	0.22	ppb
Molybdenum	95-1	998.84	1001.33	995.03	998.40	0.32	ppb
Molybdenum	96-1	924.48	920.36	922.38	922.40	0.22	ppb
Molybdenum	97-1	994.29	993.22	1001.84	996.45	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.98	556.26	557.91	556.72	0.19	ppb
Phosphorus	31-2	-1.64	-4.53	-15.44	-7.20		ppb
Potassium	39-2	24728.24	24729.43	24517.84	24658.50	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	486.84	498.99	472.29	486.04	2.75	ppb
Selenium	78-2	502.91	487.98	486.30	492.40	1.86	ppb
Selenium	82-1	484.64	486.03	484.93	485.20	0.15	ppb
Silicon	28-1	953.91	955.75	958.74	956.14	0.25	ppb
Silver	109-1	464.81	468.27	466.33	466.47	0.37	ppb
Silver	107-1	462.69	465.39	468.08	465.39	0.58	ppb
Sodium	23-2	168.48	173.95	168.90	170.44	1.79	ppb
Strontium	86-1	999.91	996.21	995.40	997.17	0.24	ppb
Strontium	88-1	1014.97	997.76	997.42	1003.38	1.00	ppb
Sulfur	34-1	-1183.05	-1262.80	-1231.83	-1225.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	479.83	479.08	483.21	480.71	0.46	ppb
Thallium	205-1	481.89	482.22	482.78	482.30	0.09	ppb
Tin	118-1	958.37	962.36	967.42	962.72	0.47	ppb
Titanium	47-1	980.96	987.27	988.91	985.72	0.43	ppb
Uranium	238-1	465.90	468.74	468.45	467.69	0.33	ppb
Vanadium	51-2	509.98	510.77	509.42	510.05	0.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1111.35	1106.44	1117.34	1111.71	0.49	ppb
Zirconium	90-1	529.38	522.76	523.25	525.13	0.70	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.18	516.29	519.23	518.90	0.47	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9199.39	9059.57	9268.08	9175.68	1.16	ppb
Antimony	121-1	464.65	463.07	466.49	464.74	0.37	ppb
Arsenic	75-2	476.68	478.49	475.70	476.96	0.30	ppb
Barium	135-1	2464.96	2461.68	2488.18	2471.61	0.58	ppb
Barium	137-1	2485.32	2487.50	2507.36	2493.39	0.49	ppb
Beryllium	9-1	401.31	396.83	392.65	396.93	1.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	837.55	836.52	850.03	841.37	0.89	ppb
Boron	10-1	824.48	824.86	839.36	829.56	1.02	ppb
Cadmium	106-1	477.85	474.59	474.28	475.58	0.41	ppb
Cadmium	108-1	473.48	489.86	481.52	481.62	1.70	ppb
Cadmium	111-1	477.86	475.05	478.12	477.01	0.36	ppb
Calcium	43-1	346.75	331.93	369.19	349.29	5.37	ppb
Calcium	44-1	190.44	192.49	192.92	191.95	0.69	ppb
Chromium	52-2	520.77	517.50	524.97	521.08	0.72	ppb
Cobalt	59-2	532.14	531.48	541.76	535.13	1.07	ppb
Copper	63-2	1142.43	1136.74	1162.49	1147.22	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	26913.95	26743.00	27127.02	26927.99	0.71	ppb
Iron	57-2	26692.44	26484.94	27033.00	26736.80	1.03	ppb
Lead	206-1	459.62	461.26	463.91	461.60	0.47	ppb
Lead	207-1	458.03	460.01	463.25	460.43	0.57	ppb
Lead	208-1	460.10	461.59	464.28	461.99	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	-6.23	-4.33	-5.53	-5.36		ppb
Manganese	55-2	1037.90	1030.91	1042.92	1037.24	0.58	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1008.36	1003.56	984.38	998.77	1.27	ppb
Molybdenum	94-1	673.40	672.47	667.71	671.19	0.45	ppb
Molybdenum	95-1	995.10	989.62	983.25	989.32	0.60	ppb
Molybdenum	96-1	914.58	915.00	905.59	911.72	0.58	ppb
Molybdenum	97-1	993.68	992.78	977.98	988.15	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.01	543.02	550.65	545.23	0.87	ppb
Phosphorus	31-2	5.83	-7.77	11.66	3.24	307.79	ppb
Potassium	39-2	24071.01	24064.74	24527.25	24221.00	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	469.69	463.38	432.24	455.10	4.41	ppb
Selenium	78-2	485.63	478.45	477.74	480.61	0.91	ppb
Selenium	82-1	488.08	483.11	475.95	482.38	1.26	ppb
Silicon	28-1	951.03	945.61	949.27	948.63	0.29	ppb
Silver	109-1	461.12	459.66	461.13	460.64	0.18	ppb
Silver	107-1	460.11	459.42	462.07	460.54	0.30	ppb
Sodium	23-2	152.06	147.88	153.71	151.22	1.99	ppb
Strontium	86-1	991.74	990.80	983.69	988.74	0.45	ppb
Strontium	88-1	1007.17	1001.37	992.84	1000.46	0.72	ppb
Sulfur	34-1	-1189.81	-1299.28	-1389.45	-1292.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	465.58	469.11	467.52	467.40	0.38	ppb
Thallium	205-1	471.47	469.70	471.54	470.91	0.22	ppb
Tin	118-1	966.65	966.51	962.93	965.36	0.22	ppb
Titanium	47-1	981.48	978.98	986.31	982.26	0.38	ppb
Uranium	238-1	453.66	455.79	455.13	454.86	0.24	ppb
Vanadium	51-2	500.09	498.95	507.42	502.15	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1082.67	1084.37	1102.46	1089.83	1.01	ppb
Zirconium	90-1	522.20	520.18	515.82	519.40	0.63	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.46	515.71	512.64	516.27	0.76	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	436.11	427.21	446.62	436.65	2.23	ppb
Antimony	121-1	1.70	1.61	1.58	1.63	3.77	ppb
Arsenic	75-2	4.34	5.06	4.66	4.68	7.62	ppb
Barium	135-1	70.63	69.27	68.99	69.63	1.26	ppb
Barium	137-1	72.13	70.67	70.05	70.95	1.50	ppb
Beryllium	9-1	0.41	0.40	0.37	0.39	5.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	64.94	63.53	60.77	63.08	3.36	ppb
Boron	10-1	64.85	58.10	59.65	60.87	5.80	ppb
Cadmium	106-1	0.09	-0.13	-0.11	-0.05		ppb
Cadmium	108-1	0.22	0.22	0.42	0.29	40.22	ppb
Cadmium	111-1	0.14	0.11	0.08	0.11	26.47	ppb
Calcium	43-1	187751.36	187977.19	188345.88	188024.81	0.16	ppb
Calcium	44-1	188921.46	188733.43	189613.44	189089.45	0.25	ppb
Chromium	52-2	2.12	1.90	2.05	2.02	5.50	ppb
Cobalt	59-2	2.59	2.62	2.66	2.62	1.23	ppb
Copper	63-2	9.65	9.69	9.87	9.73	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	3398.82	3376.42	3406.29	3393.84	0.46	ppb
Iron	57-2	3529.37	3488.06	3531.04	3516.16	0.69	ppb
Lead	206-1	1.36	1.34	1.37	1.36	1.25	ppb
Lead	207-1	1.21	1.21	1.24	1.22	1.55	ppb
Lead	208-1	1.27	1.26	1.31	1.28	1.89	ppb
Lithium	6-1						%
Magnesium	24-2	27448.49	27322.72	27521.55	27430.92	0.37	ppb
Manganese	55-2	3487.57	3480.46	3495.43	3487.82	0.21	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	2.01	1.92	1.88	1.94	3.42	ppb
Molybdenum	94-1	1.52	1.37	1.43	1.44	5.23	ppb
Molybdenum	95-1	2.01	1.90	1.99	1.97	2.81	ppb
Molybdenum	96-1	1.87	1.90	1.77	1.85	3.68	ppb
Molybdenum	97-1	2.09	1.96	1.98	2.01	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.52	4.58	4.37	4.49	2.42	ppb
Phosphorus	31-2	48.40	118.94	87.05	84.80	41.65	ppb
Potassium	39-2	2502.59	2464.00	2496.39	2487.66	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.77	3.46	6.92	4.38	50.66	ppb
Selenium	78-2	0.24	0.01	0.93	0.39	122.50	ppb
Selenium	82-1	1.16	3.21	1.89	2.09	49.94	ppb
Silicon	28-1	3832.71	3844.13	3858.57	3845.14	0.34	ppb
Silver	109-1	0.36	0.32	0.33	0.34	5.97	ppb
Silver	107-1	0.36	0.36	0.32	0.35	7.04	ppb
Sodium	23-2	55245.45	54869.84	54856.77	54990.69	0.40	ppb
Strontium	86-1	907.72	898.19	906.07	903.99	0.56	ppb
Strontium	88-1	923.72	916.50	919.12	919.78	0.40	ppb
Sulfur	34-1	3264.15	3309.61	3416.50	3330.09	2.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.03	0.06	41.59	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	30.05	ppb
Tin	118-1	2.84	2.63	2.66	2.71	4.19	ppb
Titanium	47-1	7.76	7.98	7.62	7.79	2.29	ppb
Uranium	238-1	1.68	1.61	1.60	1.63	2.63	ppb
Vanadium	51-2	1.98	1.88	1.94	1.93	2.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	17.41	16.47	15.80	16.56	4.88	ppb
Zirconium	90-1	1.26	1.25	1.10	1.20	7.25	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.31	1.16	1.18	1.22	6.72	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49492.21	49612.52	49803.71	49636.15	0.32	ppb
Antimony	121-1	533.05	532.63	540.80	535.49	0.86	ppb
Arsenic	75-2	506.15	510.77	507.29	508.07	0.47	ppb
Barium	135-1	2535.85	2537.12	2551.11	2541.36	0.33	ppb
Barium	137-1	2519.81	2539.03	2577.07	2545.30	1.14	ppb
Beryllium	9-1	516.17	518.05	523.00	519.08	0.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	549.82	556.02	563.07	556.30	1.19	ppb
Boron	10-1	546.41	561.55	553.76	553.90	1.37	ppb
Cadmium	106-1	492.87	493.47	494.15	493.50	0.13	ppb
Cadmium	108-1	488.83	487.57	496.82	491.07	1.02	ppb
Cadmium	111-1	484.83	486.06	488.36	486.41	0.37	ppb
Calcium	43-1	243594.33	244888.46	246620.35	245034.38	0.62	ppb
Calcium	44-1	241892.01	243693.70	243698.83	243094.85	0.43	ppb
Chromium	52-2	515.41	517.54	518.99	517.31	0.35	ppb
Cobalt	59-2	496.96	497.95	499.04	497.98	0.21	ppb
Copper	63-2	970.17	975.56	985.50	977.08	0.80	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	124759.21	123974.21	124483.01	124405.47	0.32	ppb
Iron	57-2	123638.89	123951.58	124248.22	123946.23	0.25	ppb
Lead	206-1	509.62	511.29	511.20	510.70	0.18	ppb
Lead	207-1	509.44	511.74	512.31	511.17	0.30	ppb
Lead	208-1	509.76	512.86	512.98	511.87	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	242024.41	243062.86	243964.16	243017.14	0.40	ppb
Manganese	55-2	1009.47	1007.93	1013.83	1010.41	0.30	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	503.14	506.79	502.95	504.29	0.43	ppb
Molybdenum	94-1	500.39	500.17	501.75	500.77	0.17	ppb
Molybdenum	95-1	496.35	496.69	497.86	496.97	0.16	ppb
Molybdenum	96-1	494.57	497.56	498.17	496.77	0.39	ppb
Molybdenum	97-1	496.36	498.77	497.32	497.48	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.80	500.31	505.22	501.78	0.60	ppb
Phosphorus	31-2	10054.63	10074.08	10221.61	10116.77	0.90	ppb
Potassium	39-2	122368.92	123748.22	123819.01	123312.05	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.86	484.26	487.53	497.22	3.96	ppb
Selenium	78-2	493.08	510.49	485.04	496.21	2.62	ppb
Selenium	82-1	480.75	479.90	479.21	479.95	0.16	ppb
Silicon	28-1	541.71	541.66	544.71	542.69	0.32	ppb
Silver	109-1	482.48	482.55	488.32	484.45	0.69	ppb
Silver	107-1	483.29	485.80	487.61	485.57	0.45	ppb
Sodium	23-2	244528.63	245773.91	246118.69	245473.74	0.34	ppb
Strontium	86-1	509.44	509.56	509.93	509.64	0.05	ppb
Strontium	88-1	516.90	516.36	511.40	514.89	0.59	ppb
Sulfur	34-1	9420.51	9608.18	9648.63	9559.11	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.53	504.80	509.32	508.55	0.67	ppb
Thallium	205-1	517.71	515.21	513.78	515.57	0.39	ppb
Tin	118-1	498.10	500.67	506.17	501.65	0.82	ppb
Titanium	47-1	501.75	505.05	503.40	503.40	0.33	ppb
Uranium	238-1	523.23	522.32	525.34	523.63	0.30	ppb
Vanadium	51-2	511.35	513.73	514.13	513.07	0.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	966.13	967.92	962.10	965.39	0.31	ppb
Zirconium	90-1	510.00	505.46	507.55	507.67	0.45	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.59	498.61	496.65	499.62	0.72	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.60	0.26	0.38	50.49	ppb
Antimony	121-1	0.86	0.85	0.79	0.83	4.49	ppb
Arsenic	75-2	0.14	0.13	0.21	0.16	28.80	ppb
Barium	135-1	0.04	0.04	0.05	0.05	10.35	ppb
Barium	137-1	0.06	0.07	0.05	0.06	11.51	ppb
Beryllium	9-1	0.54	0.50	0.42	0.48	12.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	27.51	26.02	25.84	26.46	3.46	ppb
Boron	10-1	27.12	24.74	26.94	26.27	5.03	ppb
Cadmium	106-1	-0.30	0.08	-0.18	-0.13		ppb
Cadmium	108-1	-0.07	-0.10	0.01	-0.05		ppb
Cadmium	111-1	-0.01	0.02	-0.01	0.00	804.18	ppb
Calcium	43-1	5.10	3.06	6.23	4.80	33.56	ppb
Calcium	44-1	6.21	5.87	4.79	5.62	13.16	ppb
Chromium	52-2	-0.02	-0.01	0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.47	0.41	0.38	0.42	11.50	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	6.13	6.64	6.33	6.37	4.05	ppb
Iron	57-2	6.85	4.45	3.87	5.06	31.26	ppb
Lead	206-1	0.10	0.11	0.08	0.10	15.86	ppb
Lead	207-1	0.07	0.08	0.09	0.08	9.05	ppb
Lead	208-1	0.10	0.09	0.08	0.09	8.45	ppb
Lithium	6-1						%
Magnesium	24-2	-10.81	-9.42	-9.55	-9.92		ppb
Manganese	55-2	-0.01	-0.02	-0.03	-0.02		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.17	0.16	0.17	0.17	5.78	ppb
Molybdenum	94-1	0.15	0.16	0.15	0.15	2.84	ppb
Molybdenum	95-1	0.16	0.18	0.18	0.17	5.05	ppb
Molybdenum	96-1	0.18	0.17	0.13	0.16	16.72	ppb
Molybdenum	97-1	0.18	0.16	0.18	0.17	7.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.20	-0.17	-0.17		ppb
Phosphorus	31-2	-5.42	5.25	-3.61	-1.26		ppb
Potassium	39-2	17.82	11.57	17.76	15.72	22.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.61	1.20	0.00	0.60	99.81	ppb
Selenium	78-2	0.91	0.17	-0.22	0.28	202.65	ppb
Selenium	82-1	0.99	-0.97	0.86	0.29	372.83	ppb
Silicon	28-1	-0.22	-0.14	0.39	0.01	2906.12	ppb
Silver	109-1	0.10	0.08	0.09	0.09	7.65	ppb
Silver	107-1	0.10	0.10	0.09	0.09	8.50	ppb
Sodium	23-2	48.75	45.93	41.68	45.45	7.82	ppb
Strontium	86-1	0.01	-0.06	-0.05	-0.03		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	33.70	ppb
Sulfur	34-1	-893.24	-938.34	-894.75	-908.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.05	0.05	7.67	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	16.58	ppb
Tin	118-1	0.43	0.45	0.36	0.41	10.59	ppb
Titanium	47-1	0.04	0.02	0.08	0.05	58.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	41.04	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	117.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.40	0.25	0.36	27.07	ppb
Zirconium	90-1	0.13	0.13	0.13	0.13	3.43	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.11	0.11	0.14	33.27	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.30	0.30	0.26	25.71	ppb
Antimony	121-1	0.44	0.41	0.44	0.43	4.19	ppb
Arsenic	75-2	0.11	0.14	0.06	0.10	41.67	ppb
Barium	135-1	0.03	0.03	0.02	0.03	28.31	ppb
Barium	137-1	0.04	0.02	0.02	0.03	34.21	ppb
Beryllium	9-1	0.29	0.35	0.31	0.32	10.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	17.89	17.86	17.41	17.72	1.50	ppb
Boron	10-1	18.69	17.28	17.43	17.80	4.35	ppb
Cadmium	106-1	1.29	0.37	-0.32	0.45	179.63	ppb
Cadmium	108-1	0.02	-0.07	-0.01	-0.02		ppb
Cadmium	111-1	0.10	0.03	-0.02	0.04	150.73	ppb
Calcium	43-1	3.97	6.13	3.54	4.55	30.51	ppb
Calcium	44-1	5.18	4.27	3.23	4.23	23.11	ppb
Chromium	52-2	0.06	0.09	0.01	0.05	84.52	ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.62	0.62	0.64	0.63	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.27	4.27	4.10	4.21	2.38	ppb
Iron	57-2	4.82	2.83	5.40	4.35	30.96	ppb
Lead	206-1	0.03	0.03	0.02	0.03	21.26	ppb
Lead	207-1	0.04	0.03	0.02	0.03	33.15	ppb
Lead	208-1	0.05	0.04	0.03	0.04	23.98	ppb
Lithium	6-1						%
Magnesium	24-2	-11.27	-10.29	-9.83	-10.46		ppb
Manganese	55-2	-0.06	-0.04	-0.04	-0.05		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.07	0.06	0.09	0.08	18.96	ppb
Molybdenum	94-1	0.12	0.10	0.12	0.11	8.77	ppb
Molybdenum	95-1	0.08	0.05	0.08	0.07	24.97	ppb
Molybdenum	96-1	0.07	0.09	0.09	0.08	11.91	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	21.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.14	-0.17	-0.15		ppb
Phosphorus	31-2	0.08	4.61	4.60	3.10	84.32	ppb
Potassium	39-2	28.63	26.28	24.06	26.32	8.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.61	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	0.05	-1.39	-0.25	-0.53		ppb
Selenium	82-1	0.50	0.04	-0.17	0.13	273.05	ppb
Silicon	28-1	-0.04	-0.40	-0.79	-0.41		ppb
Silver	109-1	0.15	0.11	0.15	0.14	18.74	ppb
Silver	107-1	0.12	0.15	0.14	0.14	12.74	ppb
Sodium	23-2	57.11	58.66	55.90	57.22	2.42	ppb
Strontium	86-1	-0.11	-0.06	-0.03	-0.06		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.22	ppb
Sulfur	34-1	-871.25	-775.66	-943.44	-863.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.02	0.04	48.37	ppb
Thallium	205-1	0.05	0.05	0.02	0.04	35.24	ppb
Tin	118-1	0.28	0.23	0.24	0.25	12.40	ppb
Titanium	47-1	0.02	0.16	0.00	0.06	152.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	78.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.76	0.72	0.78	0.75	4.48	ppb
Zirconium	90-1	0.11	0.12	0.10	0.11	8.08	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.13	0.12	9.08	ppb

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : I3585-02DUPDLX20 Instrumnet Name : P7
 Client Sample ID : SP17-GMZ5-ER1DUPDL Dilution Factor : 20
 Date & Time Acquired :: 2017-07-05 14:44:33 DataFile Name : 034SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	1.37	-0.17	0.46	176.91	ppb
Antimony	121-1	0.25	0.26	0.26	0.26	2.02	ppb
Arsenic	75-2	0.10	-0.01	0.02	0.04	154.81	ppb
Barium	135-1	0.01	0.02	-0.01	0.01	190.03	ppb
Barium	137-1	0.01	0.03	0.03	0.02	47.64	ppb
Beryllium	9-1	0.29	0.23	0.36	0.29	22.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	12.65	12.28	13.16	12.70	3.51	ppb
Boron	10-1	13.75	13.16	13.36	13.42	2.22	ppb
Cadmium	106-1	0.92	0.35	-0.51	0.25	283.79	ppb
Cadmium	108-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	111-1	0.09	0.03	-0.04	0.03	245.73	ppb
Calcium	43-1	3.04	4.77	7.36	5.06	42.98	ppb
Calcium	44-1	5.24	5.71	4.98	5.31	6.93	ppb
Chromium	52-2	0.04	0.08	0.06	0.06	33.87	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.68	0.65	0.71	0.68	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.24	3.91	3.65	3.60	9.27	ppb
Iron	57-2	2.92	5.88	3.58	4.12	37.64	ppb
Lead	206-1	0.00	0.02	-0.01	0.00	415.98	ppb
Lead	207-1	0.02	0.00	0.00	0.01	198.48	ppb
Lead	208-1	0.01	0.01	0.00	0.01	165.00	ppb
Lithium	6-1						%
Magnesium	24-2	-11.22	-11.42	-11.53	-11.39		ppb
Manganese	55-2	-0.06	-0.06	0.00	-0.04		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:44:33	DataFile Name :	034SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.04	0.03	0.04	21.02	ppb
Molybdenum	94-1	0.09	0.09	0.09	0.09	5.72	ppb
Molybdenum	95-1	0.01	0.05	0.05	0.04	59.03	ppb
Molybdenum	96-1	0.04	0.06	0.05	0.05	16.00	ppb
Molybdenum	97-1	0.01	0.04	0.03	0.03	58.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.24	-0.19	-0.20		ppb
Phosphorus	31-2	-4.82	9.73	-20.88	-5.32		ppb
Potassium	39-2	17.77	27.15	23.17	22.69	20.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.62	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	-0.15	0.19	-0.43	-0.13		ppb
Selenium	82-1	0.33	0.62	0.22	0.39	52.65	ppb
Silicon	28-1	-0.89	-0.81	-0.25	-0.65		ppb
Silver	109-1	0.14	0.12	0.14	0.13	10.64	ppb
Silver	107-1	0.14	0.12	0.12	0.13	6.72	ppb
Sodium	23-2	49.85	49.84	52.32	50.67	2.82	ppb
Strontium	86-1	0.03	-0.05	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	56.06	ppb
Sulfur	34-1	-830.25	-874.20	-881.84	-862.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	150.40	ppb
Tin	118-1	0.16	0.15	0.16	0.15	4.01	ppb
Titanium	47-1	0.06	0.03	0.04	0.04	28.99	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	67.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.85	0.64	0.48	0.66	28.11	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	3.40	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:44:33	DataFile Name :	034SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.08	0.10	0.10	25.61	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	0.67	0.66	0.27	255.08	ppb
Antimony	121-1	0.13	0.13	0.14	0.14	5.51	ppb
Arsenic	75-2	0.01	0.02	-0.03	0.00	2013.37	ppb
Barium	135-1	0.02	-0.01	0.03	0.02	117.15	ppb
Barium	137-1	0.02	0.00	0.01	0.01	84.43	ppb
Beryllium	9-1	0.23	0.25	0.26	0.24	6.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.64	9.61	8.73	9.66	9.88	ppb
Boron	10-1	8.30	11.69	10.63	10.20	16.99	ppb
Cadmium	106-1	0.44	-1.08	-0.92	-0.52		ppb
Cadmium	108-1	-0.01	-0.04	0.02	-0.01		ppb
Cadmium	111-1	0.03	-0.08	-0.08	-0.04		ppb
Calcium	43-1	1.30	4.21	2.96	2.82	51.78	ppb
Calcium	44-1	1.68	1.90	2.05	1.88	10.03	ppb
Chromium	52-2	0.01	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.32	0.39	0.35	0.35	9.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.01	2.87	2.94	2.94	2.23	ppb
Iron	57-2	2.18	2.19	1.80	2.06	10.72	ppb
Lead	206-1	0.06	0.04	0.05	0.05	14.15	ppb
Lead	207-1	0.06	0.04	0.03	0.04	35.13	ppb
Lead	208-1	0.05	0.03	0.03	0.04	21.45	ppb
Lithium	6-1						%
Magnesium	24-2	-10.64	-11.34	-11.41	-11.13		ppb
Manganese	55-2	-0.01	-0.08	-0.05	-0.05		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.03	0.01	0.02	50.92	ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	27.81	ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	61.00	ppb
Molybdenum	96-1	0.04	0.02	0.02	0.03	43.57	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.19	-0.20	-0.19		ppb
Phosphorus	31-2	-13.63	-18.30	0.43	-10.50		ppb
Potassium	39-2	8.81	8.87	9.85	9.18	6.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.62	0.21	173.21	ppb
Selenium	78-2	-0.07	-0.31	-1.16	-0.52		ppb
Selenium	82-1	1.15	0.01	-0.30	0.29	266.22	ppb
Silicon	28-1	-1.35	-2.24	-0.25	-1.28		ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.56	ppb
Silver	107-1	0.07	0.08	0.06	0.07	14.00	ppb
Sodium	23-2	34.19	35.66	34.14	34.66	2.49	ppb
Strontium	86-1	-0.09	-0.04	-0.08	-0.07		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	35.89	ppb
Sulfur	34-1	-756.91	-765.05	-660.23	-727.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.12	0.09	0.10	14.80	ppb
Titanium	47-1	0.02	0.02	-0.01	0.01	257.49	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	85.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.16	0.35	0.39	0.30	41.60	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.69	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.02	0.05	0.05	53.20	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.12	24.81	23.68	24.54	3.10	ppb
Antimony	121-1	0.15	0.14	0.19	0.16	16.55	ppb
Arsenic	75-2	0.30	0.15	0.21	0.22	33.16	ppb
Barium	135-1	3.52	3.51	3.60	3.55	1.39	ppb
Barium	137-1	3.56	3.59	3.48	3.54	1.63	ppb
Beryllium	9-1	0.17	0.13	0.26	0.19	32.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.09	9.04	8.13	8.75	6.23	ppb
Boron	10-1	8.91	8.72	9.94	9.19	7.12	ppb
Cadmium	106-1	-1.28	0.26	1.71	0.23	653.21	ppb
Cadmium	108-1	0.13	-0.07	-0.01	0.02	620.05	ppb
Cadmium	111-1	-0.11	0.02	0.13	0.02	746.74	ppb
Calcium	43-1	9185.52	9170.73	9284.49	9213.58	0.67	ppb
Calcium	44-1	9328.15	9387.48	9382.73	9366.12	0.35	ppb
Chromium	52-2	0.11	0.11	0.15	0.12	16.91	ppb
Cobalt	59-2	0.09	0.09	0.13	0.10	19.37	ppb
Copper	63-2	0.67	0.74	0.77	0.72	7.50	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	165.94	166.89	164.16	165.67	0.84	ppb
Iron	57-2	179.51	178.66	175.83	178.00	1.08	ppb
Lead	206-1	0.06	0.03	0.04	0.04	28.38	ppb
Lead	207-1	0.07	0.05	0.03	0.05	41.80	ppb
Lead	208-1	0.06	0.05	0.05	0.05	12.58	ppb
Lithium	6-1						%
Magnesium	24-2	1369.78	1383.90	1376.45	1376.71	0.51	ppb
Manganese	55-2	168.95	171.80	170.43	170.39	0.84	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.09	0.08	0.11	0.09	15.77	ppb
Molybdenum	94-1	0.11	0.15	0.12	0.12	17.15	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	7.22	ppb
Molybdenum	96-1	0.10	0.09	0.10	0.09	6.43	ppb
Molybdenum	97-1	0.11	0.08	0.08	0.09	16.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.06	-0.02	0.05	136.69	ppb
Phosphorus	31-2	-1.98	19.45	2.65	6.70	168.18	ppb
Potassium	39-2	133.60	148.96	141.97	141.51	5.43	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	0.40	-0.40	-0.12	-0.04		ppb
Selenium	82-1	0.85	-0.50	0.10	0.15	449.27	ppb
Silicon	28-1	223.95	226.33	226.90	225.73	0.69	ppb
Silver	109-1	0.09	0.11	0.11	0.10	9.24	ppb
Silver	107-1	0.11	0.12	0.12	0.12	5.83	ppb
Sodium	23-2	2779.85	2789.45	2788.26	2785.85	0.19	ppb
Strontium	86-1	44.45	44.77	45.23	44.82	0.88	ppb
Strontium	88-1	45.12	45.02	45.30	45.15	0.32	ppb
Sulfur	34-1	-384.24	-470.33	-386.32	-413.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.11	0.09	0.10	0.10	7.19	ppb
Titanium	47-1	0.48	0.45	0.32	0.42	19.74	ppb
Uranium	238-1	0.07	0.06	0.06	0.07	8.83	ppb
Vanadium	51-2	0.07	0.10	0.09	0.09	17.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.85	0.74	1.01	0.87	15.81	ppb
Zirconium	90-1	0.13	0.13	0.12	0.13	3.97	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.11	0.17	0.14	21.64	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.77	48.74	40.03	44.18	9.89	ppb
Antimony	121-1	0.14	0.15	0.18	0.16	12.06	ppb
Arsenic	75-2	0.11	0.03	0.04	0.06	75.80	ppb
Barium	135-1	0.75	0.67	0.82	0.75	10.36	ppb
Barium	137-1	0.74	0.74	0.75	0.75	0.97	ppb
Beryllium	9-1	0.13	0.19	0.09	0.14	36.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.84	8.71	8.69	8.75	0.92	ppb
Boron	10-1	9.35	8.65	9.10	9.03	3.92	ppb
Cadmium	106-1	-0.41	0.89	0.77	0.42	171.85	ppb
Cadmium	108-1	-0.10	-0.04	-0.10	-0.08		ppb
Cadmium	111-1	-0.03	0.06	0.06	0.03	183.78	ppb
Calcium	43-1	173.09	183.75	191.39	182.74	5.03	ppb
Calcium	44-1	177.53	178.05	187.71	181.10	3.17	ppb
Chromium	52-2	0.18	0.18	0.16	0.17	8.22	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.34	0.33	0.32	0.33	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	5.06	5.41	5.07	5.18	3.78	ppb
Iron	57-2	5.44	4.17	5.38	5.00	14.29	ppb
Lead	206-1	0.19	0.22	0.23	0.21	8.20	ppb
Lead	207-1	0.18	0.19	0.20	0.19	5.31	ppb
Lead	208-1	0.19	0.19	0.21	0.20	4.25	ppb
Lithium	6-1						%
Magnesium	24-2	-1.90	-2.29	-4.42	-2.87		ppb
Manganese	55-2	0.10	0.09	0.15	0.12	27.56	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.10	0.11	0.10	8.55	ppb
Molybdenum	94-1	0.04	0.04	0.05	0.04	17.89	ppb
Molybdenum	95-1	0.13	0.10	0.09	0.10	19.02	ppb
Molybdenum	96-1	0.12	0.08	0.08	0.09	23.46	ppb
Molybdenum	97-1	0.09	0.07	0.05	0.07	27.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.14	-0.18	-0.16		ppb
Phosphorus	31-2	21.28	-13.36	-0.58	2.45	716.13	ppb
Potassium	39-2	7.58	9.12	13.10	9.93	28.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.16	0.00	0.00	0.39	173.21	ppb
Selenium	78-2	-1.02	-0.52	0.42	-0.38		ppb
Selenium	82-1	0.27	0.38	0.10	0.25	57.33	ppb
Silicon	28-1	252.35	251.59	266.45	256.80	3.26	ppb
Silver	109-1	0.05	0.03	0.05	0.05	20.67	ppb
Silver	107-1	0.06	0.06	0.05	0.05	9.31	ppb
Sodium	23-2	425.69	424.17	423.43	424.43	0.27	ppb
Strontium	86-1	1.35	1.40	1.36	1.37	1.71	ppb
Strontium	88-1	1.50	1.51	1.51	1.51	0.52	ppb
Sulfur	34-1	-1729.83	-1737.64	-1192.36	-1553.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.01		ppb
Tin	118-1	4.72	4.61	4.92	4.75	3.24	ppb
Titanium	47-1	0.08	0.09	0.06	0.08	15.37	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.06	0.06	0.05	0.05	11.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.27	4.20	3.97	4.14	3.73	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.01	179.75	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	212.82	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50019.65	50296.34	50227.34	50181.11	0.29	ppb
Antimony	121-1	512.96	517.46	521.76	517.39	0.85	ppb
Arsenic	75-2	508.60	507.21	503.74	506.52	0.49	ppb
Barium	135-1	2510.44	2521.44	2538.65	2523.51	0.56	ppb
Barium	137-1	2530.71	2538.96	2568.69	2546.12	0.78	ppb
Beryllium	9-1	517.10	514.00	510.46	513.85	0.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	513.13	515.91	526.52	518.52	1.36	ppb
Boron	10-1	506.24	518.46	523.14	515.94	1.69	ppb
Cadmium	106-1	488.48	493.82	492.51	491.61	0.57	ppb
Cadmium	108-1	488.13	491.43	494.30	491.29	0.63	ppb
Cadmium	111-1	480.21	488.41	487.81	485.48	0.94	ppb
Calcium	43-1	241823.94	244390.22	244956.89	243723.68	0.68	ppb
Calcium	44-1	242506.16	243930.59	244659.92	243698.89	0.45	ppb
Chromium	52-2	515.94	517.99	517.87	517.27	0.22	ppb
Cobalt	59-2	496.04	497.78	498.91	497.57	0.29	ppb
Copper	63-2	971.88	975.69	971.78	973.12	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124518.17	124292.32	124975.81	124595.43	0.28	ppb
Iron	57-2	125057.44	125205.71	124468.10	124910.42	0.31	ppb
Lead	206-1	512.50	512.69	512.48	512.56	0.02	ppb
Lead	207-1	513.30	511.19	512.42	512.30	0.21	ppb
Lead	208-1	515.59	514.09	517.09	515.59	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	244144.37	245571.90	245265.29	244993.85	0.31	ppb
Manganese	55-2	1013.11	1013.67	1012.16	1012.98	0.08	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	509.38	510.23	511.95	510.52	0.26	ppb
Molybdenum	94-1	510.06	503.46	509.86	507.79	0.74	ppb
Molybdenum	95-1	502.44	500.05	505.96	502.82	0.59	ppb
Molybdenum	96-1	501.84	500.84	510.14	504.28	1.01	ppb
Molybdenum	97-1	504.15	502.36	511.76	506.09	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.40	497.56	498.80	498.58	0.19	ppb
Phosphorus	31-2	10010.67	10453.65	9853.58	10105.97	3.08	ppb
Potassium	39-2	123933.79	124326.52	124197.55	124152.62	0.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	490.90	489.38	492.48	490.92	0.32	ppb
Selenium	78-2	495.63	500.96	501.32	499.30	0.64	ppb
Selenium	82-1	481.17	481.63	493.28	485.36	1.41	ppb
Silicon	28-1	532.79	539.78	542.43	538.33	0.93	ppb
Silver	109-1	477.23	479.39	485.12	480.58	0.85	ppb
Silver	107-1	480.02	481.43	485.79	482.42	0.62	ppb
Sodium	23-2	248015.91	247715.82	248145.10	247958.95	0.09	ppb
Strontium	86-1	513.04	512.73	516.77	514.18	0.44	ppb
Strontium	88-1	522.17	518.20	522.92	521.09	0.49	ppb
Sulfur	34-1	9839.88	10051.16	10208.33	10033.12	1.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.59	513.11	510.08	511.59	0.30	ppb
Thallium	205-1	515.28	519.28	519.08	517.88	0.43	ppb
Tin	118-1	494.32	500.12	503.72	499.39	0.95	ppb
Titanium	47-1	503.87	506.86	504.62	505.11	0.31	ppb
Uranium	238-1	521.04	529.12	526.46	525.54	0.78	ppb
Vanadium	51-2	510.09	513.78	514.30	512.72	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	965.58	967.48	964.07	965.71	0.18	ppb
Zirconium	90-1	513.76	506.58	513.74	511.36	0.81	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.14	502.47	505.83	504.15	0.33	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	0.07	-0.17	-0.09		ppb
Antimony	121-1	0.25	0.21	0.23	0.23	6.64	ppb
Arsenic	75-2	0.03	0.02	-0.01	0.01	173.71	ppb
Barium	135-1	0.01	-0.01	0.02	0.01	288.68	ppb
Barium	137-1	0.00	0.02	0.01	0.01	65.01	ppb
Beryllium	9-1	0.20	0.18	0.19	0.19	6.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.10	8.88	8.67	8.55	4.67	ppb
Boron	10-1	8.53	7.31	8.21	8.02	7.88	ppb
Cadmium	106-1	-0.22	-1.36	0.58	-0.33		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Cadmium	111-1	-0.01	-0.10	0.04	-0.02		ppb
Calcium	43-1	0.18	2.03	2.44	1.55	77.87	ppb
Calcium	44-1	0.49	0.39	0.31	0.40	21.93	ppb
Chromium	52-2	-0.03	-0.04	-0.02	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.09	0.15	0.16	0.13	30.53	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	2.84	2.74	2.51	2.70	6.26	ppb
Iron	57-2	1.99	2.16	1.96	2.04	5.18	ppb
Lead	206-1	0.07	0.03	0.06	0.05	31.06	ppb
Lead	207-1	0.07	0.06	0.05	0.06	14.96	ppb
Lead	208-1	0.06	0.05	0.06	0.06	8.02	ppb
Lithium	6-1						%
Magnesium	24-2	-11.67	-11.78	-12.46	-11.97		ppb
Manganese	55-2	-0.08	-0.07	-0.10	-0.08		ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.01	0.01	0.02	63.23	ppb
Molybdenum	94-1	0.04	0.05	0.04	0.04	15.95	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	98.86	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.05	27.29	ppb
Molybdenum	97-1	0.00	0.03	0.00	0.01	116.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.12	-0.19	-0.18		ppb
Phosphorus	31-2	-16.20	14.37	20.70	6.29	313.63	ppb
Potassium	39-2	11.17	20.01	8.75	13.31	44.54	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	-0.10	0.45	0.43	0.26	120.55	ppb
Selenium	82-1	0.47	0.73	0.62	0.61	21.23	ppb
Silicon	28-1	-1.13	-1.21	-0.55	-0.96		ppb
Silver	109-1	0.04	0.05	0.05	0.04	2.63	ppb
Silver	107-1	0.04	0.05	0.04	0.04	21.28	ppb
Sodium	23-2	26.59	26.01	23.82	25.47	5.73	ppb
Strontium	86-1	-0.06	-0.06	-0.01	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	181.81	ppb
Sulfur	34-1	-559.65	-574.47	-611.02	-581.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	320.87	ppb
Tin	118-1	0.08	0.13	0.12	0.11	25.89	ppb
Titanium	47-1	0.04	0.03	-0.01	0.02	113.00	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	78.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.25	0.10	0.15	59.17	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	6.36	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.06	0.05	0.06	22.16	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3010.32	3027.33	2956.76	2998.14	1.23	ppb
Antimony	121-1	14.08	13.92	13.40	13.80	2.55	ppb
Arsenic	75-2	117.93	118.36	119.37	118.55	0.62	ppb
Barium	135-1	1594.78	1593.94	1591.06	1593.26	0.12	ppb
Barium	137-1	1638.68	1636.16	1619.94	1631.59	0.62	ppb
Beryllium	9-1	0.24	0.35	0.22	0.27	25.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	543.30	543.95	536.85	541.36	0.73	ppb
Boron	10-1	533.18	531.00	529.87	531.35	0.32	ppb
Cadmium	106-1	1.28	2.10	1.85	1.74	24.16	ppb
Cadmium	108-1	2.68	2.26	2.30	2.41	9.64	ppb
Cadmium	111-1	1.55	1.70	1.62	1.62	4.63	ppb
Calcium	43-1	541970.97	541027.15	544130.41	542376.18	0.29	ppb
Calcium	44-1	544183.85	542434.38	545248.25	543955.49	0.26	ppb
Chromium	52-2	17.47	17.64	23.55	19.55	17.69	ppb
Cobalt	59-2	43.15	43.69	43.12	43.32	0.73	ppb
Copper	63-2	223.54	226.58	224.80	224.97	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	145260.12	146154.40	142615.53	144676.68	1.27	ppb
Iron	57-2	145596.90	146689.06	143469.35	145251.77	1.13	ppb
Lead	206-1	988.89	998.96	1010.92	999.59	1.10	ppb
Lead	207-1	927.67	941.70	953.55	940.97	1.38	ppb
Lead	208-1	953.80	970.87	981.19	968.62	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	42898.94	43394.53	42163.01	42818.83	1.45	ppb
Manganese	55-2	5183.22	5236.08	5162.16	5193.82	0.73	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	19.15	19.02	19.31	19.16	0.76	ppb
Molybdenum	94-1	7.42	7.12	7.14	7.23	2.29	ppb
Molybdenum	95-1	19.49	19.09	19.45	19.34	1.14	ppb
Molybdenum	96-1	17.31	17.03	17.11	17.15	0.86	ppb
Molybdenum	97-1	19.22	19.41	19.53	19.39	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.01	71.76	68.90	69.89	2.32	ppb
Phosphorus	31-2	1199.74	1105.95	1130.29	1145.33	4.25	ppb
Potassium	39-2	42815.37	43123.93	42596.33	42845.21	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.71	6.96	9.01	8.56	16.65	ppb
Selenium	78-2	3.27	3.77	4.20	3.74	12.40	ppb
Selenium	82-1	4.75	4.73	3.18	4.22	21.33	ppb
Silicon	28-1	23493.75	23400.35	23689.97	23528.02	0.63	ppb
Silver	109-1	2.55	2.45	2.27	2.42	5.96	ppb
Silver	107-1	2.59	2.47	2.43	2.50	3.23	ppb
Sodium	23-2	63569.94	63925.80	62768.02	63421.25	0.94	ppb
Strontium	86-1	2177.71	2180.34	2189.24	2182.43	0.28	ppb
Strontium	88-1	2191.42	2187.45	2186.25	2188.37	0.12	ppb
Sulfur	34-1	32967.86	32978.34	32909.74	32951.98	0.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.10	0.11	0.12	19.67	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	8.78	ppb
Tin	118-1	43.24	43.20	42.68	43.04	0.73	ppb
Titanium	47-1	89.09	97.44	88.30	91.61	5.53	ppb
Uranium	238-1	0.40	0.36	0.40	0.39	5.66	ppb
Vanadium	51-2	16.41	16.50	15.97	16.29	1.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2308.03	2345.79	2301.50	2318.44	1.03	ppb
Zirconium	90-1	1.70	2.11	1.39	1.74	20.68	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.80	1.44	2.00	1.75	16.24	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12866.42	12819.36	12768.72	12818.17	0.38	ppb
Antimony	121-1	3.44	3.22	3.36	3.34	3.36	ppb
Arsenic	75-2	42.20	41.29	42.56	42.02	1.55	ppb
Barium	135-1	1989.22	1961.10	1944.88	1965.07	1.14	ppb
Barium	137-1	2022.73	1973.29	1983.88	1993.30	1.31	ppb
Beryllium	9-1	2.30	2.16	2.15	2.20	3.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	321.46	317.05	321.66	320.06	0.81	ppb
Boron	10-1	302.07	315.08	310.56	309.24	2.14	ppb
Cadmium	106-1	2.33	2.31	2.02	2.22	7.79	ppb
Cadmium	108-1	2.85	2.97	2.96	2.93	2.32	ppb
Cadmium	111-1	1.11	1.18	1.10	1.13	3.77	ppb
Calcium	43-1	260747.22	262139.13	258819.76	260568.70	0.64	ppb
Calcium	44-1	260118.60	258393.39	257163.93	258558.64	0.57	ppb
Chromium	52-2	44.65	44.93	44.27	44.62	0.74	ppb
Cobalt	59-2	34.09	33.96	33.69	33.91	0.60	ppb
Copper	63-2	84.02	83.76	82.83	83.54	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	242366.10	244286.69	240222.12	242291.63	0.84	ppb
Iron	57-2	242853.03	244319.47	242983.74	243385.41	0.33	ppb
Lead	206-1	797.19	798.61	794.91	796.90	0.23	ppb
Lead	207-1	742.40	742.39	745.12	743.30	0.21	ppb
Lead	208-1	769.99	768.32	770.99	769.77	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	36688.92	36330.70	35953.10	36324.24	1.01	ppb
Manganese	55-2	4363.05	4383.70	4354.12	4366.95	0.35	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.14	1.14	1.15	1.14	0.68	ppb
Molybdenum	94-1	1.68	1.46	1.41	1.52	9.41	ppb
Molybdenum	95-1	1.24	1.20	1.12	1.18	5.19	ppb
Molybdenum	96-1	2.43	2.26	2.29	2.33	3.88	ppb
Molybdenum	97-1	1.16	1.10	1.20	1.16	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.13	81.90	80.68	80.90	1.12	ppb
Phosphorus	31-2	14019.44	14076.80	13817.94	13971.40	0.97	ppb
Potassium	39-2	31569.07	31770.86	31470.84	31603.59	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.90	5.91	6.58	6.80	14.85	ppb
Selenium	78-2	3.93	2.70	1.71	2.78	39.82	ppb
Selenium	82-1	2.03	2.93	3.68	2.88	28.61	ppb
Silicon	28-1	22872.88	22744.95	22594.51	22737.45	0.61	ppb
Silver	109-1	0.67	0.68	0.64	0.66	2.82	ppb
Silver	107-1	0.70	0.69	0.69	0.69	0.71	ppb
Sodium	23-2	96436.82	96132.18	95518.38	96029.13	0.49	ppb
Strontium	86-1	1165.68	1149.90	1162.96	1159.51	0.73	ppb
Strontium	88-1	1172.60	1162.56	1175.47	1170.21	0.58	ppb
Sulfur	34-1	4424.58	4321.88	4090.51	4278.99	4.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.04	0.04	16.59	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	12.78	ppb
Tin	118-1	40.77	40.82	39.88	40.49	1.30	ppb
Titanium	47-1	77.18	81.42	67.64	75.41	9.36	ppb
Uranium	238-1	0.43	0.44	0.44	0.43	1.36	ppb
Vanadium	51-2	125.07	125.63	125.22	125.31	0.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5758.77	5803.48	5753.03	5771.76	0.48	ppb
Zirconium	90-1	1.78	3.35	1.39	2.17	47.75	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.45	1.37	2.95	1.93	46.20	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.72	140.22	164.99	153.31	8.12	ppb
Antimony	121-1	0.78	0.75	0.80	0.78	3.61	ppb
Arsenic	75-2	6.05	6.14	6.42	6.20	3.17	ppb
Barium	135-1	79.37	79.06	78.13	78.85	0.81	ppb
Barium	137-1	80.65	79.50	79.30	79.82	0.91	ppb
Beryllium	9-1	0.17	0.17	0.13	0.16	13.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	52.16	51.66	50.70	51.51	1.44	ppb
Boron	10-1	49.71	47.94	51.57	49.74	3.65	ppb
Cadmium	106-1	1.13	0.78	0.26	0.73	60.17	ppb
Cadmium	108-1	-0.01	0.13	0.13	0.08	100.02	ppb
Cadmium	111-1	0.18	0.11	0.07	0.12	47.73	ppb
Calcium	43-1	26982.76	27028.85	27163.73	27058.44	0.35	ppb
Calcium	44-1	27793.97	27573.19	27711.15	27692.77	0.40	ppb
Chromium	52-2	0.83	0.85	0.86	0.84	1.92	ppb
Cobalt	59-2	2.15	2.24	2.17	2.19	2.07	ppb
Copper	63-2	12.16	12.30	12.27	12.24	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	7417.52	7457.77	7460.23	7445.17	0.32	ppb
Iron	57-2	7341.45	7284.65	7301.03	7309.05	0.40	ppb
Lead	206-1	50.49	51.44	51.78	51.23	1.31	ppb
Lead	207-1	47.63	47.92	48.29	47.95	0.70	ppb
Lead	208-1	49.16	49.75	49.96	49.62	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	2167.49	2171.36	2182.47	2173.78	0.36	ppb
Manganese	55-2	259.33	263.52	263.52	262.12	0.92	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.98	0.89	0.89	0.92	5.23	ppb
Molybdenum	94-1	0.32	0.31	0.35	0.33	6.11	ppb
Molybdenum	95-1	0.91	0.92	0.92	0.92	0.56	ppb
Molybdenum	96-1	0.84	0.78	0.80	0.80	3.71	ppb
Molybdenum	97-1	0.89	0.97	0.84	0.90	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.54	3.51	3.47	2.47	ppb
Phosphorus	31-2	64.53	75.02	65.43	68.33	8.51	ppb
Potassium	39-2	2144.36	2193.49	2199.39	2179.08	1.39	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	0.51	0.12	-0.16	0.15	219.92	ppb
Selenium	82-1	1.00	0.88	1.36	1.08	23.26	ppb
Silicon	28-1	1227.48	1261.41	1223.33	1237.41	1.69	ppb
Silver	109-1	0.21	0.21	0.20	0.21	4.50	ppb
Silver	107-1	0.19	0.21	0.19	0.20	7.40	ppb
Sodium	23-2	3203.51	3226.49	3221.31	3217.10	0.37	ppb
Strontium	86-1	108.26	108.46	107.02	107.91	0.72	ppb
Strontium	88-1	109.26	108.64	108.44	108.78	0.40	ppb
Sulfur	34-1	490.07	637.43	585.05	570.85	13.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	2.17	2.08	2.03	2.09	3.23	ppb
Titanium	47-1	6.31	7.99	6.74	7.01	12.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.10	ppb
Vanadium	51-2	0.84	0.84	0.91	0.86	4.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	126.96	126.15	129.46	127.52	1.35	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	6.94	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.06	0.03	85.67	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	707.04	642.08	667.06	672.06	4.88	ppb
Antimony	121-1	0.22	0.22	0.23	0.22	0.97	ppb
Arsenic	75-2	2.26	2.16	2.21	2.21	2.48	ppb
Barium	135-1	100.83	96.55	98.10	98.49	2.20	ppb
Barium	137-1	101.02	97.51	98.39	98.97	1.84	ppb
Beryllium	9-1	0.19	0.23	0.29	0.24	21.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	33.26	31.84	31.24	32.11	3.25	ppb
Boron	10-1	29.15	27.69	35.32	30.72	13.19	ppb
Cadmium	106-1	0.96	1.06	-2.11	-0.03		ppb
Cadmium	108-1	0.11	0.08	0.20	0.13	47.07	ppb
Cadmium	111-1	0.14	0.15	-0.12	0.05	276.39	ppb
Calcium	43-1	12776.30	12311.78	12653.68	12580.59	1.91	ppb
Calcium	44-1	13082.53	12554.69	13010.90	12882.71	2.22	ppb
Chromium	52-2	2.18	2.24	2.14	2.19	2.23	ppb
Cobalt	59-2	1.68	1.65	1.65	1.66	1.21	ppb
Copper	63-2	4.88	4.49	4.56	4.65	4.49	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	12906.70	12234.51	12317.99	12486.40	2.93	ppb
Iron	57-2	12591.88	12013.22	12102.03	12235.71	2.55	ppb
Lead	206-1	39.24	38.34	38.60	38.73	1.20	ppb
Lead	207-1	36.90	35.74	36.64	36.43	1.68	ppb
Lead	208-1	38.06	36.84	37.74	37.55	1.69	ppb
Lithium	6-1						%
Magnesium	24-2	1952.77	1849.87	1862.24	1888.29	2.98	ppb
Manganese	55-2	227.23	217.36	220.01	221.53	2.30	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.05	0.05	0.05	0.05	9.28	ppb
Molybdenum	94-1	0.10	0.05	0.07	0.08	34.88	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	21.03	ppb
Molybdenum	96-1	0.11	0.14	0.10	0.11	16.49	ppb
Molybdenum	97-1	0.02	0.04	0.05	0.03	39.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.31	3.88	3.77	3.99	7.18	ppb
Phosphorus	31-2	735.89	686.95	759.61	727.48	5.09	ppb
Potassium	39-2	1687.67	1590.60	1605.96	1628.08	3.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	1.31	1.30	0.87	86.60	ppb
Selenium	78-2	0.03	1.24	0.12	0.47	144.63	ppb
Selenium	82-1	0.06	1.04	0.57	0.56	87.73	ppb
Silicon	28-1	1184.56	1145.59	1175.63	1168.60	1.75	ppb
Silver	109-1	0.10	0.11	0.10	0.10	1.48	ppb
Silver	107-1	0.12	0.10	0.11	0.11	10.95	ppb
Sodium	23-2	5123.72	4869.27	4956.01	4983.00	2.60	ppb
Strontium	86-1	61.11	58.63	59.73	59.82	2.07	ppb
Strontium	88-1	62.19	59.22	60.10	60.50	2.53	ppb
Sulfur	34-1	-462.56	-768.86	-624.74	-618.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	2.04	2.09	1.99	2.04	2.50	ppb
Titanium	47-1	3.20	3.09	2.48	2.93	13.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.05	ppb
Vanadium	51-2	6.35	6.35	6.44	6.38	0.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	315.90	305.16	306.41	309.15	1.90	ppb
Zirconium	90-1	0.06	0.05	0.09	0.07	26.85	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.09	0.08	23.63	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:26:04	DataFile Name :	044CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49417.58	49009.49	49570.39	49332.48	0.59	ppb
Antimony	121-1	504.25	507.26	507.38	506.29	0.35	ppb
Arsenic	75-2	502.74	507.49	507.71	505.98	0.55	ppb
Barium	135-1	2504.06	2498.86	2496.71	2499.88	0.15	ppb
Barium	137-1	2537.85	2502.37	2509.25	2516.49	0.75	ppb
Beryllium	9-1	508.77	512.24	513.32	511.44	0.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	509.74	520.81	526.05	518.87	1.60	ppb
Boron	10-1	514.72	499.63	515.24	509.86	1.74	ppb
Cadmium	106-1	488.60	482.51	493.55	488.22	1.13	ppb
Cadmium	108-1	492.82	480.15	495.78	489.58	1.70	ppb
Cadmium	111-1	478.01	477.88	479.70	478.53	0.21	ppb
Calcium	43-1	243029.87	243829.17	243995.89	243618.31	0.21	ppb
Calcium	44-1	242663.58	241866.38	242938.16	242489.37	0.23	ppb
Chromium	52-2	519.59	516.94	523.41	519.98	0.63	ppb
Cobalt	59-2	496.78	494.93	504.10	498.60	0.97	ppb
Copper	63-2	980.03	979.72	985.55	981.77	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125473.29	124581.38	125419.62	125158.10	0.40	ppb
Iron	57-2	125070.61	125434.32	125820.11	125441.68	0.30	ppb
Lead	206-1	512.87	510.59	508.86	510.78	0.39	ppb
Lead	207-1	509.09	511.75	512.66	511.16	0.36	ppb
Lead	208-1	513.34	514.06	513.42	513.61	0.08	ppb
Lithium	6-1						%
Magnesium	24-2	241912.02	239974.52	240674.82	240853.79	0.41	ppb
Manganese	55-2	1013.62	1007.60	1016.72	1012.65	0.46	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:26:04	DataFile Name :	044CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	503.28	504.47	501.60	503.12	0.29	ppb
Molybdenum	94-1	499.67	499.89	496.60	498.72	0.37	ppb
Molybdenum	95-1	500.87	498.38	492.75	497.33	0.84	ppb
Molybdenum	96-1	497.84	494.75	492.52	495.04	0.54	ppb
Molybdenum	97-1	498.17	498.08	495.72	497.33	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.26	498.13	504.85	501.41	0.67	ppb
Phosphorus	31-2	9998.20	10025.81	10501.24	10175.08	2.78	ppb
Potassium	39-2	122665.36	123073.34	124252.93	123330.54	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	533.68	501.51	487.14	507.44	4.70	ppb
Selenium	78-2	505.22	497.17	483.85	495.41	2.18	ppb
Selenium	82-1	480.96	477.04	475.67	477.89	0.57	ppb
Silicon	28-1	525.64	533.34	536.79	531.92	1.07	ppb
Silver	109-1	478.31	471.75	477.17	475.74	0.74	ppb
Silver	107-1	478.86	474.10	482.11	478.36	0.84	ppb
Sodium	23-2	241775.53	243268.08	244763.89	243269.17	0.61	ppb
Strontium	86-1	506.54	508.55	507.03	507.38	0.21	ppb
Strontium	88-1	511.94	518.49	513.76	514.73	0.66	ppb
Sulfur	34-1	9495.20	9644.71	9762.64	9634.19	1.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.82	506.95	513.92	510.23	0.69	ppb
Thallium	205-1	521.19	514.34	516.05	517.19	0.69	ppb
Tin	118-1	492.58	496.02	496.19	494.93	0.41	ppb
Titanium	47-1	503.80	502.19	498.82	501.60	0.51	ppb
Uranium	238-1	527.02	521.80	523.56	524.12	0.51	ppb
Vanadium	51-2	514.03	511.45	517.83	514.44	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	970.11	971.63	974.88	972.21	0.25	ppb
Zirconium	90-1	503.74	504.12	501.51	503.12	0.28	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:26:04	DataFile Name :	044CCV_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.79	501.43	494.30	497.51	0.73	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:31:43	DataFile Name :	045CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	0.55	1.62	1.42	55.26	ppb
Antimony	121-1	0.47	0.48	0.45	0.47	2.84	ppb
Arsenic	75-2	0.06	0.04	0.07	0.06	32.19	ppb
Barium	135-1	0.12	0.06	0.08	0.09	32.90	ppb
Barium	137-1	0.10	0.12	0.08	0.10	16.51	ppb
Beryllium	9-1	0.30	0.22	0.28	0.27	15.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.67	15.50	16.33	16.17	3.73	ppb
Boron	10-1	16.68	16.17	13.00	15.29	13.04	ppb
Cadmium	106-1	0.73	0.03	1.29	0.68	92.65	ppb
Cadmium	108-1	-0.01	-0.04	-0.07	-0.04		ppb
Cadmium	111-1	0.07	0.02	0.12	0.07	70.79	ppb
Calcium	43-1	13.14	7.91	10.13	10.39	25.26	ppb
Calcium	44-1	12.40	10.69	9.76	10.95	12.20	ppb
Chromium	52-2	0.01	0.03	0.01	0.02	65.40	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.28	0.28	0.25	0.27	5.73	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	10.74	9.07	8.22	9.34	13.74	ppb
Iron	57-2	8.10	10.46	8.19	8.92	15.03	ppb
Lead	206-1	0.11	0.11	0.11	0.11	1.65	ppb
Lead	207-1	0.12	0.12	0.10	0.11	10.47	ppb
Lead	208-1	0.11	0.12	0.10	0.11	11.32	ppb
Lithium	6-1						%
Magnesium	24-2	-0.98	-5.02	-7.35	-4.45		ppb
Manganese	55-2	0.01	0.02	0.01	0.01	70.27	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:31:43	DataFile Name :	045CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.12	0.08	0.09	0.10	20.57	ppb
Molybdenum	94-1	0.13	0.10	0.11	0.11	15.65	ppb
Molybdenum	95-1	0.08	0.10	0.14	0.10	28.04	ppb
Molybdenum	96-1	0.10	0.13	0.10	0.11	14.86	ppb
Molybdenum	97-1	0.08	0.07	0.08	0.08	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.19	-0.21	-0.19		ppb
Phosphorus	31-2	-1.99	-11.12	5.33	-2.60		ppb
Potassium	39-2	18.52	18.92	17.27	18.24	4.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.63	0.63	0.00	0.42	86.60	ppb
Selenium	78-2	0.89	0.44	-0.19	0.38	142.50	ppb
Selenium	82-1	0.38	0.18	0.13	0.23	56.49	ppb
Silicon	28-1	1.74	-0.51	-0.55	0.23	572.66	ppb
Silver	109-1	0.07	0.09	0.07	0.07	17.31	ppb
Silver	107-1	0.08	0.08	0.07	0.08	8.55	ppb
Sodium	23-2	46.56	39.00	36.12	40.56	13.30	ppb
Strontium	86-1	-0.07	-0.04	0.08	-0.01		ppb
Strontium	88-1	0.02	0.03	0.02	0.02	12.93	ppb
Sulfur	34-1	-575.36	-803.76	-661.96	-680.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.02	25.50	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.70	ppb
Tin	118-1	0.21	0.16	0.18	0.18	13.96	ppb
Titanium	47-1	0.00	-0.01	0.07	0.02	230.68	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	48.10	ppb
Vanadium	51-2	0.04	0.02	0.01	0.02	51.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.33	0.49	0.35	35.61	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	7.20	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:31:43	DataFile Name :	045CCBE_P7070517B.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.10	0.08	17.83	ppb

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	42	44	28.65	cps
Antimony	121-1	150	225	267	214	27.64	cps
Arsenic	75-2	19	7	22	16	48.02	cps
Barium	135-1	75	50	83	69	24.98	cps
Barium	137-1	67	117	58	81	39.16	cps
Beryllium	9-1	161	161	200	174	12.90	cps
Bismuth	209-1	7069632	6985994	6996398	7017342	0.65	cps
Bismuth	209-2	3908678	3906331	3926335	3913781	0.28	cps
Boron	11-1	675	883	658	739	16.97	cps
Boron	10-1	167	117	158	147	18.20	cps
Cadmium	106-1	2359	2375	2084	2273	7.21	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Cadmium	111-1	1673	1659	1486	1606	6.51	cps
Calcium	43-1	217	150	158	175	20.76	cps
Calcium	44-1	5585	5510	5243	5446	3.30	cps
Chromium	52-2	463	530	550	514	8.82	cps
Cobalt	59-2	183	177	250	203	19.94	cps
Copper	63-2	890	793	930	871	8.07	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	17	25	50	31	56.77	cps
Erbium	164-2	10	23	17	17	39.99	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	40	60	40	47	24.74	cps
Holmium	165-1	10297639	10182453	10247312	10242468	0.56	cps
Holmium	165-2	4988248	4978449	4973890	4980196	0.15	cps
Indium	115-1	7609187	7658567	7628286	7632013	0.33	cps
Indium	115-2	1418205	1419968	1428877	1422350	0.40	cps
Iron	56-2	3678	3612	3634	3641	0.93	cps
Iron	57-2	167	183	217	189	13.48	cps
Lead	206-1	1050	1039	945	1011	5.74	cps
Lead	207-1	833	939	989	920	8.63	cps
Lead	208-1	3950	4050	4295	4099	4.32	cps
Lithium	6-1	1319088	1319399	1321253	1319913	0.09	cps
Magnesium	24-2	3075	2709	2934	2906	6.36	cps
Manganese	55-2	213	227	207	216	4.72	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	267	292	250	269	7.78	cps
Molybdenum	94-1	317	283	242	281	13.39	cps
Molybdenum	95-1	133	217	133	161	29.86	cps
Molybdenum	96-1	192	258	183	211	19.47	cps
Molybdenum	97-1	158	183	117	153	22.04	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	450	420	473	448	5.97	cps
Phosphorus	31-2	100	158	133	131	22.42	cps
Potassium	39-2	24646	23494	23027	23723	3.51	cps
Rhodium	103-1	6707192	6729788	6707009	6714663	0.20	cps
Rhodium	103-2	3073855	3075206	3079287	3076116	0.09	cps
Scandium	45-1	4000895	3995770	4000871	3999179	0.07	cps
Scandium	45-2	180399	180316	183399	181371	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	67	54	58	12.91	cps
Selenium	82-1	-118	-65	111	-24	-500.91	cps
Silicon	28-1	229506	229655	225605	228256	1.01	cps
Silver	109-1	50	58	58	56	8.67	cps
Silver	107-1	75	67	83	75	11.11	cps
Sodium	23-2	10596	10129	10329	10351	2.26	cps
Strontium	86-1	1742	1717	1634	1697	3.34	cps
Strontium	88-1	142	233	292	222	34.03	cps
Sulfur	34-1	245940	243901	246518	245453	0.56	cps
Terbium	159-1	10488012	10475025	10474621	10479219	0.07	cps
Terbium	159-2	4869936	4867175	4892110	4876407	0.28	cps
Thallium	203-1	350	283	308	314	10.73	cps
Thallium	205-1	650	667	667	661	1.46	cps
Tin	118-1	1242	1242	1167	1217	3.56	cps
Titanium	47-1	108	67	67	81	29.86	cps
Uranium	238-1	433	583	450	489	16.82	cps
Vanadium	51-2	17	7	20	14	48.02	cps
Yttrium	89-1	7559379	7497713	7527591	7528228	0.41	cps
Yttrium	89-2	1055957	1057764	1060046	1057922	0.19	cps
Zinc	66-2	140	80	103	108	28.06	cps
Zirconium	90-1	700	808	633	714	12.37	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:50:08	DataFile Name :	003CALB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	142	200	161	20.91	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1558	1317	1433	1436	8.42	cps
Antimony	121-1	17161	16936	16853	16983	0.94	cps
Arsenic	75-2	291	256	241	262	9.79	cps
Barium	135-1	20966	20708	21209	20961	1.19	cps
Barium	137-1	36098	37761	37210	37023	2.29	cps
Beryllium	9-1	1295	1200	1406	1300	7.92	cps
Bismuth	209-1	7074531	7022825	7083710	7060355	0.46	cps
Bismuth	209-2	4010716	3999629	4023497	4011281	0.30	cps
Boron	11-1	14299	14416	15208	14641	3.38	cps
Boron	10-1	3175	3009	3184	3123	3.16	cps
Cadmium	106-1	2625	2834	2542	2667	5.63	cps
Cadmium	108-1	142	146	104	131	17.58	cps
Cadmium	111-1	3593	3898	3632	3708	4.49	cps
Calcium	43-1	9837	10371	10287	10165	2.82	cps
Calcium	44-1	165188	167606	167783	166859	0.87	cps
Chromium	52-2	4874	5051	5041	4989	1.99	cps
Cobalt	59-2	3544	3567	3621	3577	1.10	cps
Copper	63-2	6428	6548	6795	6590	2.84	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	83	50	64	27.15	cps
Erbium	164-2	30	17	10	19	53.91	cps
Gadolinium	160-1	67	42	17	42	60.00	cps
Gadolinium	160-2	53	93	57	68	32.75	cps
Holmium	165-1	10511352	10462342	10432294	10468663	0.38	cps
Holmium	165-2	5147128	5130900	5162074	5146701	0.30	cps
Indium	115-1	7827826	7817795	7843318	7829646	0.16	cps
Indium	115-2	1474629	1474317	1470933	1473293	0.14	cps
Iron	56-2	91646	92735	91076	91819	0.92	cps
Iron	57-2	2456	2222	2167	2282	6.72	cps
Lead	206-1	9404	9971	9620	9665	2.96	cps
Lead	207-1	8425	8887	8225	8512	3.99	cps
Lead	208-1	38406	39418	38835	38886	1.31	cps
Lithium	6-1	1369357	1368641	1353525	1363841	0.66	cps
Magnesium	24-2	78673	77953	78723	78450	0.55	cps
Manganese	55-2	1333	1457	1487	1426	5.70	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	30567	29974	29732	30091	1.43	cps
Molybdenum	94-1	15801	16060	16393	16085	1.85	cps
Molybdenum	95-1	18905	19047	17987	18646	3.08	cps
Molybdenum	96-1	20624	20958	20699	20760	0.84	cps
Molybdenum	97-1	10955	11864	11438	11419	3.98	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1390	1383	1347	1373	1.70	cps
Phosphorus	31-2	83	125	192	133	40.98	cps
Potassium	39-2	99927	100304	98089	99440	1.19	cps
Rhodium	103-1	6862271	6915889	6837003	6871721	0.59	cps
Rhodium	103-2	3156237	3172076	3186005	3171439	0.47	cps
Scandium	45-1	4140173	4155668	4156920	4150921	0.22	cps
Scandium	45-2	186697	187648	186299	186881	0.37	cps
Selenium	77-2	27	27	13	22	34.66	cps
Selenium	78-2	146	130	161	146	10.81	cps
Selenium	82-1	539	724	714	659	15.82	cps
Silicon	28-1	266232	266859	267554	266881	0.25	cps
Silver	109-1	12740	12489	12172	12467	2.28	cps
Silver	107-1	12606	12556	12856	12673	1.27	cps
Sodium	23-2	157333	157696	156297	157109	0.46	cps
Strontium	86-1	4101	4359	4051	4170	3.97	cps
Strontium	88-1	22310	23570	21784	22555	4.07	cps
Sulfur	34-1	253489	251321	257160	253990	1.16	cps
Terbium	159-1	10797049	10873874	10799715	10823546	0.40	cps
Terbium	159-2	5049754	5027269	5064763	5047262	0.37	cps
Thallium	203-1	9537	8903	8862	9101	4.16	cps
Thallium	205-1	22436	22069	22136	22214	0.88	cps
Tin	118-1	34502	34176	34134	34271	0.59	cps
Titanium	47-1	4467	4968	4651	4695	5.39	cps
Uranium	238-1	29902	30537	29961	30133	1.16	cps
Vanadium	51-2	8579	8713	8623	8638	0.79	cps
Yttrium	89-1	7738230	7704530	7767336	7736699	0.41	cps
Yttrium	89-2	1091473	1093231	1106264	1096989	0.74	cps
Zinc	66-2	850	807	970	876	9.66	cps
Zirconium	90-1	13690	14274	13482	13816	2.97	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 12:57:42	DataFile Name :	005CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3117	2942	3267	3109	5.23	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:01:29 DataFile Name : 006CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70793	71756	70994	71181	0.71	cps
Antimony	121-1	456908	458927	464595	460143	0.87	cps
Arsenic	75-2	13506	13697	13623	13609	0.71	cps
Barium	135-1	586150	589826	586626	587534	0.34	cps
Barium	137-1	1020310	1030396	1021302	1024002	0.54	cps
Beryllium	9-1	63176	62077	62194	62483	0.97	cps
Bismuth	209-1	7086626	7096361	7094474	7092487	0.07	cps
Bismuth	209-2	4060905	4080542	4074685	4072044	0.25	cps
Boron	11-1	32043	33413	33571	33009	2.55	cps
Boron	10-1	6610	6652	6610	6624	0.36	cps
Cadmium	106-1	13724	13540	13682	13649	0.71	cps
Cadmium	108-1	7673	8090	7798	7854	2.72	cps
Cadmium	111-1	110783	109992	110595	110457	0.37	cps
Calcium	43-1	114784	113323	113786	113964	0.66	cps
Calcium	44-1	1849630	1856628	1846715	1850991	0.28	cps
Chromium	52-2	118562	118363	118334	118420	0.10	cps
Cobalt	59-2	192228	194274	191991	192831	0.65	cps
Copper	63-2	276059	276570	278206	276945	0.41	cps
Dysprosium	156-1	50	92	25	56	60.62	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	80	113	77	90	22.53	cps
Holmium	165-1	10535180	10578835	10640003	10584673	0.50	cps
Holmium	165-2	5170903	5207805	5234968	5204559	0.62	cps
Indium	115-1	7873710	7837246	7764954	7825303	0.71	cps
Indium	115-2	1479995	1467567	1472049	1473204	0.43	cps
Iron	56-2	4955129	4986891	4944230	4962083	0.45	cps
Iron	57-2	121554	122619	122556	122243	0.49	cps
Lead	206-1	400771	395610	396044	397475	0.72	cps
Lead	207-1	366103	364591	359158	363284	1.01	cps
Lead	208-1	1636219	1628623	1624377	1629740	0.37	cps
Lithium	6-1	1372293	1371028	1358751	1367357	0.55	cps
Magnesium	24-2	865072	871017	870552	868880	0.38	cps
Manganese	55-2	134534	134040	135346	134640	0.49	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:01:29	DataFile Name :	006CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	340028	341658	336540	339409	0.77	cps
Molybdenum	94-1	365094	371060	367854	368003	0.81	cps
Molybdenum	95-1	207665	212186	211205	210352	1.13	cps
Molybdenum	96-1	268654	267001	268057	267904	0.31	cps
Molybdenum	97-1	132392	132208	133426	132675	0.50	cps
Neodymium	150-1	40	40	73	51	37.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	51202	51898	51176	51426	0.80	cps
Phosphorus	31-2	3817	3801	3926	3848	1.76	cps
Potassium	39-2	443028	449061	445149	445746	0.69	cps
Rhodium	103-1	6912675	6857497	6808775	6859649	0.76	cps
Rhodium	103-2	3167294	3174688	3170556	3170846	0.12	cps
Scandium	45-1	4148765	4157060	4131354	4145726	0.32	cps
Scandium	45-2	188046	188644	189377	188689	0.35	cps
Selenium	77-2	257	280	230	256	9.79	cps
Selenium	78-2	1013	941	976	977	3.70	cps
Selenium	82-1	6490	6440	6399	6443	0.70	cps
Silicon	28-1	451488	449595	449686	450256	0.24	cps
Silver	109-1	513136	514134	517085	514785	0.40	cps
Silver	107-1	530691	531312	535372	532458	0.48	cps
Sodium	23-2	1612674	1630191	1614735	1619200	0.59	cps
Strontium	86-1	140810	140808	139404	140341	0.58	cps
Strontium	88-1	1219192	1215819	1215818	1216943	0.16	cps
Sulfur	34-1	282584	282209	280067	281620	0.48	cps
Terbium	159-1	10914635	10809311	10846296	10856747	0.49	cps
Terbium	159-2	5090775	5095384	5127165	5104441	0.39	cps
Thallium	203-1	482963	488379	488186	486509	0.63	cps
Thallium	205-1	1181546	1165950	1173568	1173688	0.66	cps
Tin	118-1	375491	375276	373263	374676	0.33	cps
Titanium	47-1	53498	53665	53105	53423	0.54	cps
Uranium	238-1	1642730	1642450	1637938	1641039	0.16	cps
Vanadium	51-2	96805	96858	96744	96802	0.06	cps
Yttrium	89-1	7826919	7763819	7740991	7777243	0.57	cps
Yttrium	89-2	1106060	1100358	1101571	1102663	0.27	cps
Zinc	66-2	38093	38297	37772	38054	0.70	cps
Zirconium	90-1	683757	676777	679833	680122	0.51	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:01:29	DataFile Name :	006CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	151181	150037	150954	150724	0.40	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:05:16 DataFile Name : 007CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176967	181228	179525	179240	1.20	cps
Antimony	121-1	1144960	1157146	1154180	1152095	0.55	cps
Arsenic	75-2	33516	33665	34186	33789	1.04	cps
Barium	135-1	1462215	1464336	1455205	1460585	0.33	cps
Barium	137-1	2563230	2572175	2579970	2571792	0.33	cps
Beryllium	9-1	155958	157748	154933	156213	0.91	cps
Bismuth	209-1	6981761	6982395	7019558	6994571	0.31	cps
Bismuth	209-2	3995550	4047655	4043507	4028904	0.72	cps
Boron	11-1	80556	81402	82734	81564	1.35	cps
Boron	10-1	16326	16835	16660	16607	1.56	cps
Cadmium	106-1	29966	30718	31369	30684	2.29	cps
Cadmium	108-1	19359	19226	19297	19294	0.35	cps
Cadmium	111-1	270427	272114	271554	271365	0.32	cps
Calcium	43-1	281310	283485	286303	283699	0.88	cps
Calcium	44-1	4631078	4663187	4650392	4648219	0.35	cps
Chromium	52-2	290817	292147	293449	292138	0.45	cps
Cobalt	59-2	477004	476486	478864	477451	0.26	cps
Copper	63-2	684100	684363	690821	686428	0.55	cps
Dysprosium	156-1	33	50	83	56	45.83	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	13	3	33	17	91.67	cps
Gadolinium	160-1	67	100	92	86	20.14	cps
Gadolinium	160-2	70	93	70	78	17.32	cps
Holmium	165-1	10558901	10521965	10403044	10494637	0.78	cps
Holmium	165-2	5166117	5222247	5254018	5214128	0.85	cps
Indium	115-1	7786367	7786849	7789121	7787446	0.02	cps
Indium	115-2	1450154	1481696	1480530	1470793	1.22	cps
Iron	56-2	12077132	12052916	12163410	12097819	0.48	cps
Iron	57-2	299460	302311	301738	301170	0.50	cps
Lead	206-1	989787	992844	1001067	994566	0.59	cps
Lead	207-1	895751	896175	906199	899375	0.66	cps
Lead	208-1	4025446	4039174	4063093	4042571	0.47	cps
Lithium	6-1	1365189	1371969	1360174	1365777	0.43	cps
Magnesium	24-2	2150906	2166932	2161100	2159646	0.38	cps
Manganese	55-2	332564	334344	336015	334308	0.52	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:05:16	DataFile Name :	007CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	849950	846374	850894	849073	0.28	cps
Molybdenum	94-1	916255	923936	926844	922345	0.59	cps
Molybdenum	95-1	520558	527598	525503	524553	0.69	cps
Molybdenum	96-1	666065	669002	666714	667260	0.23	cps
Molybdenum	97-1	325316	328476	329618	327803	0.68	cps
Neodymium	150-1	133	113	127	124	8.18	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	125145	127478	126255	126293	0.92	cps
Phosphorus	31-2	9028	9578	9887	9498	4.58	cps
Potassium	39-2	1070054	1075021	1070125	1071733	0.27	cps
Rhodium	103-1	6787672	6731441	6737540	6752217	0.46	cps
Rhodium	103-2	3122767	3165931	3170720	3153139	0.84	cps
Scandium	45-1	4141608	4139767	4112904	4131427	0.39	cps
Scandium	45-2	188256	188806	189697	188919	0.38	cps
Selenium	77-2	767	700	677	714	6.54	cps
Selenium	78-2	2354	2450	2419	2408	2.04	cps
Selenium	82-1	15904	15648	15767	15773	0.81	cps
Silicon	28-1	783585	796065	789261	789637	0.79	cps
Silver	109-1	1273632	1275753	1273345	1274243	0.10	cps
Silver	107-1	1322643	1325268	1325698	1324537	0.12	cps
Sodium	23-2	4047229	4082930	4081286	4070482	0.50	cps
Strontium	86-1	345969	343375	346551	345299	0.49	cps
Strontium	88-1	3054252	3053204	3052764	3053407	0.03	cps
Sulfur	34-1	316283	315852	312377	314837	0.68	cps
Terbium	159-1	10867432	10689304	10919910	10825549	1.12	cps
Terbium	159-2	5070123	5130836	5123804	5108254	0.65	cps
Thallium	203-1	1206319	1209533	1206187	1207346	0.16	cps
Thallium	205-1	2936859	2928892	2941332	2935694	0.21	cps
Tin	118-1	925496	937211	928064	930257	0.66	cps
Titanium	47-1	133255	133542	130254	132350	1.38	cps
Uranium	238-1	4126549	4143169	4132968	4134229	0.20	cps
Vanadium	51-2	239118	242225	241801	241048	0.70	cps
Yttrium	89-1	7661627	7751248	7709199	7707358	0.58	cps
Yttrium	89-2	1096070	1106106	1113147	1105108	0.78	cps
Zinc	66-2	93564	94637	95010	94404	0.80	cps
Zirconium	90-1	1700951	1709659	1713556	1708055	0.38	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:05:16	DataFile Name :	007CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	378246	373984	380428	377553	0.87	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356332	362164	363686	360727	1.08	cps
Antimony	121-1	2327879	2330798	2334109	2330929	0.13	cps
Arsenic	75-2	68093	67667	68425	68062	0.56	cps
Barium	135-1	2961930	2972871	2941898	2958900	0.53	cps
Barium	137-1	5172551	5239190	5175015	5195585	0.73	cps
Beryllium	9-1	312914	313136	310463	312171	0.48	cps
Bismuth	209-1	7051680	7060933	6979553	7030722	0.63	cps
Bismuth	209-2	3991280	4017331	4131970	4046860	1.85	cps
Boron	11-1	161663	163036	167148	163949	1.74	cps
Boron	10-1	33588	34131	33688	33803	0.85	cps
Cadmium	106-1	58789	57367	58664	58273	1.35	cps
Cadmium	108-1	38657	39146	38156	38653	1.28	cps
Cadmium	111-1	538101	536040	537725	537289	0.20	cps
Calcium	43-1	570886	568152	568961	569333	0.25	cps
Calcium	44-1	9162364	9171376	9225586	9186442	0.37	cps
Chromium	52-2	582976	586333	585084	584798	0.29	cps
Cobalt	59-2	952949	959207	954932	955696	0.33	cps
Copper	63-2	1360739	1376739	1374035	1370504	0.62	cps
Dysprosium	156-1	33	83	58	58	42.86	cps
Dysprosium	156-2	30	10	17	19	53.91	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	13	23	30	22	37.76	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	43	77	90	70	34.34	cps
Holmium	165-1	10652325	10619626	10425428	10565793	1.16	cps
Holmium	165-2	5197460	5267578	5357110	5274049	1.52	cps
Indium	115-1	7789233	7852162	7705572	7782322	0.94	cps
Indium	115-2	1456940	1474487	1504830	1478752	1.64	cps
Iron	56-2	24203326	24213431	24325449	24247402	0.28	cps
Iron	57-2	599964	606525	604830	603773	0.56	cps
Lead	206-1	1962814	1976119	1971152	1970029	0.34	cps
Lead	207-1	1801809	1803137	1799063	1801336	0.12	cps
Lead	208-1	8123304	8123265	8120926	8122499	0.02	cps
Lithium	6-1	1384753	1385429	1376298	1382160	0.37	cps
Magnesium	24-2	4343068	4367583	4391161	4367271	0.55	cps
Manganese	55-2	671144	670711	673180	671678	0.20	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1707747	1717764	1711827	1712446	0.29	cps
Molybdenum	94-1	1874448	1873408	1867625	1871827	0.20	cps
Molybdenum	95-1	1059914	1056486	1054203	1056868	0.27	cps
Molybdenum	96-1	1344311	1348095	1346403	1346270	0.14	cps
Molybdenum	97-1	657812	662674	658448	659645	0.40	cps
Neodymium	150-1	233	187	247	222	14.18	cps
Neodymium	150-2	10	17	33	20	60.08	cps
Nickel	60-2	248493	249194	251221	249636	0.57	cps
Phosphorus	31-2	18787	18662	18479	18643	0.83	cps
Potassium	39-2	2155191	2154884	2162361	2157479	0.20	cps
Rhodium	103-1	6784566	6821746	6753607	6786640	0.50	cps
Rhodium	103-2	3128647	3150798	3200187	3159877	1.16	cps
Scandium	45-1	4198425	4203697	4180296	4194139	0.29	cps
Scandium	45-2	186548	188557	195417	190174	2.45	cps
Selenium	77-2	1353	1373	1423	1383	2.61	cps
Selenium	78-2	4780	4767	4814	4787	0.50	cps
Selenium	82-1	31308	31097	31595	31333	0.80	cps
Silicon	28-1	1363672	1356902	1367039	1362538	0.38	cps
Silver	109-1	2559594	2539300	2541812	2546902	0.43	cps
Silver	107-1	2625115	2648962	2640661	2638246	0.46	cps
Sodium	23-2	7997677	7977518	8066107	8013767	0.58	cps
Strontium	86-1	695391	695387	691243	694007	0.34	cps
Strontium	88-1	6083634	6088233	6036875	6069580	0.47	cps
Sulfur	34-1	391059	390406	386620	389362	0.62	cps
Terbium	159-1	11001032	11058387	10896376	10985265	0.75	cps
Terbium	159-2	5098728	5151451	5260059	5170079	1.59	cps
Thallium	203-1	2415433	2420663	2416876	2417657	0.11	cps
Thallium	205-1	5893443	5928108	5899071	5906874	0.31	cps
Tin	118-1	1859658	1873157	1875589	1869468	0.46	cps
Titanium	47-1	264336	269674	268678	267563	1.06	cps
Uranium	238-1	8275413	8269648	8244373	8263144	0.20	cps
Vanadium	51-2	482412	485806	487252	485157	0.51	cps
Yttrium	89-1	7842522	7907011	7748286	7832606	1.02	cps
Yttrium	89-2	1108136	1118466	1137659	1121420	1.34	cps
Zinc	66-2	189512	190335	188857	189568	0.39	cps
Zirconium	90-1	3485645	3490137	3477712	3484498	0.18	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:08:59	DataFile Name :	008CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	770845	770747	762285	767959	0.64	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	736696	732526	735213	734811	0.29	cps
Antimony	121-1	4807767	4847152	4889321	4848080	0.84	cps
Arsenic	75-2	140624	139433	140698	140252	0.51	cps
Barium	135-1	6134482	6103635	6163678	6133931	0.49	cps
Barium	137-1	10533310	10544702	10499636	10525883	0.22	cps
Beryllium	9-1	634806	631485	632794	633028	0.26	cps
Bismuth	209-1	7156720	7145429	6926602	7076250	1.83	cps
Bismuth	209-2	4137108	4245313	4151341	4177920	1.41	cps
Boron	11-1	328522	335147	339329	334333	1.63	cps
Boron	10-1	68045	69820	70933	69599	2.09	cps
Cadmium	106-1	116863	117450	116594	116969	0.37	cps
Cadmium	108-1	77351	77418	79643	78137	1.67	cps
Cadmium	111-1	1094863	1089908	1100262	1095011	0.47	cps
Calcium	43-1	1177306	1167311	1166898	1170505	0.50	cps
Calcium	44-1	18910014	18895958	18870801	18892258	0.11	cps
Chromium	52-2	1202456	1199474	1200763	1200898	0.12	cps
Cobalt	59-2	1950146	1953695	1952197	1952012	0.09	cps
Copper	63-2	2782639	2775891	2795466	2784665	0.36	cps
Dysprosium	156-1	108	67	142	106	35.60	cps
Dysprosium	156-2	30	40	40	37	15.75	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	17	13	0	10	88.20	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	73	90	110	91	20.15	cps
Holmium	165-1	10850725	10853847	10268201	10657591	3.16	cps
Holmium	165-2	5458974	5566283	5443881	5489712	1.22	cps
Indium	115-1	7871815	7940417	7585919	7799384	2.41	cps
Indium	115-2	1519401	1536513	1505728	1520548	1.01	cps
Iron	56-2	49681047	49438769	49439898	49519905	0.28	cps
Iron	57-2	1240402	1231797	1239924	1237374	0.39	cps
Lead	206-1	4078335	4064640	4074072	4072349	0.17	cps
Lead	207-1	3700840	3712172	3697565	3703526	0.21	cps
Lead	208-1	16512105	16596106	16519657	16542622	0.28	cps
Lithium	6-1	1401620	1398676	1356376	1385557	1.83	cps
Magnesium	24-2	8806287	8762405	8828840	8799177	0.38	cps
Manganese	55-2	1378378	1370405	1370184	1372989	0.34	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3540105	3536188	3559471	3545255	0.35	cps
Molybdenum	94-1	3945172	3929243	3935551	3936655	0.20	cps
Molybdenum	95-1	2180373	2192196	2198205	2190258	0.41	cps
Molybdenum	96-1	2800549	2800318	2803139	2801335	0.06	cps
Molybdenum	97-1	1351486	1357474	1359287	1356082	0.30	cps
Neodymium	150-1	360	413	353	376	8.76	cps
Neodymium	150-2	47	40	43	43	7.70	cps
Nickel	60-2	510433	506618	510239	509096	0.42	cps
Phosphorus	31-2	39494	38384	39604	39161	1.72	cps
Potassium	39-2	4452403	4437449	4434546	4441466	0.22	cps
Rhodium	103-1	6901760	6839103	6618705	6786522	2.19	cps
Rhodium	103-2	3218310	3283205	3235681	3245732	1.04	cps
Scandium	45-1	4282906	4269459	4086804	4213056	2.60	cps
Scandium	45-2	201248	203964	201084	202099	0.80	cps
Selenium	77-2	3094	2994	2807	2965	4.91	cps
Selenium	78-2	9620	9383	9827	9610	2.32	cps
Selenium	82-1	64729	64805	64813	64783	0.07	cps
Silicon	28-1	2560803	2569422	2577733	2569319	0.33	cps
Silver	109-1	5186748	5171118	5275141	5211002	1.08	cps
Silver	107-1	5373195	5410566	5439063	5407608	0.61	cps
Sodium	23-2	16446474	16398526	16573319	16472773	0.55	cps
Strontium	86-1	1424781	1431387	1438432	1431533	0.48	cps
Strontium	88-1	12517908	12560903	12689780	12589530	0.71	cps
Sulfur	34-1	554886	552981	553643	553837	0.17	cps
Terbium	159-1	11335074	11213591	10656906	11068524	3.27	cps
Terbium	159-2	5340714	5456195	5312730	5369880	1.42	cps
Thallium	203-1	5005646	4998133	4990491	4998090	0.15	cps
Thallium	205-1	11874990	11820350	11909586	11868308	0.38	cps
Tin	118-1	3843104	3862310	3867655	3857690	0.33	cps
Titanium	47-1	545436	546178	553330	548315	0.79	cps
Uranium	238-1	16894214	17019505	17012220	16975313	0.41	cps
Vanadium	51-2	998708	997635	1004150	1000164	0.35	cps
Yttrium	89-1	8030258	8059165	7734787	7941404	2.26	cps
Yttrium	89-2	1159984	1176130	1163961	1166691	0.72	cps
Zinc	66-2	386278	383724	388954	386319	0.68	cps
Zirconium	90-1	7309253	7338153	7348322	7331910	0.28	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:12:39	DataFile Name :	009CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1607014	1610048	1610447	1609170	0.12	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:16:15 DataFile Name : 010CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1439623	1447567	1449232	1445474	0.36	cps
Antimony	121-1	9267778	9329315	9265892	9287662	0.39	cps
Arsenic	75-2	271454	273408	274744	273202	0.61	cps
Barium	135-1	11852996	11712347	11747046	11770796	0.62	cps
Barium	137-1	20205082	20285005	20328006	20272698	0.31	cps
Beryllium	9-1	1204335	1204304	1207279	1205306	0.14	cps
Bismuth	209-1	6925955	6842333	6940501	6902930	0.77	cps
Bismuth	209-2	3935578	3952957	3858737	3915757	1.28	cps
Boron	11-1	649001	661343	668948	659764	1.53	cps
Boron	10-1	135762	138359	139455	137859	1.38	cps
Cadmium	106-1	220542	221453	223467	221821	0.67	cps
Cadmium	108-1	147436	149444	145765	147549	1.25	cps
Cadmium	111-1	2069125	2068321	2082826	2073424	0.39	cps
Calcium	43-1	2282169	2289029	2317510	2296236	0.82	cps
Calcium	44-1	36866579	37023166	36929161	36939636	0.21	cps
Chromium	52-2	2335730	2352873	2365202	2351268	0.63	cps
Cobalt	59-2	3784495	3809454	3825547	3806499	0.54	cps
Copper	63-2	5339959	5379985	5430572	5383505	0.84	cps
Dysprosium	156-1	183	208	283	225	23.13	cps
Dysprosium	156-2	100	73	117	97	22.62	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	58	92	117	89	32.92	cps
Gadolinium	160-2	90	87	93	90	3.71	cps
Holmium	165-1	10442284	10448925	10664596	10518602	1.20	cps
Holmium	165-2	5301287	5311746	5234243	5282426	0.80	cps
Indium	115-1	7603867	7463739	7605105	7557570	1.08	cps
Indium	115-2	1452870	1451172	1427567	1443870	0.98	cps
Iron	56-2	96495841	96783138	97337977	96872319	0.44	cps
Iron	57-2	2409115	2422428	2445109	2425551	0.75	cps
Lead	206-1	7632580	7711059	7682985	7675541	0.52	cps
Lead	207-1	6976741	6952395	7025820	6984986	0.54	cps
Lead	208-1	31372664	31276219	31378668	31342517	0.18	cps
Lithium	6-1	1339152	1333553	1346083	1339596	0.47	cps
Magnesium	24-2	17007804	17045443	17110943	17054730	0.31	cps
Manganese	55-2	2689767	2711285	2718155	2706402	0.55	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:16:15	DataFile Name :	010CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6885183	6870376	6791916	6849158	0.73	cps
Molybdenum	94-1	7649347	7619889	7629797	7633011	0.20	cps
Molybdenum	95-1	4277704	4267827	4306094	4283875	0.46	cps
Molybdenum	96-1	5465138	5489500	5500626	5485088	0.33	cps
Molybdenum	97-1	2652565	2668692	2675324	2665527	0.44	cps
Neodymium	150-1	913	773	793	827	9.16	cps
Neodymium	150-2	63	67	60	63	5.27	cps
Nickel	60-2	972389	980735	985466	979530	0.68	cps
Phosphorus	31-2	75725	75994	77384	76368	1.17	cps
Potassium	39-2	8567718	8557424	8568093	8564412	0.07	cps
Rhodium	103-1	6621067	6519712	6574089	6571623	0.77	cps
Rhodium	103-2	3093207	3103204	3054032	3083481	0.84	cps
Scandium	45-1	4214803	4156142	4225187	4198711	0.89	cps
Scandium	45-2	200419	198149	194329	197632	1.56	cps
Selenium	77-2	5251	5921	5438	5537	6.25	cps
Selenium	78-2	18223	18519	18697	18480	1.30	cps
Selenium	82-1	121854	122467	122317	122213	0.26	cps
Silicon	28-1	4550947	4573060	3991108	4371705	7.54	cps
Silver	109-1	9952833	10027507	10072668	10017670	0.60	cps
Silver	107-1	10355078	10452433	10299904	10369138	0.74	cps
Sodium	23-2	32200060	32223236	32286946	32236747	0.14	cps
Strontium	86-1	2774342	2782319	2779644	2778768	0.15	cps
Strontium	88-1	24357439	24204095	24156883	24239472	0.43	cps
Sulfur	34-1	866572	869891	857599	864687	0.74	cps
Terbium	159-1	10910869	10740595	10931328	10860930	0.96	cps
Terbium	159-2	5182887	5188826	5084670	5152127	1.14	cps
Thallium	203-1	9489564	9592764	9579014	9553781	0.59	cps
Thallium	205-1	22584026	22778124	22718507	22693552	0.44	cps
Tin	118-1	7439818	7378464	7377154	7398479	0.48	cps
Titanium	47-1	1068729	1075309	1064009	1069349	0.53	cps
Uranium	238-1	32426500	32777557	32744006	32649354	0.59	cps
Vanadium	51-2	1964414	1983791	1995518	1981241	0.79	cps
Yttrium	89-1	7874793	7706636	7876157	7819195	1.25	cps
Yttrium	89-2	1133844	1142311	1125223	1133793	0.75	cps
Zinc	66-2	724602	730494	731679	728925	0.52	cps
Zirconium	90-1	14252163	14299679	14347028	14299624	0.33	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:16:15	DataFile Name :	010CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3147622	3144838	3153322	3148594	0.14	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CALC_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7777603	7884241	7906273	7856039	0.88	cps
Antimony	121-1	34987	33215	33031	33744	3.20	cps
Arsenic	75-2	231	209	237	226	6.51	cps
Barium	135-1	6810	6260	6202	6424	5.23	cps
Barium	137-1	11764	11197	10104	11021	7.65	cps
Beryllium	9-1	1217	1100	1095	1137	6.07	cps
Bismuth	209-1	6268045	6223453	6290612	6260703	0.55	cps
Bismuth	209-2	3494355	3533687	3532002	3520015	0.63	cps
Boron	11-1	42670	38617	37180	39489	7.21	cps
Boron	10-1	9036	8186	7569	8264	8.92	cps
Cadmium	106-1	2442	2650	2417	2503	5.12	cps
Cadmium	108-1	67	83	58	69	18.33	cps
Cadmium	111-1	2363	2497	2276	2379	4.68	cps
Calcium	43-1	12001340	12288276	12295060	12194892	1.37	cps
Calcium	44-1	194556100	196797225	198076600	196476642	0.91	cps
Chromium	52-2	58670	59138	59282	59030	0.54	cps
Cobalt	59-2	6855	6605	6675	6712	1.92	cps
Copper	63-2	12679	12425	12486	12530	1.06	cps
Dysprosium	156-1	200	217	200	206	4.68	cps
Dysprosium	156-2	73	67	77	72	7.05	cps
Erbium	164-1	92	83	108	94	13.48	cps
Erbium	164-2	33	43	30	36	19.51	cps
Gadolinium	160-1	175	192	208	192	8.69	cps
Gadolinium	160-2	117	133	97	116	15.89	cps
Holmium	165-1	10178541	10167686	10258716	10201648	0.49	cps
Holmium	165-2	5049956	5080430	5132027	5087471	0.82	cps
Indium	115-1	7433200	7371657	7369447	7391435	0.49	cps
Indium	115-2	1421495	1441272	1444080	1435615	0.86	cps
Iron	56-2	498379856	498461867	503502000	500114574	0.59	cps
Iron	57-2	12359718	12499309	12555582	12471536	0.81	cps
Lead	206-1	16605	16622	16527	16585	0.30	cps
Lead	207-1	14308	14831	14458	14532	1.85	cps
Lead	208-1	65631	66288	66077	65999	0.51	cps
Lithium	6-1	1338989	1339636	1345450	1341358	0.27	cps
Magnesium	24-2	90374277	91388854	92571460	91444864	1.20	cps
Manganese	55-2	11425	11788	11888	11700	2.09	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CAL5_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	32329	30943	33482	32251	3.94	cps
Molybdenum	94-1	13599	14291	13749	13880	2.62	cps
Molybdenum	95-1	19790	19239	19606	19545	1.43	cps
Molybdenum	96-1	27853	27845	27243	27647	1.26	cps
Molybdenum	97-1	12331	12706	12172	12403	2.21	cps
Neodymium	150-1	93	140	147	127	22.94	cps
Neodymium	150-2	43	43	60	49	19.69	cps
Nickel	60-2	15165	15502	15512	15393	1.28	cps
Phosphorus	31-2	167	150	242	186	26.24	cps
Potassium	39-2	45496629	46415607	46882454	46264897	1.52	cps
Rhodium	103-1	6203164	6186517	6204133	6197938	0.16	cps
Rhodium	103-2	2850964	2875393	2891016	2872458	0.70	cps
Scandium	45-1	4319458	4298528	4355857	4324614	0.67	cps
Scandium	45-2	202531	204601	207213	204782	1.15	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	57	87	85	77	21.68	cps
Selenium	82-1	216	312	271	266	18.10	cps
Silicon	28-1	308105	310208	312206	310173	0.66	cps
Silver	109-1	2600	2234	2159	2331	10.14	cps
Silver	107-1	2542	2367	2025	2311	11.37	cps
Sodium	23-2	171071354	172543116	173993133	172535868	0.85	cps
Strontium	86-1	98722	97530	97270	97840	0.79	cps
Strontium	88-1	838164	840015	839549	839243	0.11	cps
Sulfur	34-1	247429	241514	249284	246076	1.65	cps
Terbium	159-1	10476103	10581226	10397646	10484992	0.88	cps
Terbium	159-2	4924250	5004361	5017941	4982184	1.02	cps
Thallium	203-1	5551	5710	5385	5549	2.93	cps
Thallium	205-1	13824	13307	13032	13388	3.01	cps
Tin	118-1	12489	11705	11497	11897	4.40	cps
Titanium	47-1	2150	1884	1675	1903	12.51	cps
Uranium	238-1	10029	9654	8845	9509	6.36	cps
Vanadium	51-2	1070	1047	1047	1055	1.28	cps
Yttrium	89-1	7722892	7689431	7775539	7729287	0.56	cps
Yttrium	89-2	1117150	1132308	1136768	1128742	0.91	cps
Zinc	66-2	6251	6365	6675	6430	3.41	cps
Zirconium	90-1	5960	6135	5535	5876	5.25	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:19:46	DataFile Name :	011CALS_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1350	1267	1358	1325	3.83	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39344	39245	38634	39075	0.98	cps
Antimony	121-1	1862381	1866069	1861746	1863399	0.13	cps
Arsenic	75-2	56602	57714	57537	57284	1.04	cps
Barium	135-1	240445	238096	240480	239674	0.57	cps
Barium	137-1	419611	417994	416835	418147	0.33	cps
Beryllium	9-1	131861	131021	131683	131522	0.34	cps
Bismuth	209-1	7223669	7397824	7445699	7355731	1.59	cps
Bismuth	209-2	4155695	3965820	4207981	4109832	3.10	cps
Boron	11-1	389997	387980	391194	389724	0.42	cps
Boron	10-1	80799	81561	81838	81400	0.66	cps
Cadmium	106-1	22043	22018	22010	22023	0.08	cps
Cadmium	108-1	15229	15012	14403	14882	2.88	cps
Cadmium	111-1	220542	220832	222501	221292	0.48	cps
Calcium	43-1	49986	48924	48814	49241	1.31	cps
Calcium	44-1	815445	817030	811650	814708	0.34	cps
Chromium	52-2	244842	245947	244938	245242	0.25	cps
Cobalt	59-2	410105	412354	412720	411726	0.34	cps
Copper	63-2	294774	297488	296758	296340	0.47	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	125	83	89	37.89	cps
Erbium	164-2	57	30	27	38	43.52	cps
Gadolinium	160-1	92	33	42	56	56.79	cps
Gadolinium	160-2	77	63	103	81	25.12	cps
Holmium	165-1	10858445	10888841	11010560	10919282	0.74	cps
Holmium	165-2	5379548	5148690	5380517	5302919	2.52	cps
Indium	115-1	8192753	8298761	8396243	8295919	1.23	cps
Indium	115-2	1549950	1479857	1561331	1530379	2.88	cps
Iron	56-2	2118116	2120203	2114252	2117524	0.14	cps
Iron	57-2	52739	54127	52299	53055	1.80	cps
Lead	206-1	1598591	1608097	1601889	1602859	0.30	cps
Lead	207-1	1404638	1402120	1403894	1403551	0.09	cps
Lead	208-1	6453499	6449730	6449822	6451017	0.03	cps
Lithium	6-1	1475124	1492795	1490900	1486273	0.65	cps
Magnesium	24-2	220486	227983	223501	223990	1.68	cps
Manganese	55-2	142630	144686	143761	143692	0.72	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3466057	3469354	3470482	3468631	0.07	cps
Molybdenum	94-1	1229094	1225289	1222971	1225785	0.25	cps
Molybdenum	95-1	2147194	2135603	2131190	2137996	0.39	cps
Molybdenum	96-1	2299465	2282590	2287235	2289763	0.38	cps
Molybdenum	97-1	1337099	1336325	1328705	1334043	0.35	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	108964	109569	108944	109159	0.33	cps
Phosphorus	31-2	175	158	150	161	7.90	cps
Potassium	39-2	397872	395995	395914	396594	0.28	cps
Rhodium	103-1	7390243	7452071	7486499	7442937	0.66	cps
Rhodium	103-2	3366572	3244438	3392847	3334619	2.37	cps
Scandium	45-1	4632431	4741124	4732619	4702058	1.29	cps
Scandium	45-2	208844	197629	209989	205487	3.32	cps
Selenium	77-2	1087	1353	1273	1238	11.06	cps
Selenium	78-2	3975	4041	4056	4024	1.08	cps
Selenium	82-1	26157	26533	26470	26387	0.76	cps
Silicon	28-1	2555286	2550328	2557582	2554399	0.15	cps
Silver	109-1	1054518	1057196	1052717	1054810	0.21	cps
Silver	107-1	1097791	1093735	1090681	1094069	0.33	cps
Sodium	23-2	713155	717158	710660	713658	0.46	cps
Strontium	86-1	8878	8194	8420	8497	4.10	cps
Strontium	88-1	59089	58379	58445	58638	0.67	cps
Sulfur	34-1	256657	260463	253827	256982	1.30	cps
Terbium	159-1	11047991	11330465	11455981	11278146	1.85	cps
Terbium	159-2	5303372	5067896	5296109	5222459	2.56	cps
Thallium	203-1	1983027	1974397	1993671	1983699	0.49	cps
Thallium	205-1	4836026	4840877	4857471	4844791	0.23	cps
Tin	118-1	3775203	3768557	3789069	3777610	0.28	cps
Titanium	47-1	553291	552279	555778	553783	0.33	cps
Uranium	238-1	600	625	433	553	18.85	cps
Vanadium	51-2	204931	206057	206196	205728	0.34	cps
Yttrium	89-1	8319242	8477472	8498824	8431846	1.16	cps
Yttrium	89-2	1191447	1142534	1202339	1178773	2.70	cps
Zinc	66-2	80819	81512	80202	80844	0.81	cps
Zirconium	90-1	27076	20774	18580	22143	19.92	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:23:27	DataFile Name :	012ICV01_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5493	4626	4309	4809	12.74	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:26:55 DataFile Name : 013CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	83	56	43.30	cps
Antimony	121-1	8269	8128	8136	8178	0.97	cps
Arsenic	75-2	43	59	44	49	18.74	cps
Barium	135-1	133	200	100	144	35.25	cps
Barium	137-1	133	175	175	161	14.93	cps
Beryllium	9-1	500	478	517	498	3.92	cps
Bismuth	209-1	7285706	7193463	7274743	7251304	0.69	cps
Bismuth	209-2	4101754	4153302	4165762	4140273	0.82	cps
Boron	11-1	16418	16334	16201	16318	0.67	cps
Boron	10-1	3459	3517	3351	3442	2.46	cps
Cadmium	106-1	2792	2392	2584	2589	7.73	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Cadmium	111-1	2047	1710	1862	1873	9.00	cps
Calcium	43-1	233	300	383	306	24.60	cps
Calcium	44-1	7727	7544	7286	7519	2.95	cps
Chromium	52-2	553	587	607	582	4.63	cps
Cobalt	59-2	203	190	203	199	3.87	cps
Copper	63-2	1213	1290	1297	1267	3.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	92	25	33	50	72.65	cps
Gadolinium	160-2	53	73	43	57	26.96	cps
Holmium	165-1	10799878	10759470	10834611	10797986	0.35	cps
Holmium	165-2	5296197	5308178	5340260	5314878	0.43	cps
Indium	115-1	8337125	8292646	8250637	8293469	0.52	cps
Indium	115-2	1549699	1563680	1564277	1559219	0.53	cps
Iron	56-2	12622	12489	12055	12389	2.39	cps
Iron	57-2	400	339	417	385	10.63	cps
Lead	206-1	2067	1839	1834	1913	6.96	cps
Lead	207-1	2000	1789	1767	1852	6.95	cps
Lead	208-1	8379	8040	7757	8059	3.87	cps
Lithium	6-1	1444170	1440125	1439324	1441206	0.18	cps
Magnesium	24-2	1709	1700	1475	1628	8.13	cps
Manganese	55-2	137	153	117	136	13.54	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:26:55	DataFile Name :	013CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2909	2475	2775	2720	8.16	cps
Molybdenum	94-1	1092	983	1158	1078	8.20	cps
Molybdenum	95-1	1909	1583	1542	1678	11.97	cps
Molybdenum	96-1	1867	1775	1800	1814	2.61	cps
Molybdenum	97-1	1175	942	1000	1039	11.69	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380	343	327	350	7.80	cps
Phosphorus	31-2	167	208	142	172	19.56	cps
Potassium	39-2	26867	26792	27810	27156	2.09	cps
Rhodium	103-1	7375079	7321653	7343365	7346699	0.37	cps
Rhodium	103-2	3323116	3353432	3370530	3349026	0.72	cps
Scandium	45-1	4542719	4572742	4563779	4559747	0.34	cps
Scandium	45-2	204717	206106	207997	206273	0.80	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	61	54	57	57	6.45	cps
Selenium	82-1	94	189	95	126	43.10	cps
Silicon	28-1	258237	261136	261111	260161	0.64	cps
Silver	109-1	358	283	325	322	11.66	cps
Silver	107-1	442	417	417	425	3.40	cps
Sodium	23-2	19905	19597	19155	19552	1.93	cps
Strontium	86-1	1834	1709	1825	1789	3.91	cps
Strontium	88-1	350	358	292	333	10.90	cps
Sulfur	34-1	250493	251448	249616	250519	0.37	cps
Terbium	159-1	11209114	11101703	11083543	11131453	0.61	cps
Terbium	159-2	5163137	5249501	5246936	5219858	0.94	cps
Thallium	203-1	1267	1150	1333	1250	7.42	cps
Thallium	205-1	3159	3201	2542	2967	12.43	cps
Tin	118-1	6052	5943	5401	5799	6.01	cps
Titanium	47-1	250	142	258	217	30.04	cps
Uranium	238-1	350	383	308	347	10.82	cps
Vanadium	51-2	37	30	23	30	22.23	cps
Yttrium	89-1	8307499	8336467	8268376	8304114	0.41	cps
Yttrium	89-2	1168219	1180316	1178183	1175573	0.55	cps
Zinc	66-2	173	200	247	207	17.96	cps
Zirconium	90-1	575	650	633	619	6.36	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:26:55	DataFile Name :	013CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	175	150	183	20.83	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:30:24 DataFile Name : 014ICSAB01_P7070517f

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7295138	7359463	7329616	7328072	0.44	cps
Antimony	121-1	14091	14450	15392	14644	4.59	cps
Arsenic	75-2	119	141	130	130	8.57	cps
Barium	135-1	4076	3801	3642	3840	5.71	cps
Barium	137-1	6502	6535	6694	6577	1.56	cps
Beryllium	9-1	589	683	689	654	8.60	cps
Bismuth	209-1	6879119	6957884	6800556	6879187	1.14	cps
Bismuth	209-2	3879585	3912488	3925714	3905929	0.61	cps
Boron	11-1	12005	12697	11730	12144	4.10	cps
Boron	10-1	2542	2450	2250	2414	6.18	cps
Cadmium	106-1	2559	2700	2809	2689	4.66	cps
Cadmium	108-1	1754	1742	1733	1743	0.60	cps
Cadmium	111-1	2509	2875	2770	2718	6.94	cps
Calcium	43-1	2423694	2446428	2444584	2438235	0.52	cps
Calcium	44-1	39400295	39455540	39687955	39514597	0.39	cps
Chromium	52-2	50453	50306	51205	50655	0.95	cps
Cobalt	59-2	4858	5201	4841	4966	4.09	cps
Copper	63-2	23546	24257	23245	23683	2.19	cps
Dysprosium	156-1	58	42	25	42	40.00	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Erbium	164-1	92	75	108	92	18.18	cps
Erbium	164-2	33	23	33	30	19.25	cps
Gadolinium	160-1	117	142	83	114	25.69	cps
Gadolinium	160-2	80	77	103	87	16.77	cps
Holmium	165-1	10610254	10715935	10851602	10725930	1.13	cps
Holmium	165-2	5318117	5372389	5404325	5364944	0.81	cps
Indium	115-1	7856097	8036595	8026230	7972974	1.27	cps
Indium	115-2	1512560	1517578	1529568	1519902	0.57	cps
Iron	56-2	207826988	207091377	207711916	207543427	0.19	cps
Iron	57-2	5171310	5204414	5206033	5193919	0.38	cps
Lead	206-1	37977	36740	37409	37375	1.66	cps
Lead	207-1	29862	29801	29873	29845	0.13	cps
Lead	208-1	140967	140653	141097	140906	0.16	cps
Lithium	6-1	1361774	1362699	1362630	1362368	0.04	cps
Magnesium	24-2	17874451	17978199	17896389	17916346	0.31	cps
Manganese	55-2	11812	11905	11598	11772	1.34	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:30:24	DataFile Name :	014ICSAB01_P7070517f

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	14137961	14097537	14275806	14170435	0.66	cps
Molybdenum	94-1	5045269	5048476	5093528	5062425	0.53	cps
Molybdenum	95-1	8903025	8906364	9041322	8950237	0.88	cps
Molybdenum	96-1	9548954	9441524	9556991	9515823	0.68	cps
Molybdenum	97-1	5549329	5496309	5557679	5534439	0.60	cps
Neodymium	150-1	67	47	40	51	27.15	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	5975	5941	6208	6041	2.41	cps
Phosphorus	31-2	402348	403085	402034	402489	0.13	cps
Potassium	39-2	18369543	18502341	18370657	18414180	0.41	cps
Rhodium	103-1	6852407	6936436	6876084	6888309	0.63	cps
Rhodium	103-2	3159262	3183605	3187100	3176656	0.48	cps
Scandium	45-1	4469645	4547238	4555483	4524122	1.05	cps
Scandium	45-2	208153	208235	206706	207698	0.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	72	56	72	67	14.43	cps
Selenium	82-1	62	45	142	83	62.51	cps
Silicon	28-1	377158	378629	380256	378681	0.41	cps
Silver	109-1	883	1033	1133	1017	12.38	cps
Silver	107-1	825	1100	1250	1058	20.37	cps
Sodium	23-2	33979378	34282697	34113309	34125128	0.45	cps
Strontium	86-1	99450	100458	101716	100541	1.13	cps
Strontium	88-1	868628	873580	881029	874412	0.71	cps
Sulfur	34-1	3626343	3637781	3662036	3642053	0.50	cps
Terbium	159-1	11042105	11190011	11003865	11078660	0.89	cps
Terbium	159-2	5223950	5245027	5269135	5246037	0.43	cps
Thallium	203-1	1275	1383	1317	1325	4.12	cps
Thallium	205-1	3259	2867	3192	3106	6.75	cps
Tin	118-1	4192	4243	4226	4220	0.60	cps
Titanium	47-1	2268546	2281297	2315251	2288365	1.05	cps
Uranium	238-1	850	825	658	778	13.40	cps
Vanadium	51-2	363	377	337	359	5.67	cps
Yttrium	89-1	8169256	8256331	8269545	8231711	0.66	cps
Yttrium	89-2	1182748	1182039	1184460	1183082	0.11	cps
Zinc	66-2	4748	5081	4868	4899	3.45	cps
Zirconium	90-1	9929	9303	8661	9298	6.82	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:30:24	DataFile Name :	014ICSAB01_P7070517f

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2225	2050	2075	2117	4.47	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:33:51	DataFile Name :	015ICSB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7250935	7298352	7355647	7301645	0.72	cps
Antimony	121-1	201263	199964	202881	201369	0.73	cps
Arsenic	75-2	6005	5968	5929	5967	0.64	cps
Barium	135-1	53462	52366	53169	52999	1.07	cps
Barium	137-1	93003	94353	94865	94074	1.02	cps
Beryllium	9-1	26190	25789	26924	26301	2.19	cps
Bismuth	209-1	6926979	6897504	6885767	6903417	0.31	cps
Bismuth	209-2	3838530	3849482	3858584	3848865	0.26	cps
Boron	11-1	37807	36194	37272	37091	2.21	cps
Boron	10-1	7536	7627	7369	7510	1.74	cps
Cadmium	106-1	6435	6510	6210	6385	2.45	cps
Cadmium	108-1	4851	4313	4205	4456	7.76	cps
Cadmium	111-1	45370	46079	45389	45612	0.89	cps
Calcium	43-1	2457131	2456108	2467061	2460100	0.25	cps
Calcium	44-1	39846542	39698531	39832245	39792439	0.21	cps
Chromium	52-2	99594	100238	100852	100228	0.63	cps
Cobalt	59-2	86775	87080	87663	87173	0.52	cps
Copper	63-2	82367	82303	82525	82398	0.14	cps
Dysprosium	156-1	50	67	50	56	17.32	cps
Dysprosium	156-2	20	17	30	22	31.22	cps
Erbium	164-1	83	92	117	97	17.84	cps
Erbium	164-2	17	30	17	21	36.45	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	127	97	83	102	21.71	cps
Holmium	165-1	10819261	10752817	10782179	10784753	0.31	cps
Holmium	165-2	5312315	5300495	5278803	5297204	0.32	cps
Indium	115-1	8098142	8134230	7992099	8074824	0.91	cps
Indium	115-2	1526837	1519062	1529354	1525084	0.35	cps
Iron	56-2	205865127	207566644	204984343	206138705	0.64	cps
Iron	57-2	5167241	5191507	5185115	5181288	0.24	cps
Lead	206-1	198485	193749	198187	196807	1.35	cps
Lead	207-1	164127	165061	166535	165241	0.73	cps
Lead	208-1	762142	762405	769220	764589	0.52	cps
Lithium	6-1	1346262	1347475	1343730	1345822	0.14	cps
Magnesium	24-2	17690935	17791148	17839647	17773910	0.43	cps
Manganese	55-2	40920	40930	41281	41044	0.50	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:33:51	DataFile Name :	015ICSB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	14427413	14485775	14264728	14392639	0.80	cps
Molybdenum	94-1	5145317	5145687	5169421	5153475	0.27	cps
Molybdenum	95-1	9085994	9117099	9122271	9108455	0.22	cps
Molybdenum	96-1	9653110	9705329	9687943	9682127	0.27	cps
Molybdenum	97-1	5630421	5653591	5630189	5638067	0.24	cps
Neodymium	150-1	73	67	60	67	10.00	cps
Neodymium	150-2	23	23	13	20	28.87	cps
Nickel	60-2	26805	27222	27656	27228	1.56	cps
Phosphorus	31-2	394710	400537	402719	399322	1.04	cps
Potassium	39-2	18348503	18404842	18429319	18394221	0.23	cps
Rhodium	103-1	6972398	7017227	6901756	6963794	0.84	cps
Rhodium	103-2	3176159	3140655	3169430	3162082	0.60	cps
Scandium	45-1	4543737	4514311	4541654	4533234	0.36	cps
Scandium	45-2	206068	205388	205750	205735	0.17	cps
Selenium	77-2	123	163	103	130	23.50	cps
Selenium	78-2	428	478	415	440	7.55	cps
Selenium	82-1	2588	2665	2631	2628	1.45	cps
Silicon	28-1	574404	575839	578089	576110	0.32	cps
Silver	109-1	201136	202252	201854	201747	0.28	cps
Silver	107-1	208462	207077	207600	207713	0.34	cps
Sodium	23-2	33880404	34032967	34056203	33989858	0.28	cps
Strontium	86-1	102020	100936	100509	101155	0.77	cps
Strontium	88-1	875065	879327	879049	877814	0.27	cps
Sulfur	34-1	3657374	3643705	3670763	3657281	0.37	cps
Terbium	159-1	11070249	11154381	11049524	11091385	0.50	cps
Terbium	159-2	5183462	5205085	5180120	5189556	0.26	cps
Thallium	203-1	197344	194138	197443	196308	0.96	cps
Thallium	205-1	477548	471449	478036	475678	0.77	cps
Tin	118-1	298389	298711	300893	299331	0.46	cps
Titanium	47-1	2343707	2342826	2349124	2345219	0.15	cps
Uranium	238-1	700	658	675	678	3.09	cps
Vanadium	51-2	42040	41986	42478	42168	0.64	cps
Yttrium	89-1	8234058	8300440	8312654	8282384	0.51	cps
Yttrium	89-2	1182248	1169853	1179911	1177338	0.56	cps
Zinc	66-2	12299	12946	12846	12697	2.74	cps
Zirconium	90-1	4359	4184	4276	4273	2.05	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:33:51	DataFile Name :	015ICSB_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	1075	892	1014	10.44	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : CCV78 Instrumnet Name : P7
 Client Sample ID : CCV78 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:37:19 DataFile Name : 016CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3969909	3951194	3958194	3959766	0.24	cps
Antimony	121-1	4581174	4591856	4619842	4597624	0.43	cps
Arsenic	75-2	142268	139865	140622	140918	0.87	cps
Barium	135-1	6021148	5967558	6008270	5998992	0.47	cps
Barium	137-1	10265699	10176383	10233404	10225162	0.44	cps
Beryllium	9-1	624354	628367	631468	628063	0.57	cps
Bismuth	209-1	6663414	6376956	6530063	6523478	2.20	cps
Bismuth	209-2	3706842	3672259	3688923	3689341	0.47	cps
Boron	11-1	339245	351287	355683	348739	2.44	cps
Boron	10-1	70481	71101	70766	70783	0.44	cps
Cadmium	106-1	110017	107977	111511	109835	1.61	cps
Cadmium	108-1	72497	73230	73799	73175	0.89	cps
Cadmium	111-1	1018202	1021641	1019371	1019738	0.17	cps
Calcium	43-1	6130784	6140996	6198401	6156727	0.59	cps
Calcium	44-1	98682413	98559815	98858673	98700300	0.15	cps
Chromium	52-2	1272694	1259858	1273102	1268551	0.59	cps
Cobalt	59-2	1966294	1963592	1971214	1967033	0.20	cps
Copper	63-2	2726860	2718705	2726057	2723874	0.16	cps
Dysprosium	156-1	217	158	225	200	18.16	cps
Dysprosium	156-2	70	73	50	64	19.58	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	50	43	40	44	11.46	cps
Gadolinium	160-1	75	125	125	108	26.65	cps
Gadolinium	160-2	103	100	107	103	3.23	cps
Holmium	165-1	10627267	10234636	10370446	10410783	1.92	cps
Holmium	165-2	5185032	5155272	5195008	5178438	0.40	cps
Indium	115-1	7888118	7533622	7710830	7710856	2.30	cps
Indium	115-2	1465192	1462588	1466785	1464855	0.14	cps
Iron	56-2	249013478	247319928	249420128	248584511	0.45	cps
Iron	57-2	6171323	6134874	6212330	6172842	0.63	cps
Lead	206-1	3688000	3704431	3685625	3692685	0.28	cps
Lead	207-1	3349089	3366660	3340908	3352219	0.39	cps
Lead	208-1	15038016	15138687	15045608	15074104	0.37	cps
Lithium	6-1	1338172	1307335	1329374	1324960	1.20	cps
Magnesium	24-2	45129803	44460941	44886422	44825722	0.76	cps
Manganese	55-2	1426805	1413961	1429000	1423256	0.57	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:37:19	DataFile Name :	016CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3577360	3572598	3593945	3581301	0.31	cps
Molybdenum	94-1	3945307	3988985	3984529	3972941	0.60	cps
Molybdenum	95-1	2208747	2212234	2212728	2211236	0.10	cps
Molybdenum	96-1	2806823	2805691	2828348	2813621	0.45	cps
Molybdenum	97-1	1377820	1367567	1379170	1374852	0.46	cps
Neodymium	150-1	487	567	307	453	29.38	cps
Neodymium	150-2	50	47	63	53	16.54	cps
Nickel	60-2	508744	506590	509178	508171	0.27	cps
Phosphorus	31-2	41049	41375	40765	41063	0.74	cps
Potassium	39-2	23144122	23053931	23132943	23110332	0.21	cps
Rhodium	103-1	6755448	6464574	6583441	6601155	2.22	cps
Rhodium	103-2	3040561	3030368	3030812	3033914	0.19	cps
Scandium	45-1	4646983	4429183	4561878	4546014	2.41	cps
Scandium	45-2	209796	208187	211175	209719	0.71	cps
Selenium	77-2	2944	2720	2704	2789	4.81	cps
Selenium	78-2	9424	9010	9496	9310	2.81	cps
Selenium	82-1	61204	61903	61671	61593	0.58	cps
Silicon	28-1	2718445	2745033	2753573	2739017	0.67	cps
Silver	109-1	4917388	4884418	4904622	4902143	0.34	cps
Silver	107-1	5071042	5088563	5084056	5081221	0.18	cps
Sodium	23-2	85723617	85588848	85431746	85581403	0.17	cps
Strontium	86-1	1465704	1479410	1478822	1474645	0.53	cps
Strontium	88-1	12928414	12925059	12978060	12943844	0.23	cps
Sulfur	34-1	580051	575028	585968	580349	0.94	cps
Terbium	159-1	10966158	10534101	10716149	10738803	2.02	cps
Terbium	159-2	5108248	5079827	5084578	5090884	0.30	cps
Thallium	203-1	4571462	4542872	4566568	4560301	0.34	cps
Thallium	205-1	10857424	10976195	10849391	10894337	0.65	cps
Tin	118-1	3707045	3725941	3728919	3720635	0.32	cps
Titanium	47-1	580803	581418	580677	580966	0.07	cps
Uranium	238-1	15679046	15957124	15876535	15837568	0.90	cps
Vanadium	51-2	1061819	1053102	1052077	1055666	0.51	cps
Yttrium	89-1	8188308	7922615	8131557	8080827	1.73	cps
Yttrium	89-2	1162036	1152228	1164926	1159730	0.57	cps
Zinc	66-2	368521	366881	371546	368983	0.64	cps
Zirconium	90-1	7361234	7428008	7408408	7399217	0.46	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:37:19	DataFile Name :	016CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1614973	1625685	1626523	1622394	0.40	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	125	183	144	23.31	cps
Antimony	121-1	5501	4918	5118	5179	5.73	cps
Arsenic	75-2	31	52	44	43	24.21	cps
Barium	135-1	175	217	133	175	23.81	cps
Barium	137-1	308	275	300	294	5.89	cps
Beryllium	9-1	522	511	433	489	9.91	cps
Bismuth	209-1	7052030	7161973	7096025	7103342	0.78	cps
Bismuth	209-2	4046164	3952141	4090595	4029633	1.75	cps
Boron	11-1	10571	10446	10512	10510	0.59	cps
Boron	10-1	2342	2109	1917	2122	10.03	cps
Cadmium	106-1	2542	2684	2534	2586	3.26	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Cadmium	111-1	1800	1914	1821	1845	3.29	cps
Calcium	43-1	425	383	358	389	8.66	cps
Calcium	44-1	10079	9228	8928	9412	6.34	cps
Chromium	52-2	533	513	557	534	4.06	cps
Cobalt	59-2	157	157	173	162	5.93	cps
Copper	63-2	1300	1523	1500	1441	8.52	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	75	17	33	108.97	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	80	50	60	63	24.12	cps
Holmium	165-1	10610245	10611906	10703689	10641947	0.50	cps
Holmium	165-2	5176900	5073514	5211947	5154121	1.40	cps
Indium	115-1	8138751	8155000	8188260	8160670	0.31	cps
Indium	115-2	1532045	1505738	1541320	1526368	1.21	cps
Iron	56-2	19013	18935	17878	18608	3.41	cps
Iron	57-2	644	600	656	633	4.64	cps
Lead	206-1	1567	1689	1583	1613	4.11	cps
Lead	207-1	1389	1400	1583	1458	7.49	cps
Lead	208-1	6373	6601	6612	6529	2.07	cps
Lithium	6-1	1382184	1390279	1384915	1385793	0.30	cps
Magnesium	24-2	2184	1792	1967	1981	9.91	cps
Manganese	55-2	157	177	153	162	7.78	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1725	1634	1692	1684	2.76	cps
Molybdenum	94-1	1383	1300	1400	1361	3.94	cps
Molybdenum	95-1	1008	1017	1125	1050	6.20	cps
Molybdenum	96-1	1183	1133	1383	1233	10.73	cps
Molybdenum	97-1	733	625	558	639	13.83	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	417	367	391	6.40	cps
Phosphorus	31-2	150	108	108	122	19.68	cps
Potassium	39-2	31050	29706	29313	30023	3.03	cps
Rhodium	103-1	7218653	7240865	7264068	7241195	0.31	cps
Rhodium	103-2	3293561	3246850	3318637	3286349	1.11	cps
Scandium	45-1	4488692	4531704	4492815	4504404	0.53	cps
Scandium	45-2	203787	199578	203159	202174	1.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	54	41	54	24.14	cps
Selenium	82-1	92	-15	-33	15	455.71	cps
Silicon	28-1	262150	261541	261355	261682	0.16	cps
Silver	109-1	708	550	492	583	19.22	cps
Silver	107-1	550	433	383	456	18.77	cps
Sodium	23-2	26082	25214	26625	25973	2.74	cps
Strontium	86-1	1775	1709	1917	1800	5.91	cps
Strontium	88-1	525	558	450	511	10.86	cps
Sulfur	34-1	253389	250900	251810	252033	0.50	cps
Terbium	159-1	10875984	10897664	10945356	10906334	0.33	cps
Terbium	159-2	5077973	5001933	5159833	5079913	1.55	cps
Thallium	203-1	867	800	667	778	13.09	cps
Thallium	205-1	1984	1809	1884	1892	4.64	cps
Tin	118-1	3067	2950	3226	3081	4.48	cps
Titanium	47-1	183	183	150	172	11.17	cps
Uranium	238-1	642	550	633	608	8.33	cps
Vanadium	51-2	30	17	27	24	28.38	cps
Yttrium	89-1	8235631	8185204	8186326	8202387	0.35	cps
Yttrium	89-2	1161561	1140449	1163416	1155142	1.10	cps
Zinc	66-2	210	180	200	197	7.77	cps
Zirconium	90-1	2059	2259	2000	2106	6.44	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:43:09	DataFile Name :	017CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	425	442	428	2.98	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1492	1400	1514	8.35	cps
Antimony	121-1	19573	19756	19189	19506	1.48	cps
Arsenic	75-2	300	261	272	278	7.21	cps
Barium	135-1	20316	22193	20766	21092	4.65	cps
Barium	137-1	37067	37167	37351	37195	0.39	cps
Beryllium	9-1	1606	1595	1456	1552	5.39	cps
Bismuth	209-1	7042090	7076962	7007026	7042026	0.50	cps
Bismuth	209-2	3988237	3997295	3990491	3992007	0.12	cps
Boron	11-1	20389	21516	21383	21096	2.92	cps
Boron	10-1	4092	4267	4734	4365	7.60	cps
Cadmium	106-1	2825	2467	2792	2695	7.35	cps
Cadmium	108-1	163	154	154	157	3.06	cps
Cadmium	111-1	3902	3557	3813	3757	4.77	cps
Calcium	43-1	10921	10412	10930	10754	2.75	cps
Calcium	44-1	180033	177460	183127	180207	1.57	cps
Chromium	52-2	5504	5454	5374	5444	1.20	cps
Cobalt	59-2	3827	3861	3884	3857	0.74	cps
Copper	63-2	7155	7048	7289	7164	1.68	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	92	42	42	58	49.48	cps
Erbium	164-2	33	17	13	21	50.75	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	90	60	50	67	31.22	cps
Holmium	165-1	10532865	10493356	10485737	10503986	0.24	cps
Holmium	165-2	5166597	5182000	5158272	5168956	0.23	cps
Indium	115-1	8029914	8127285	8161492	8106230	0.84	cps
Indium	115-2	1513204	1526600	1517989	1519264	0.45	cps
Iron	56-2	106730	109399	109594	108574	1.47	cps
Iron	57-2	2695	2800	2811	2769	2.33	cps
Lead	206-1	10032	10215	9776	10008	2.20	cps
Lead	207-1	9048	8920	8431	8799	3.70	cps
Lead	208-1	39997	40214	39124	39778	1.45	cps
Lithium	6-1	1372398	1392110	1386538	1383682	0.73	cps
Magnesium	24-2	83047	81781	81513	82114	1.00	cps
Manganese	55-2	1467	1443	1590	1500	5.25	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	32421	31811	31277	31837	1.80	cps
Molybdenum	94-1	17845	17837	16994	17559	2.78	cps
Molybdenum	95-1	20908	19372	20332	20204	3.84	cps
Molybdenum	96-1	22685	22995	21442	22374	3.67	cps
Molybdenum	97-1	12422	12915	12973	12770	2.37	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1437	1297	1277	1337	6.52	cps
Phosphorus	31-2	225	225	117	189	33.11	cps
Potassium	39-2	112021	111727	110090	111279	0.94	cps
Rhodium	103-1	7092737	7138704	7185981	7139141	0.65	cps
Rhodium	103-2	3241966	3267269	3270767	3260000	0.48	cps
Scandium	45-1	4413841	4453425	4452924	4440063	0.51	cps
Scandium	45-2	201246	201909	201260	201472	0.19	cps
Selenium	77-2	17	37	37	30	38.49	cps
Selenium	78-2	139	150	131	140	6.65	cps
Selenium	82-1	568	509	675	584	14.46	cps
Silicon	28-1	298065	300694	298789	299182	0.45	cps
Silver	109-1	13056	12840	12498	12798	2.20	cps
Silver	107-1	12748	12923	13290	12987	2.13	cps
Sodium	23-2	179561	180810	178364	179578	0.68	cps
Strontium	86-1	4443	4301	4493	4412	2.25	cps
Strontium	88-1	23320	24372	24438	24043	2.61	cps
Sulfur	34-1	250980	251270	250261	250837	0.21	cps
Terbium	159-1	10799348	10871130	11035386	10901955	1.11	cps
Terbium	159-2	5083242	5136913	5089762	5103305	0.57	cps
Thallium	203-1	9262	9896	9712	9623	3.39	cps
Thallium	205-1	22478	21877	22428	22261	1.50	cps
Tin	118-1	35788	35596	36858	36081	1.88	cps
Titanium	47-1	5485	5218	5084	5262	3.87	cps
Uranium	238-1	29409	29359	29651	29473	0.53	cps
Vanadium	51-2	9627	9520	9450	9532	0.93	cps
Yttrium	89-1	8176739	8094368	8091993	8121033	0.59	cps
Yttrium	89-2	1149517	1147237	1144656	1147137	0.21	cps
Zinc	66-2	940	983	787	903	11.44	cps
Zirconium	90-1	16986	16677	16627	16763	1.16	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:46:36	DataFile Name :	018SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4001	3609	3876	3828	5.23	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	100	100	83	34.64	cps
Antimony	121-1	1375	1342	1750	1489	15.23	cps
Arsenic	75-2	17	9	15	14	28.39	cps
Barium	135-1	100	42	50	64	49.38	cps
Barium	137-1	117	100	92	103	12.39	cps
Beryllium	9-1	300	361	278	313	13.79	cps
Bismuth	209-1	7080728	7020513	7179252	7093497	1.13	cps
Bismuth	209-2	4083946	4119392	4115174	4106171	0.47	cps
Boron	11-1	5843	6051	5843	5913	2.04	cps
Boron	10-1	1200	1317	1375	1297	6.87	cps
Cadmium	106-1	2642	2592	2042	2425	13.73	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Cadmium	111-1	1864	1817	1442	1708	13.56	cps
Calcium	43-1	283	242	283	269	8.93	cps
Calcium	44-1	7077	6810	6794	6894	2.31	cps
Chromium	52-2	490	527	567	528	7.27	cps
Cobalt	59-2	140	110	180	143	24.50	cps
Copper	63-2	1113	1050	1120	1095	3.53	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	83	8	33	42	91.66	cps
Erbium	164-2	13	20	30	21	39.75	cps
Gadolinium	160-1	92	58	67	72	24.02	cps
Gadolinium	160-2	90	63	77	77	17.39	cps
Holmium	165-1	10477433	10410652	10712477	10533520	1.51	cps
Holmium	165-2	5249587	5288584	5296451	5278207	0.48	cps
Indium	115-1	8016234	7949282	8182661	8049392	1.49	cps
Indium	115-2	1549011	1553021	1545069	1549034	0.26	cps
Iron	56-2	11677	11961	11377	11672	2.50	cps
Iron	57-2	300	394	361	352	13.61	cps
Lead	206-1	1567	1789	1389	1582	12.67	cps
Lead	207-1	1600	1278	1300	1393	12.92	cps
Lead	208-1	6479	6590	5645	6238	8.28	cps
Lithium	6-1	1373059	1364981	1395793	1377944	1.16	cps
Magnesium	24-2	1425	1425	1375	1408	2.05	cps
Manganese	55-2	167	177	127	157	16.89	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	742	717	700	719	2.92	cps
Molybdenum	94-1	842	725	817	795	7.73	cps
Molybdenum	95-1	483	400	433	439	9.56	cps
Molybdenum	96-1	525	583	475	528	10.27	cps
Molybdenum	97-1	150	383	258	264	44.25	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	330	357	383	357	7.48	cps
Phosphorus	31-2	200	142	142	161	20.90	cps
Potassium	39-2	29263	29046	29347	29219	0.53	cps
Rhodium	103-1	7041069	7018144	7203883	7087699	1.43	cps
Rhodium	103-2	3322075	3345339	3311018	3326144	0.53	cps
Scandium	45-1	4365834	4337362	4503184	4402127	2.01	cps
Scandium	45-2	206928	207461	205575	206655	0.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	39	63	81	61	34.95	cps
Selenium	82-1	205	26	56	96	99.91	cps
Silicon	28-1	254329	255221	253559	254370	0.33	cps
Silver	109-1	350	392	308	350	11.91	cps
Silver	107-1	333	450	317	367	19.81	cps
Sodium	23-2	22467	22701	21549	22239	2.74	cps
Strontium	86-1	1817	1742	1675	1745	4.06	cps
Strontium	88-1	250	283	300	278	9.17	cps
Sulfur	34-1	250446	250574	255820	252280	1.22	cps
Terbium	159-1	10841597	10683152	10892177	10805642	1.01	cps
Terbium	159-2	5191895	5207068	5178135	5192366	0.28	cps
Thallium	203-1	317	408	342	356	13.33	cps
Thallium	205-1	842	842	933	872	6.07	cps
Tin	118-1	1959	1934	1942	1945	0.65	cps
Titanium	47-1	200	133	75	136	45.95	cps
Uranium	238-1	233	200	217	217	7.69	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	8020524	7923860	8192878	8045754	1.69	cps
Yttrium	89-2	1163883	1175203	1164100	1167729	0.55	cps
Zinc	66-2	217	173	150	180	18.79	cps
Zirconium	90-1	1325	1300	1258	1295	2.60	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BL	Instrumnet Name :	P7
Client Sample ID :	PB100430BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:50:04	DataFile Name :	019CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	300	217	256	16.41	cps

LB Number : LB88530 Operator : Jaswal
 Lab Sample ID : PB100430BS Instrumnet Name : P7
 Client Sample ID : PB100430BS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-05 13:53:32 DataFile Name : 020CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	801263	805572	797193	801342	0.52	cps
Antimony	121-1	4972643	4992487	4982170	4982433	0.20	cps
Arsenic	75-2	150226	150635	150702	150521	0.17	cps
Barium	135-1	6349032	6385565	6317272	6350623	0.54	cps
Barium	137-1	11038768	10937279	10971268	10982439	0.47	cps
Beryllium	9-1	678827	671566	670234	673542	0.69	cps
Bismuth	209-1	7305536	7386647	7328187	7340123	0.57	cps
Bismuth	209-2	4119610	4110681	4117952	4116081	0.12	cps
Boron	11-1	348052	352916	359881	353617	1.68	cps
Boron	10-1	71996	72684	73404	72695	0.97	cps
Cadmium	106-1	122786	123335	121023	122382	0.99	cps
Cadmium	108-1	83239	82417	80816	82157	1.50	cps
Cadmium	111-1	1143134	1139974	1125473	1136194	0.83	cps
Calcium	43-1	1283485	1278863	1275292	1279214	0.32	cps
Calcium	44-1	20823710	20784045	20780522	20796092	0.12	cps
Chromium	52-2	1301309	1300260	1297857	1299809	0.14	cps
Cobalt	59-2	2086523	2098362	2098348	2094411	0.33	cps
Copper	63-2	2972855	2976282	2983638	2977592	0.19	cps
Dysprosium	156-1	133	117	92	114	18.41	cps
Dysprosium	156-2	47	77	70	64	24.44	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	3	27	30	20	72.66	cps
Gadolinium	160-1	92	167	58	106	52.56	cps
Gadolinium	160-2	70	80	57	69	16.99	cps
Holmium	165-1	11269144	11291203	11216050	11258799	0.34	cps
Holmium	165-2	5496527	5505941	5484468	5495645	0.20	cps
Indium	115-1	8294308	8460317	8196683	8317103	1.60	cps
Indium	115-2	1568859	1563083	1567449	1566464	0.19	cps
Iron	56-2	53332450	53781176	53785365	53632997	0.49	cps
Iron	57-2	1325980	1333973	1335165	1331706	0.38	cps
Lead	206-1	4094025	4094673	4125895	4104865	0.44	cps
Lead	207-1	3770299	3740712	3741571	3750860	0.45	cps
Lead	208-1	16846280	16768961	16800855	16805365	0.23	cps
Lithium	6-1	1461826	1484002	1465220	1470350	0.81	cps
Magnesium	24-2	9571391	9630298	9574428	9592039	0.35	cps
Manganese	55-2	1485179	1487658	1488068	1486969	0.11	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BS	Instrumnet Name :	P7
Client Sample ID :	PB100430BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:53:32	DataFile Name :	020CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3727881	3724477	3747484	3733280	0.33	cps
Molybdenum	94-1	4179030	4144403	4153960	4159131	0.43	cps
Molybdenum	95-1	2320026	2287679	2315111	2307605	0.76	cps
Molybdenum	96-1	2973179	2907985	2943133	2941432	1.11	cps
Molybdenum	97-1	1444929	1425478	1442866	1437758	0.74	cps
Neodymium	150-1	527	473	567	522	8.97	cps
Neodymium	150-2	37	37	37	37	0.00	cps
Nickel	60-2	545731	545630	544166	545176	0.16	cps
Phosphorus	31-2	43030	42737	42437	42735	0.69	cps
Potassium	39-2	4860926	4901520	4873855	4878767	0.43	cps
Rhodium	103-1	7248947	7365635	7272882	7295822	0.84	cps
Rhodium	103-2	3316058	3338408	3331368	3328611	0.34	cps
Scandium	45-1	4730531	4873765	4696660	4766985	1.97	cps
Scandium	45-2	214552	215069	216202	215274	0.39	cps
Selenium	77-2	3137	3037	3144	3106	1.92	cps
Selenium	78-2	10487	10243	10265	10332	1.31	cps
Selenium	82-1	68597	69193	68386	68725	0.61	cps
Silicon	28-1	2829232	2834498	2832403	2832044	0.09	cps
Silver	109-1	5488651	5449537	5443227	5460471	0.45	cps
Silver	107-1	5726236	5680943	5649685	5685622	0.68	cps
Sodium	23-2	17906826	18107909	17887460	17967398	0.68	cps
Strontium	86-1	1508064	1500273	1504543	1504293	0.26	cps
Strontium	88-1	13266761	13335155	13241673	13281196	0.36	cps
Sulfur	34-1	602568	597585	597686	599280	0.48	cps
Terbium	159-1	11580007	11723138	11501595	11601580	0.97	cps
Terbium	159-2	5411549	5435331	5393165	5413348	0.39	cps
Thallium	203-1	5082882	5088667	5063056	5078202	0.26	cps
Thallium	205-1	12086518	12083641	12098682	12089614	0.07	cps
Tin	118-1	3999308	4012685	4004647	4005547	0.17	cps
Titanium	47-1	605700	593964	592410	597358	1.22	cps
Uranium	238-1	17127408	17244039	17256584	17209344	0.41	cps
Vanadium	51-2	1084156	1086028	1083831	1084672	0.11	cps
Yttrium	89-1	8617925	8718841	8568681	8635149	0.89	cps
Yttrium	89-2	1214569	1217174	1216272	1216005	0.11	cps
Zinc	66-2	405688	409754	406468	407304	0.53	cps
Zirconium	90-1	7853615	7775006	7789203	7805941	0.54	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	PB100430BS	Instrumnet Name :	P7
Client Sample ID :	PB100430BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:53:32	DataFile Name :	020CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1711413	1706124	1700362	1705966	0.32	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	242	236	10.78	cps
Antimony	121-1	31403	27319	27620	28781	7.91	cps
Arsenic	75-2	133	133	159	142	10.54	cps
Barium	135-1	1050	1092	783	975	17.16	cps
Barium	137-1	2134	1667	1592	1797	16.33	cps
Beryllium	9-1	506	628	594	576	10.97	cps
Bismuth	209-1	7730517	7623006	7565954	7639826	1.09	cps
Bismuth	209-2	4018773	4022687	4005520	4015660	0.22	cps
Boron	11-1	20974	20640	18654	20089	6.24	cps
Boron	10-1	4851	4117	3909	4292	11.53	cps
Cadmium	106-1	2500	2567	2700	2589	3.93	cps
Cadmium	108-1	108	100	54	88	33.33	cps
Cadmium	111-1	2812	2819	2827	2819	0.27	cps
Calcium	43-1	542	508	450	500	9.28	cps
Calcium	44-1	12940	12164	11964	12356	4.17	cps
Chromium	52-2	1780	1730	1637	1716	4.24	cps
Cobalt	59-2	210	180	180	190	9.12	cps
Copper	63-2	15385	15332	15332	15349	0.20	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	58	36	53.30	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	42	33	92	56	56.79	cps
Gadolinium	160-2	63	70	47	60	20.03	cps
Holmium	165-1	10405640	10416742	10371805	10398062	0.23	cps
Holmium	165-2	4881776	4903138	4891801	4892238	0.22	cps
Indium	115-1	8320628	8352746	8369886	8347753	0.30	cps
Indium	115-2	1488013	1480878	1482369	1483754	0.25	cps
Iron	56-2	15814	15447	15103	15455	2.30	cps
Iron	57-2	489	417	472	459	8.23	cps
Lead	206-1	5001	4556	4134	4564	9.50	cps
Lead	207-1	4023	4106	3551	3893	7.70	cps
Lead	208-1	19829	17733	16277	17946	9.95	cps
Lithium	6-1	1369066	1389080	1381972	1380039	0.74	cps
Magnesium	24-2	1800	1525	1475	1600	10.94	cps
Manganese	55-2	297	250	287	278	8.85	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4026	3617	3617	3753	6.28	cps
Molybdenum	94-1	4726	3709	3876	4104	13.29	cps
Molybdenum	95-1	2250	2109	2167	2175	3.27	cps
Molybdenum	96-1	2900	2625	2675	2734	5.36	cps
Molybdenum	97-1	1609	1467	1308	1461	10.27	cps
Neodymium	150-1	13	13	67	31	98.99	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	510	417	383	437	15.04	cps
Phosphorus	31-2	100	142	133	125	17.64	cps
Potassium	39-2	35987	36003	34925	35638	1.73	cps
Rhodium	103-1	6849042	6891951	6874609	6871867	0.31	cps
Rhodium	103-2	3064953	3057206	3076743	3066301	0.32	cps
Scandium	45-1	4087991	4076084	4016721	4060265	0.94	cps
Scandium	45-2	177732	177270	175971	176991	0.52	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	81	70	57	70	17.27	cps
Selenium	82-1	135	237	116	163	40.02	cps
Silicon	28-1	288103	280848	278167	282373	1.82	cps
Silver	109-1	12590	11330	9404	11108	14.45	cps
Silver	107-1	12956	11146	9912	11338	13.50	cps
Sodium	23-2	87353	84672	82133	84720	3.08	cps
Strontium	86-1	2175	2059	1800	2011	9.54	cps
Strontium	88-1	3359	2559	2509	2809	16.99	cps
Sulfur	34-1	233917	232498	228264	231560	1.27	cps
Terbium	159-1	10726655	10704643	10741905	10724401	0.17	cps
Terbium	159-2	4810916	4804213	4814578	4809902	0.11	cps
Thallium	203-1	5551	3384	2167	3701	46.32	cps
Thallium	205-1	12315	8436	5526	8759	38.88	cps
Tin	118-1	17820	16761	15676	16752	6.40	cps
Titanium	47-1	400	333	375	369	9.12	cps
Uranium	238-1	3217	2209	1917	2448	27.88	cps
Vanadium	51-2	377	327	367	357	7.42	cps
Yttrium	89-1	7737725	7714082	7681462	7711090	0.37	cps
Yttrium	89-2	1051695	1047435	1049031	1049387	0.21	cps
Zinc	66-2	3127	2994	3170	3097	2.97	cps
Zirconium	90-1	9028	7844	6810	7894	14.06	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 13:56:57	DataFile Name :	021SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2142	1859	1450	1817	19.14	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	217	183	175	26.51	cps
Antimony	121-1	12247	13057	13290	12865	4.25	cps
Arsenic	75-2	113	91	117	107	13.13	cps
Barium	135-1	317	308	358	328	8.17	cps
Barium	137-1	750	633	833	739	13.60	cps
Beryllium	9-1	328	278	300	302	8.30	cps
Bismuth	209-1	7284214	7332014	7316459	7310896	0.33	cps
Bismuth	209-2	3889682	3878908	3875031	3881207	0.20	cps
Boron	11-1	10271	10295	10029	10198	1.44	cps
Boron	10-1	2325	1984	1867	2059	11.57	cps
Cadmium	106-1	2417	2659	2067	2381	12.50	cps
Cadmium	108-1	38	21	33	31	28.39	cps
Cadmium	111-1	1941	2113	1715	1923	10.38	cps
Calcium	43-1	450	367	433	417	10.58	cps
Calcium	44-1	9645	10304	9862	9937	3.38	cps
Chromium	52-2	1453	1543	1317	1438	7.94	cps
Cobalt	59-2	120	130	183	144	23.57	cps
Copper	63-2	16186	17421	17290	16966	4.00	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	0	33	33	22	86.60	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	25	25	108	53	91.16	cps
Gadolinium	160-2	47	87	57	63	32.87	cps
Holmium	165-1	10364704	10331218	10388302	10361408	0.28	cps
Holmium	165-2	4800819	4828442	4822615	4817292	0.30	cps
Indium	115-1	7983191	7939184	7955609	7959328	0.28	cps
Indium	115-2	1404376	1406946	1394641	1401988	0.46	cps
Iron	56-2	9042	9270	9692	9335	3.54	cps
Iron	57-2	300	356	283	313	12.08	cps
Lead	206-1	2445	2489	2617	2517	3.55	cps
Lead	207-1	2017	2389	2156	2187	8.60	cps
Lead	208-1	9674	10252	9946	9957	2.90	cps
Lithium	6-1	1361064	1360116	1370629	1363936	0.43	cps
Magnesium	24-2	1367	1634	1558	1520	9.05	cps
Manganese	55-2	227	180	170	192	15.74	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1350	1200	1325	1292	6.22	cps
Molybdenum	94-1	1358	1392	1217	1322	7.03	cps
Molybdenum	95-1	625	542	542	569	8.45	cps
Molybdenum	96-1	817	642	792	750	12.62	cps
Molybdenum	97-1	483	383	425	431	11.67	cps
Neodymium	150-1	33	33	27	31	12.37	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	373	383	353	370	4.13	cps
Phosphorus	31-2	133	125	117	125	6.67	cps
Potassium	39-2	29756	28628	27902	28762	3.25	cps
Rhodium	103-1	6637789	6608258	6635394	6627147	0.25	cps
Rhodium	103-2	2969112	2970849	2953969	2964643	0.31	cps
Scandium	45-1	3787446	3751658	3723241	3754115	0.86	cps
Scandium	45-2	165243	166999	163919	165387	0.93	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	59	57	63	60	4.72	cps
Selenium	82-1	141	279	130	183	45.46	cps
Silicon	28-1	249592	248925	249871	249463	0.19	cps
Silver	109-1	4526	4484	4551	4520	0.75	cps
Silver	107-1	4768	4651	4418	4612	3.87	cps
Sodium	23-2	67611	66021	62857	65496	3.69	cps
Strontium	86-1	1742	1959	1659	1786	8.67	cps
Strontium	88-1	1642	1408	1433	1495	8.57	cps
Sulfur	34-1	218691	214803	212215	215236	1.51	cps
Terbium	159-1	10595087	10653385	10710451	10652975	0.54	cps
Terbium	159-2	4734692	4748505	4725311	4736169	0.25	cps
Thallium	203-1	267	325	292	294	9.94	cps
Thallium	205-1	775	700	650	708	8.88	cps
Tin	118-1	9962	9937	10087	9996	0.80	cps
Titanium	47-1	175	208	233	206	14.24	cps
Uranium	238-1	300	200	233	244	20.83	cps
Vanadium	51-2	317	303	247	289	12.87	cps
Yttrium	89-1	7418938	7367559	7362333	7382943	0.42	cps
Yttrium	89-2	1009347	1016831	1000564	1008914	0.81	cps
Zinc	66-2	3034	2730	2794	2853	5.61	cps
Zirconium	90-1	3125	3059	2734	2973	7.05	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUP	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:00:24	DataFile Name :	022SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800	708	550	686	18.43	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	58	100	97	38.65	cps
Antimony	121-1	3167	3084	2850	3034	5.41	cps
Arsenic	75-2	30	48	37	38	24.35	cps
Barium	135-1	117	92	75	94	22.21	cps
Barium	137-1	175	125	183	161	19.58	cps
Beryllium	9-1	333	300	228	287	18.80	cps
Bismuth	209-1	6981644	7007993	6964506	6984715	0.31	cps
Bismuth	209-2	3830642	3867504	3852064	3850070	0.48	cps
Boron	11-1	6360	6235	6068	6221	2.35	cps
Boron	10-1	1258	1000	1383	1214	16.11	cps
Cadmium	106-1	2167	2567	2450	2395	8.59	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Cadmium	111-1	1576	1837	1748	1720	7.71	cps
Calcium	43-1	242	225	267	244	8.58	cps
Calcium	44-1	7511	7844	7419	7591	2.95	cps
Chromium	52-2	730	747	737	738	1.14	cps
Cobalt	59-2	103	90	90	94	8.15	cps
Copper	63-2	5855	6221	5768	5948	4.05	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	47	47	57	50	11.55	cps
Holmium	165-1	10652662	10614018	10600748	10622476	0.25	cps
Holmium	165-2	4985741	5055386	5022142	5021090	0.69	cps
Indium	115-1	7962489	7882313	7914804	7919869	0.51	cps
Indium	115-2	1428873	1448466	1440470	1439270	0.68	cps
Iron	56-2	7385	7597	7335	7439	1.86	cps
Iron	57-2	256	222	272	250	10.18	cps
Lead	206-1	1211	995	1111	1106	9.81	cps
Lead	207-1	995	1061	1006	1020	3.50	cps
Lead	208-1	4700	4539	4550	4597	1.96	cps
Lithium	6-1	1307721	1300024	1304821	1304189	0.30	cps
Magnesium	24-2	1400	1750	1584	1578	11.10	cps
Manganese	55-2	150	147	170	156	8.11	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	583	625	642	617	4.87	cps
Molybdenum	94-1	542	517	483	514	5.69	cps
Molybdenum	95-1	300	300	367	322	11.94	cps
Molybdenum	96-1	433	417	458	436	4.81	cps
Molybdenum	97-1	233	242	225	233	3.57	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	410	373	347	377	8.44	cps
Phosphorus	31-2	100	142	67	103	36.56	cps
Potassium	39-2	25932	26608	25756	26099	1.72	cps
Rhodium	103-1	6810276	6822438	6843724	6825479	0.25	cps
Rhodium	103-2	3067857	3114079	3095155	3092363	0.75	cps
Scandium	45-1	3965203	3944321	3955588	3955037	0.26	cps
Scandium	45-2	175154	177341	176683	176393	0.64	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	52	46	74	57	25.60	cps
Selenium	82-1	30	9	181	73	127.96	cps
Silicon	28-1	219777	225462	217881	221040	1.78	cps
Silver	109-1	1717	1925	1817	1820	5.73	cps
Silver	107-1	2209	1750	2359	2106	15.05	cps
Sodium	23-2	36754	38091	37046	37297	1.88	cps
Strontium	86-1	1600	1533	1717	1617	5.74	cps
Strontium	88-1	533	408	525	489	14.30	cps
Sulfur	34-1	215041	217973	212969	215328	1.17	cps
Terbium	159-1	10955484	10838488	10940679	10911551	0.58	cps
Terbium	159-2	4907487	4946548	4933007	4929014	0.40	cps
Thallium	203-1	183	150	125	153	19.15	cps
Thallium	205-1	358	300	300	319	10.54	cps
Tin	118-1	2625	2600	2617	2614	0.49	cps
Titanium	47-1	192	158	125	158	21.05	cps
Uranium	238-1	333	192	183	236	35.70	cps
Vanadium	51-2	77	90	57	74	22.53	cps
Yttrium	89-1	7652684	7609046	7632989	7631573	0.29	cps
Yttrium	89-2	1052503	1069658	1055299	1059153	0.87	cps
Zinc	66-2	670	760	707	712	6.35	cps
Zirconium	90-1	717	850	833	800	9.08	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LX5	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-05 14:03:53	DataFile Name :	023SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	283	133	228	36.09	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	578737	573336	572782	574952	0.57	cps
Antimony	121-1	4161785	4206056	4213941	4193927	0.67	cps
Arsenic	75-2	113169	114145	115058	114124	0.83	cps
Barium	135-1	5644446	5668659	5678282	5663796	0.31	cps
Barium	137-1	9705283	9726385	9800072	9743913	0.51	cps
Beryllium	9-1	476718	474066	468264	473016	0.91	cps
Bismuth	209-1	7142203	7232901	7241221	7205442	0.76	cps
Bismuth	209-2	3853767	3851146	3857902	3854272	0.09	cps
Boron	11-1	523273	526369	532468	527370	0.89	cps
Boron	10-1	104241	107312	107815	106456	1.82	cps
Cadmium	106-1	104569	102503	103426	103499	1.00	cps
Cadmium	108-1	69896	68435	70394	69575	1.46	cps
Cadmium	111-1	964432	962232	971465	966043	0.50	cps
Calcium	43-1	7394	7461	7094	7316	2.67	cps
Calcium	44-1	68677	69405	67547	68543	1.37	cps
Chromium	52-2	1001700	1003533	1005697	1003643	0.20	cps
Cobalt	59-2	1665933	1664590	1672432	1667652	0.25	cps
Copper	63-2	2529132	2555496	2543461	2542696	0.52	cps
Dysprosium	156-1	158	100	150	136	23.18	cps
Dysprosium	156-2	63	47	47	52	18.42	cps
Erbium	164-1	4684	4584	4759	4676	1.88	cps
Erbium	164-2	2154	2214	2074	2147	3.27	cps
Gadolinium	160-1	375	417	392	394	5.32	cps
Gadolinium	160-2	217	243	250	237	7.45	cps
Holmium	165-1	10210240	10183935	10367783	10253986	0.97	cps
Holmium	165-2	4796417	4798747	4799559	4798241	0.03	cps
Indium	115-1	7509796	7504071	7425135	7479667	0.63	cps
Indium	115-2	1323711	1340738	1334239	1332896	0.64	cps
Iron	56-2	42732533	42903393	42535263	42723730	0.43	cps
Iron	57-2	1050865	1060410	1055879	1055718	0.45	cps
Lead	206-1	3682804	3726390	3750867	3720020	0.93	cps
Lead	207-1	3360822	3401310	3416911	3393014	0.85	cps
Lead	208-1	15079188	15203331	15364067	15215529	0.94	cps
Lithium	6-1	1321946	1333244	1344077	1333089	0.83	cps
Magnesium	24-2	2059	1975	2117	2050	3.47	cps
Manganese	55-2	1155647	1152341	1158967	1155652	0.29	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6249789	6324501	6318557	6297616	0.66	cps
Molybdenum	94-1	4729671	4706813	4744652	4727046	0.40	cps
Molybdenum	95-1	3898568	3887811	3907167	3897849	0.25	cps
Molybdenum	96-1	4618168	4612483	4620317	4616990	0.09	cps
Molybdenum	97-1	2424605	2420224	2437353	2427394	0.37	cps
Neodymium	150-1	353	500	293	382	27.82	cps
Neodymium	150-2	27	40	47	38	26.95	cps
Nickel	60-2	437235	443085	442767	441029	0.75	cps
Phosphorus	31-2	117	158	83	119	31.46	cps
Potassium	39-2	3569351	3591862	3567800	3576338	0.38	cps
Rhodium	103-1	6392863	6435501	6412505	6413623	0.33	cps
Rhodium	103-2	2878614	2901640	2905876	2895377	0.51	cps
Scandium	45-1	3653847	3653566	3644966	3650793	0.14	cps
Scandium	45-2	163423	163278	162028	162910	0.47	cps
Selenium	77-2	2274	2374	2337	2328	2.17	cps
Selenium	78-2	7826	7858	7804	7829	0.34	cps
Selenium	82-1	54668	54837	54831	54779	0.17	cps
Silicon	28-1	3734528	3733471	3709277	3725759	0.38	cps
Silver	109-1	4478470	4468846	4495239	4480852	0.30	cps
Silver	107-1	4630560	4622415	4654864	4635946	0.36	cps
Sodium	23-2	57929	58858	59260	58682	1.16	cps
Strontium	86-1	2547741	2532967	2544444	2541717	0.31	cps
Strontium	88-1	22423535	22477578	22401762	22434292	0.17	cps
Sulfur	34-1	199578	194436	194124	196046	1.56	cps
Terbium	159-1	10335571	10504691	10578715	10472992	1.19	cps
Terbium	159-2	4698719	4697350	4724425	4706831	0.32	cps
Thallium	203-1	4631027	4671427	4715276	4672577	0.90	cps
Thallium	205-1	11083816	11169303	11325499	11192872	1.09	cps
Tin	118-1	6870628	6936282	6919767	6908892	0.49	cps
Titanium	47-1	914328	918070	905321	912573	0.72	cps
Uranium	238-1	15330443	15539627	15663474	15511181	1.09	cps
Vanadium	51-2	812717	814516	810712	812648	0.23	cps
Yttrium	89-1	7272530	7208860	7235677	7239022	0.44	cps
Yttrium	89-2	981085	996418	988863	988788	0.78	cps
Zinc	66-2	330925	332591	331426	331647	0.26	cps
Zirconium	90-1	6852002	6832697	6899700	6861466	0.50	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MS	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:07:22	DataFile Name :	024SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1497491	1490000	1491071	1492854	0.27	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567816	568430	572129	569458	0.41	cps
Antimony	121-1	4210872	4237868	4263817	4237519	0.62	cps
Arsenic	75-2	114251	114322	115019	114531	0.37	cps
Barium	135-1	5669283	5681961	5722983	5691409	0.49	cps
Barium	137-1	9759600	9860656	9963599	9861285	1.03	cps
Beryllium	9-1	466453	469173	468279	467968	0.30	cps
Bismuth	209-1	7049179	7106495	7127612	7094429	0.57	cps
Bismuth	209-2	3791964	3769834	3795838	3785879	0.37	cps
Boron	11-1	537975	541429	550933	543446	1.23	cps
Boron	10-1	107808	109276	111853	109645	1.87	cps
Cadmium	106-1	103426	103904	104366	103899	0.45	cps
Cadmium	108-1	69645	70093	70592	70110	0.68	cps
Cadmium	111-1	975631	973593	977624	975616	0.21	cps
Calcium	43-1	7744	7486	7394	7541	2.41	cps
Calcium	44-1	68200	67178	67061	67479	0.93	cps
Chromium	52-2	1002660	1006730	1009227	1006206	0.33	cps
Cobalt	59-2	1666983	1677119	1677479	1673860	0.36	cps
Copper	63-2	2529883	2549051	2547564	2542166	0.42	cps
Dysprosium	156-1	192	167	158	172	10.07	cps
Dysprosium	156-2	40	60	67	56	24.98	cps
Erbium	164-1	4884	4651	4901	4812	2.91	cps
Erbium	164-2	2270	2154	2284	2236	3.20	cps
Gadolinium	160-1	517	458	475	483	6.22	cps
Gadolinium	160-2	250	227	227	234	5.75	cps
Holmium	165-1	10204644	10271988	10387054	10287895	0.90	cps
Holmium	165-2	4772570	4780723	4797438	4783577	0.27	cps
Indium	115-1	7410323	7384363	7393048	7395911	0.18	cps
Indium	115-2	1308715	1313055	1300507	1307426	0.49	cps
Iron	56-2	42522340	43088626	42550016	42720327	0.75	cps
Iron	57-2	1051857	1059889	1057197	1056314	0.39	cps
Lead	206-1	3761335	3783789	3795434	3780186	0.46	cps
Lead	207-1	3425443	3444608	3479377	3449810	0.79	cps
Lead	208-1	15320802	15495344	15535552	15450566	0.74	cps
Lithium	6-1	1306496	1314303	1322496	1314431	0.61	cps
Magnesium	24-2	1775	1750	1767	1764	0.72	cps
Manganese	55-2	1142996	1158026	1152356	1151126	0.66	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6317434	6337072	6381886	6345464	0.52	cps
Molybdenum	94-1	4736637	4759573	4796007	4764072	0.63	cps
Molybdenum	95-1	3911078	3953870	3943048	3935999	0.57	cps
Molybdenum	96-1	4632563	4650788	4677644	4653665	0.49	cps
Molybdenum	97-1	2420759	2438558	2468497	2442605	0.99	cps
Neodymium	150-1	353	340	420	371	11.55	cps
Neodymium	150-2	43	27	10	27	62.49	cps
Nickel	60-2	438896	441298	443594	441263	0.53	cps
Phosphorus	31-2	108	100	67	92	24.05	cps
Potassium	39-2	3544742	3562508	3540071	3549107	0.33	cps
Rhodium	103-1	6354173	6328088	6395344	6359202	0.53	cps
Rhodium	103-2	2858743	2869328	2863247	2863773	0.19	cps
Scandium	45-1	3607126	3602165	3605291	3604861	0.07	cps
Scandium	45-2	158106	158891	159245	158747	0.37	cps
Selenium	77-2	2334	2400	2277	2337	2.64	cps
Selenium	78-2	8034	7824	7815	7891	1.57	cps
Selenium	82-1	54650	55268	55340	55086	0.69	cps
Silicon	28-1	3689818	3691457	3705552	3695609	0.23	cps
Silver	109-1	4521933	4551740	4548473	4540715	0.36	cps
Silver	107-1	4661994	4685211	4728498	4691901	0.72	cps
Sodium	23-2	53839	55570	54342	54584	1.63	cps
Strontium	86-1	2544757	2556704	2563757	2555073	0.38	cps
Strontium	88-1	22579633	22383955	22456285	22473291	0.44	cps
Sulfur	34-1	190605	188293	189253	189384	0.61	cps
Terbium	159-1	10498038	10489097	10525227	10504121	0.18	cps
Terbium	159-2	4685835	4671125	4685710	4680890	0.18	cps
Thallium	203-1	4698459	4729200	4784154	4737271	0.92	cps
Thallium	205-1	11225901	11325057	11371902	11307620	0.66	cps
Tin	118-1	6885044	6907852	6968076	6920324	0.62	cps
Titanium	47-1	905217	909784	912087	909029	0.38	cps
Uranium	238-1	15572119	15794211	15831334	15732555	0.89	cps
Vanadium	51-2	807442	812715	812369	810842	0.36	cps
Yttrium	89-1	7142717	7202936	7228661	7191438	0.61	cps
Yttrium	89-2	973159	976600	978784	976181	0.29	cps
Zinc	66-2	327954	328125	332095	329392	0.71	cps
Zirconium	90-1	6916983	6888145	6919166	6908098	0.25	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02MSD	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:10:48	DataFile Name :	025SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1498650	1497124	1511020	1502265	0.51	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	566168	560813	565015	563999	0.50	cps
Antimony	121-1	4179521	4174950	4206015	4186829	0.40	cps
Arsenic	75-2	112579	113197	112568	112781	0.32	cps
Barium	135-1	5618355	5623839	5684766	5642320	0.65	cps
Barium	137-1	9761092	9792210	9871079	9808127	0.58	cps
Beryllium	9-1	462614	463420	460151	462062	0.37	cps
Bismuth	209-1	7192439	7217131	7260363	7223311	0.48	cps
Bismuth	209-2	3834419	3843619	3846151	3841396	0.16	cps
Boron	11-1	523374	529550	539975	530966	1.58	cps
Boron	10-1	107480	108931	111233	109215	1.73	cps
Cadmium	106-1	103955	103501	103443	103633	0.27	cps
Cadmium	108-1	68046	70562	69365	69324	1.82	cps
Cadmium	111-1	964376	960932	967195	964168	0.33	cps
Calcium	43-1	7160	6877	7619	7219	5.19	cps
Calcium	44-1	66852	67673	67706	67410	0.72	cps
Chromium	52-2	998413	997930	996972	997771	0.07	cps
Cobalt	59-2	1653706	1661273	1667701	1660893	0.42	cps
Copper	63-2	2517075	2519140	2537089	2524435	0.44	cps
Dysprosium	156-1	125	175	83	128	35.92	cps
Dysprosium	156-2	37	47	57	47	21.43	cps
Erbium	164-1	5126	4934	4476	4846	6.90	cps
Erbium	164-2	2154	2110	2154	2139	1.17	cps
Gadolinium	160-1	475	475	550	500	8.66	cps
Gadolinium	160-2	223	233	240	232	3.61	cps
Holmium	165-1	10144313	10184131	10336690	10221712	0.99	cps
Holmium	165-2	4771621	4792829	4794355	4786269	0.27	cps
Indium	115-1	7446302	7360996	7412277	7406525	0.58	cps
Indium	115-2	1306049	1317643	1312052	1311915	0.44	cps
Iron	56-2	42289847	42266169	42222570	42259529	0.08	cps
Iron	57-2	1046151	1044070	1049503	1046575	0.26	cps
Lead	206-1	3703187	3729099	3773037	3735107	0.95	cps
Lead	207-1	3358318	3384383	3428642	3390447	1.05	cps
Lead	208-1	15127996	15229208	15409464	15255556	0.93	cps
Lithium	6-1	1276670	1293326	1297860	1289285	0.87	cps
Magnesium	24-2	1684	1967	1767	1806	8.06	cps
Manganese	55-2	1143437	1142357	1138121	1141305	0.25	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6319405	6323291	6291139	6311278	0.28	cps
Molybdenum	94-1	4693990	4712791	4746353	4717711	0.56	cps
Molybdenum	95-1	3888262	3887748	3917913	3897974	0.44	cps
Molybdenum	96-1	4573312	4600154	4617916	4597127	0.49	cps
Molybdenum	97-1	2414194	2425069	2423065	2420776	0.24	cps
Neodymium	150-1	380	467	347	398	15.57	cps
Neodymium	150-2	20	23	30	24	20.83	cps
Nickel	60-2	435119	438467	437879	437155	0.41	cps
Phosphorus	31-2	133	92	150	125	24.04	cps
Potassium	39-2	3509466	3529006	3541858	3526777	0.46	cps
Rhodium	103-1	6285101	6357259	6307990	6316783	0.58	cps
Rhodium	103-2	2861719	2888292	2868299	2872770	0.48	cps
Scandium	45-1	3586256	3594551	3588832	3589880	0.12	cps
Scandium	45-2	160781	161718	159265	160588	0.77	cps
Selenium	77-2	2267	2240	2090	2199	4.33	cps
Selenium	78-2	7813	7711	7702	7742	0.80	cps
Selenium	82-1	54922	54657	54616	54731	0.30	cps
Silicon	28-1	3657994	3646731	3654219	3652982	0.16	cps
Silver	109-1	4475064	4471203	4485789	4477352	0.17	cps
Silver	107-1	4624640	4628396	4655377	4636137	0.36	cps
Sodium	23-2	50310	49466	50277	50018	0.96	cps
Strontium	86-1	2518672	2529899	2547636	2532069	0.58	cps
Strontium	88-1	22359027	22350544	22476837	22395469	0.32	cps
Sulfur	34-1	189329	186960	184353	186881	1.33	cps
Terbium	159-1	10472337	10496505	10497238	10488694	0.14	cps
Terbium	159-2	4690930	4697254	4717876	4702020	0.30	cps
Thallium	203-1	4651507	4702947	4715016	4689823	0.72	cps
Thallium	205-1	11206597	11202813	11313979	11241129	0.56	cps
Tin	118-1	6927518	6942469	6917264	6929084	0.18	cps
Titanium	47-1	900456	900235	905531	902074	0.33	cps
Uranium	238-1	15471234	15597035	15667943	15578737	0.64	cps
Vanadium	51-2	805180	808028	809289	807499	0.26	cps
Yttrium	89-1	7127719	7166253	7268682	7187551	1.01	cps
Yttrium	89-2	979888	981527	981794	981070	0.11	cps
Zinc	66-2	324898	327304	327713	326639	0.47	cps
Zirconium	90-1	6808866	6819259	6858653	6828926	0.38	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02A	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:17:46	DataFile Name :	027SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1493446	1487819	1500112	1493792	0.41	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26151	25815	26776	26247	1.86	cps
Antimony	121-1	15459	14767	14525	14917	3.25	cps
Arsenic	75-2	1037	1206	1113	1119	7.55	cps
Barium	135-1	160542	158959	158012	159171	0.80	cps
Barium	137-1	282486	279392	276441	279440	1.08	cps
Beryllium	9-1	633	622	589	615	3.76	cps
Bismuth	209-1	6933596	6916421	6948395	6932804	0.23	cps
Bismuth	209-2	3647271	3652879	3671262	3657137	0.34	cps
Boron	11-1	40605	40121	38241	39656	3.15	cps
Boron	10-1	8453	7661	7827	7980	5.23	cps
Cadmium	106-1	2284	2259	2259	2267	0.64	cps
Cadmium	108-1	46	46	75	56	30.32	cps
Cadmium	111-1	1875	1828	1774	1826	2.75	cps
Calcium	43-1	3754340	3752099	3752319	3752919	0.03	cps
Calcium	44-1	60863778	60693910	60861091	60806260	0.16	cps
Chromium	52-2	4394	4017	4257	4223	4.52	cps
Cobalt	59-2	8009	8152	8202	8121	1.24	cps
Copper	63-2	21429	21683	21890	21667	1.06	cps
Dysprosium	156-1	5635	5460	5751	5615	2.62	cps
Dysprosium	156-2	1970	2097	1990	2019	3.37	cps
Erbium	164-1	3109	3317	3201	3209	3.25	cps
Erbium	164-2	1430	1443	1377	1417	2.49	cps
Gadolinium	160-1	3376	3484	3359	3406	1.99	cps
Gadolinium	160-2	1800	1770	1977	1849	6.04	cps
Holmium	165-1	10210263	10263358	10335477	10269699	0.61	cps
Holmium	165-2	4730227	4755933	4796362	4760841	0.70	cps
Indium	115-1	7285483	7344162	7434362	7354669	1.02	cps
Indium	115-2	1305613	1315100	1305948	1308887	0.41	cps
Iron	56-2	5198958	5204293	5209469	5204240	0.10	cps
Iron	57-2	134729	134174	134769	134557	0.25	cps
Lead	206-1	11533	11372	11689	11531	1.37	cps
Lead	207-1	9465	9409	9698	9524	1.61	cps
Lead	208-1	44202	43935	45537	44558	1.93	cps
Lithium	6-1	1257019	1269034	1263553	1263202	0.48	cps
Magnesium	24-2	3831727	3843406	3841249	3838794	0.16	cps
Manganese	55-2	3737908	3758870	3745671	3747483	0.28	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12923	12489	12214	12542	2.85	cps
Molybdenum	94-1	10930	10012	10337	10427	4.46	cps
Molybdenum	95-1	8044	7727	8028	7933	2.25	cps
Molybdenum	96-1	9587	9871	9170	9543	3.69	cps
Molybdenum	97-1	5260	4984	5018	5087	2.95	cps
Neodymium	150-1	7329	7396	7195	7307	1.39	cps
Neodymium	150-2	2674	2637	2724	2678	1.63	cps
Nickel	60-2	3917	3987	3794	3899	2.51	cps
Phosphorus	31-2	258	475	375	369	29.35	cps
Potassium	39-2	373346	370723	372405	372158	0.36	cps
Rhodium	103-1	6195067	6199455	6183404	6192642	0.13	cps
Rhodium	103-2	2769846	2773287	2779395	2774176	0.17	cps
Scandium	45-1	3550404	3544022	3537291	3543906	0.19	cps
Scandium	45-2	156436	157634	156408	156826	0.45	cps
Selenium	77-2	13	17	33	21	50.75	cps
Selenium	78-2	57	54	69	60	12.88	cps
Selenium	82-1	109	345	192	215	55.74	cps
Silicon	28-1	13980585	13996419	14021561	13999522	0.15	cps
Silver	109-1	3567	3217	3317	3367	5.36	cps
Silver	107-1	3717	3667	3284	3556	6.67	cps
Sodium	23-2	14549081	14560941	14444262	14518095	0.44	cps
Strontium	86-1	2317313	2321290	2332248	2323617	0.33	cps
Strontium	88-1	20612309	20703369	20679361	20665013	0.23	cps
Sulfur	34-1	300265	300874	303001	301380	0.48	cps
Terbium	159-1	10439595	10539232	10519118	10499315	0.50	cps
Terbium	159-2	4627464	4669874	4659543	4652293	0.48	cps
Thallium	203-1	942	1000	592	845	26.15	cps
Thallium	205-1	2217	1800	1509	1842	19.33	cps
Tin	118-1	21501	20199	20357	20685	3.43	cps
Titanium	47-1	7119	7302	6969	7130	2.34	cps
Uranium	238-1	55661	53184	53252	54033	2.61	cps
Vanadium	51-2	3107	2984	3047	3046	2.03	cps
Yttrium	89-1	7164482	7252842	7223765	7213696	0.62	cps
Yttrium	89-2	976752	977438	978568	977586	0.09	cps
Zinc	66-2	5174	4938	4704	4939	4.76	cps
Zirconium	90-1	17178	17208	15242	16543	6.81	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402R	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:21:11	DataFile Name :	028SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3934	3551	3576	3687	5.82	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3690061	3703275	3709932	3701089	0.27	cps
Antimony	121-1	4860576	4844871	4879845	4861764	0.36	cps
Arsenic	75-2	134528	135238	135287	135017	0.31	cps
Barium	135-1	5859246	5847934	5833137	5846772	0.22	cps
Barium	137-1	10032337	10084330	10153500	10090056	0.60	cps
Beryllium	9-1	594196	598809	602678	598561	0.71	cps
Bismuth	209-1	6422243	6433942	6438229	6431471	0.13	cps
Bismuth	209-2	3585258	3617893	3614168	3605773	0.50	cps
Boron	11-1	343367	348662	351986	348005	1.25	cps
Boron	10-1	71184	73454	72214	72284	1.57	cps
Cadmium	106-1	108622	108487	107766	108292	0.43	cps
Cadmium	108-1	71215	70859	71625	71233	0.54	cps
Cadmium	111-1	991839	991936	988643	990806	0.19	cps
Calcium	43-1	5821953	5867352	5907498	5865601	0.73	cps
Calcium	44-1	93142252	94067948	94048477	93752892	0.56	cps
Chromium	52-2	1197161	1203481	1204379	1201674	0.33	cps
Cobalt	59-2	1871055	1876950	1877195	1875067	0.19	cps
Copper	63-2	2589837	2607198	2628377	2608471	0.74	cps
Dysprosium	156-1	225	158	175	186	18.64	cps
Dysprosium	156-2	77	93	87	86	9.81	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	27	30	17	24	28.38	cps
Gadolinium	160-1	92	100	108	100	8.33	cps
Gadolinium	160-2	77	90	127	98	26.48	cps
Holmium	165-1	10275820	10290517	10307891	10291409	0.16	cps
Holmium	165-2	5035580	5033905	5039792	5036426	0.06	cps
Indium	115-1	7434673	7516872	7432771	7461439	0.64	cps
Indium	115-2	1398536	1405616	1409273	1404475	0.39	cps
Iron	56-2	237487239	236263755	236747516	236832837	0.26	cps
Iron	57-2	5870051	5891648	5893652	5885117	0.22	cps
Lead	206-1	3666199	3684959	3686751	3679303	0.31	cps
Lead	207-1	3335195	3356361	3362337	3351298	0.43	cps
Lead	208-1	14965699	15084011	15097531	15049081	0.48	cps
Lithium	6-1	1274993	1280239	1276310	1277181	0.21	cps
Magnesium	24-2	42045330	42274171	42344016	42221172	0.37	cps
Manganese	55-2	1347366	1346856	1351969	1348731	0.21	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3460766	3482620	3453370	3465586	0.44	cps
Molybdenum	94-1	3828149	3822899	3831814	3827621	0.12	cps
Molybdenum	95-1	2128629	2128115	2131345	2129363	0.08	cps
Molybdenum	96-1	2714358	2728162	2729304	2723942	0.31	cps
Molybdenum	97-1	1323619	1328794	1323829	1325414	0.22	cps
Neodymium	150-1	400	413	453	422	6.57	cps
Neodymium	150-2	73	33	50	52	38.48	cps
Nickel	60-2	486145	487194	490963	488101	0.52	cps
Phosphorus	31-2	37958	38075	38551	38194	0.82	cps
Potassium	39-2	21510814	21777950	21745766	21678177	0.67	cps
Rhodium	103-1	6396011	6403865	6301765	6367214	0.89	cps
Rhodium	103-2	2891956	2902730	2912148	2902278	0.35	cps
Scandium	45-1	4243585	4254076	4253106	4250255	0.14	cps
Scandium	45-2	194792	195015	194616	194807	0.10	cps
Selenium	77-2	2824	2620	2657	2700	4.01	cps
Selenium	78-2	8927	9205	8812	8981	2.25	cps
Selenium	82-1	59372	59211	59078	59220	0.25	cps
Silicon	28-1	2569745	2575881	2588449	2578025	0.37	cps
Silver	109-1	4746587	4735704	4754024	4745438	0.19	cps
Silver	107-1	4924262	4937785	4916570	4926206	0.22	cps
Sodium	23-2	80148754	80649293	80597012	80465020	0.34	cps
Strontium	86-1	1420829	1419804	1419678	1420104	0.04	cps
Strontium	88-1	12594224	12569336	12438216	12533925	0.67	cps
Sulfur	34-1	545290	552334	553436	550353	0.80	cps
Terbium	159-1	10616035	10590256	10505524	10570605	0.55	cps
Terbium	159-2	4913687	4931329	4974643	4939886	0.63	cps
Thallium	203-1	4563380	4511524	4554962	4543288	0.61	cps
Thallium	205-1	10987835	10954743	10931547	10958041	0.26	cps
Tin	118-1	3619243	3629034	3639534	3629270	0.28	cps
Titanium	47-1	544738	549680	547756	547391	0.46	cps
Uranium	238-1	15932686	15934094	16037005	15967928	0.37	cps
Vanadium	51-2	997473	1003269	1001987	1000910	0.30	cps
Yttrium	89-1	7822763	7815415	7808984	7815721	0.09	cps
Yttrium	89-2	1102755	1098556	1106472	1102594	0.36	cps
Zinc	66-2	351268	352321	349487	351025	0.41	cps
Zirconium	90-1	7298257	7226438	7250443	7258380	0.50	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P7
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:32:44	DataFile Name :	031CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1585961	1568807	1561337	1572035	0.80	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	67	75	19.24	cps
Antimony	121-1	8228	8003	7627	7953	3.81	cps
Arsenic	75-2	54	52	74	60	20.60	cps
Barium	135-1	175	167	192	178	7.16	cps
Barium	137-1	308	350	308	322	7.47	cps
Beryllium	9-1	817	772	678	756	9.39	cps
Bismuth	209-1	6994810	7083045	7099627	7059161	0.80	cps
Bismuth	209-2	3948009	4001551	3991042	3980201	0.71	cps
Boron	11-1	18545	17686	17578	17936	2.96	cps
Boron	10-1	3809	3509	3809	3709	4.67	cps
Cadmium	106-1	2284	2334	2325	2314	1.16	cps
Cadmium	108-1	4	0	17	7	124.88	cps
Cadmium	111-1	1646	1684	1654	1661	1.21	cps
Calcium	43-1	308	258	333	300	12.73	cps
Calcium	44-1	8186	8028	7594	7936	3.86	cps
Chromium	52-2	493	527	597	539	9.79	cps
Cobalt	59-2	200	227	213	213	6.25	cps
Copper	63-2	2154	2010	1934	2032	5.50	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	53	57	57	56	3.47	cps
Holmium	165-1	10541225	10594387	10568250	10567954	0.25	cps
Holmium	165-2	5084189	5129230	5154233	5122550	0.69	cps
Indium	115-1	7993263	7928856	7958592	7960237	0.40	cps
Indium	115-2	1489289	1492333	1494377	1492000	0.17	cps
Iron	56-2	15242	16443	15831	15839	3.79	cps
Iron	57-2	517	411	383	437	16.10	cps
Lead	206-1	1795	1906	1667	1789	6.68	cps
Lead	207-1	1445	1528	1572	1515	4.28	cps
Lead	208-1	7240	7184	6856	7094	2.92	cps
Lithium	6-1	1324049	1331791	1332512	1329451	0.35	cps
Magnesium	24-2	1217	1475	1450	1381	10.32	cps
Manganese	55-2	210	203	187	200	6.01	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1475	1367	1500	1447	4.90	cps
Molybdenum	94-1	1433	1492	1458	1461	2.00	cps
Molybdenum	95-1	883	950	942	925	3.93	cps
Molybdenum	96-1	1233	1175	950	1120	13.37	cps
Molybdenum	97-1	642	592	658	631	5.50	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	287	313	316	9.53	cps
Phosphorus	31-2	117	158	125	133	16.54	cps
Potassium	39-2	27994	27334	28361	27896	1.87	cps
Rhodium	103-1	7019130	7064277	6956608	7013338	0.77	cps
Rhodium	103-2	3197003	3203657	3196644	3199102	0.12	cps
Scandium	45-1	4252673	4237304	4227123	4239033	0.30	cps
Scandium	45-2	190585	193508	193157	192417	0.83	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	78	65	57	67	15.46	cps
Selenium	82-1	99	-146	82	12	1147.77	cps
Silicon	28-1	241795	241261	242920	241992	0.35	cps
Silver	109-1	1025	875	958	953	7.89	cps
Silver	107-1	1100	1108	975	1061	7.04	cps
Sodium	23-2	26508	25998	24571	25692	3.91	cps
Strontium	86-1	1825	1609	1634	1689	7.02	cps
Strontium	88-1	742	625	483	617	20.98	cps
Sulfur	34-1	233510	231303	232062	232292	0.48	cps
Terbium	159-1	10837455	10681119	10908715	10809096	1.08	cps
Terbium	159-2	5033809	5035090	5028367	5032422	0.07	cps
Thallium	203-1	850	800	792	814	3.88	cps
Thallium	205-1	2034	1792	1684	1836	9.76	cps
Tin	118-1	4418	4518	3984	4306	6.59	cps
Titanium	47-1	133	108	167	136	21.50	cps
Uranium	238-1	900	750	683	778	14.27	cps
Vanadium	51-2	27	60	17	34	65.86	cps
Yttrium	89-1	7932424	7892472	7926006	7916967	0.27	cps
Yttrium	89-2	1117419	1125520	1121567	1121502	0.36	cps
Zinc	66-2	263	260	203	242	13.92	cps
Zirconium	90-1	2600	2559	2692	2617	2.61	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P7
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:37:37	DataFile Name :	032CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	517	517	600	24.06	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	67	64	7.53	cps
Antimony	121-1	4234	3959	4318	4170	4.50	cps
Arsenic	75-2	46	54	31	44	25.82	cps
Barium	135-1	142	150	117	136	12.75	cps
Barium	137-1	233	175	167	192	18.95	cps
Beryllium	9-1	511	589	544	548	7.12	cps
Bismuth	209-1	6906800	6859400	6987690	6917963	0.94	cps
Bismuth	209-2	3847771	3831193	3848191	3842385	0.25	cps
Boron	11-1	12189	12147	11930	12089	1.15	cps
Boron	10-1	2642	2450	2484	2525	4.06	cps
Cadmium	106-1	2600	2400	2284	2428	6.60	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	1846	1702	1631	1727	6.33	cps
Calcium	43-1	275	325	267	289	10.92	cps
Calcium	44-1	7619	7261	6927	7269	4.76	cps
Chromium	52-2	657	737	540	644	15.35	cps
Cobalt	59-2	147	100	180	142	28.25	cps
Copper	63-2	2477	2487	2530	2498	1.13	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	60	107	60	76	35.66	cps
Holmium	165-1	10308193	10401752	10490288	10400078	0.88	cps
Holmium	165-2	5043424	5058180	5067974	5056526	0.24	cps
Indium	115-1	7867478	7816594	7924637	7869570	0.69	cps
Indium	115-2	1464741	1473768	1470810	1469773	0.31	cps
Iron	56-2	11471	11510	11194	11392	1.52	cps
Iron	57-2	411	322	439	391	15.60	cps
Lead	206-1	1228	1206	1161	1198	2.83	cps
Lead	207-1	1217	1095	1089	1133	6.37	cps
Lead	208-1	5523	5256	5001	5260	4.97	cps
Lithium	6-1	1309649	1307873	1315017	1310846	0.28	cps
Magnesium	24-2	1108	1275	1350	1245	9.94	cps
Manganese	55-2	147	167	170	161	7.83	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	775	717	917	803	12.81	cps
Molybdenum	94-1	1192	1067	1225	1161	7.19	cps
Molybdenum	95-1	525	383	517	475	16.74	cps
Molybdenum	96-1	608	700	692	667	7.60	cps
Molybdenum	97-1	383	300	367	350	12.60	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	317	327	303	316	3.71	cps
Phosphorus	31-2	133	150	150	144	6.66	cps
Potassium	39-2	29071	28762	28395	28743	1.18	cps
Rhodium	103-1	6868330	6925154	7048504	6947329	1.33	cps
Rhodium	103-2	3159506	3139221	3165264	3154664	0.43	cps
Scandium	45-1	4158547	4151036	4185660	4165081	0.44	cps
Scandium	45-2	185605	186150	186180	185979	0.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	61	35	56	51	26.96	cps
Selenium	82-1	37	-19	-46	-9	-460.68	cps
Silicon	28-1	237186	235241	235547	235992	0.44	cps
Silver	109-1	1567	1125	1592	1428	18.39	cps
Silver	107-1	1308	1667	1567	1514	12.21	cps
Sodium	23-2	28428	28996	28136	28520	1.53	cps
Strontium	86-1	1475	1584	1700	1586	7.09	cps
Strontium	88-1	500	433	450	461	7.52	cps
Sulfur	34-1	228994	231412	228331	229579	0.71	cps
Terbium	159-1	10695901	10694369	10853282	10747851	0.85	cps
Terbium	159-2	4957738	4961591	4950848	4956726	0.11	cps
Thallium	203-1	817	858	500	725	27.03	cps
Thallium	205-1	1825	1717	1225	1589	20.13	cps
Tin	118-1	3317	2892	3017	3075	7.10	cps
Titanium	47-1	100	258	83	147	65.61	cps
Uranium	238-1	367	375	358	367	2.27	cps
Vanadium	51-2	17	40	33	30	40.05	cps
Yttrium	89-1	7858605	7769465	7860162	7829411	0.66	cps
Yttrium	89-2	1099456	1094899	1095982	1096779	0.22	cps
Zinc	66-2	373	360	383	372	3.14	cps
Zirconium	90-1	2375	2384	2175	2311	5.10	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:41:05	DataFile Name :	033SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	575	508	575	553	6.96	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:44:33	DataFile Name :	034SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	142	33	78	72.93	cps
Antimony	121-1	2509	2642	2617	2589	2.74	cps
Arsenic	75-2	43	15	20	26	56.70	cps
Barium	135-1	83	117	58	86	33.98	cps
Barium	137-1	125	208	208	181	26.65	cps
Beryllium	9-1	511	439	589	513	14.62	cps
Bismuth	209-1	6857714	6891655	6894276	6881215	0.30	cps
Bismuth	209-2	3862486	3819261	3844965	3842238	0.57	cps
Boron	11-1	8761	8578	9095	8811	2.97	cps
Boron	10-1	1967	1900	1917	1928	1.80	cps
Cadmium	106-1	2492	2409	2217	2373	5.94	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Cadmium	111-1	1802	1701	1568	1690	6.95	cps
Calcium	43-1	250	292	350	297	16.90	cps
Calcium	44-1	7544	7761	7452	7586	2.09	cps
Chromium	52-2	613	690	663	656	5.94	cps
Cobalt	59-2	153	130	107	130	17.95	cps
Copper	63-2	2637	2514	2707	2619	3.74	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	58	25	33	66.14	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	92	42	53	65.74	cps
Gadolinium	160-2	67	57	53	59	11.79	cps
Holmium	165-1	10421260	10384009	10500042	10435104	0.57	cps
Holmium	165-2	5060522	5012066	5042935	5038508	0.49	cps
Indium	115-1	7819609	7861809	7873409	7851609	0.36	cps
Indium	115-2	1461765	1458264	1459033	1459687	0.13	cps
Iron	56-2	9687	10732	10371	10263	5.17	cps
Iron	57-2	328	456	356	380	17.70	cps
Lead	206-1	1006	1117	922	1015	9.61	cps
Lead	207-1	1061	900	895	952	9.95	cps
Lead	208-1	4223	4462	3895	4193	6.79	cps
Lithium	6-1	1299685	1307347	1300323	1302452	0.33	cps
Magnesium	24-2	1125	1075	1067	1089	2.90	cps
Manganese	55-2	140	147	217	168	25.31	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:44:33	DataFile Name :	034SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	542	583	475	533	10.25	cps
Molybdenum	94-1	942	1017	942	967	4.48	cps
Molybdenum	95-1	217	392	367	325	29.12	cps
Molybdenum	96-1	442	533	492	489	9.39	cps
Molybdenum	97-1	183	267	233	228	18.41	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	317	230	283	277	15.80	cps
Phosphorus	31-2	117	167	58	114	47.61	cps
Potassium	39-2	27468	28612	28211	28097	2.07	cps
Rhodium	103-1	6859874	6953110	6868040	6893675	0.75	cps
Rhodium	103-2	3143293	3127444	3129259	3133332	0.28	cps
Scandium	45-1	4107211	4128618	4108232	4114687	0.29	cps
Scandium	45-2	187061	184243	185954	185753	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	57	63	52	57	9.68	cps
Selenium	82-1	16	52	3	24	108.07	cps
Silicon	28-1	230704	232277	233431	232137	0.59	cps
Silver	109-1	1400	1208	1467	1358	9.87	cps
Silver	107-1	1467	1333	1342	1381	5.41	cps
Sodium	23-2	26366	25965	26983	26438	1.94	cps
Strontium	86-1	1817	1625	1600	1681	7.05	cps
Strontium	88-1	317	517	575	469	28.86	cps
Sulfur	34-1	227369	227259	225913	226847	0.36	cps
Terbium	159-1	10578583	10755299	10735353	10689745	0.91	cps
Terbium	159-2	4966625	4933772	4954876	4951757	0.34	cps
Thallium	203-1	267	267	242	258	5.59	cps
Thallium	205-1	825	667	650	714	13.53	cps
Tin	118-1	2359	2334	2417	2370	1.81	cps
Titanium	47-1	142	117	125	128	9.96	cps
Uranium	238-1	283	325	233	281	16.36	cps
Vanadium	51-2	47	37	20	34	39.11	cps
Yttrium	89-1	7744829	7830401	7787505	7787578	0.55	cps
Yttrium	89-2	1095361	1085113	1082988	1087821	0.61	cps
Zinc	66-2	407	330	277	338	19.35	cps
Zirconium	90-1	2025	2075	2125	2075	2.41	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:44:33	DataFile Name :	034SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	408	483	486	16.29	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	92	92	64	75.31	cps
Antimony	121-1	1433	1417	1533	1461	4.32	cps
Arsenic	75-2	19	22	9	17	40.05	cps
Barium	135-1	125	58	142	108	40.70	cps
Barium	137-1	167	100	108	125	29.06	cps
Beryllium	9-1	439	467	472	459	3.89	cps
Bismuth	209-1	6950322	6950443	6921146	6940637	0.24	cps
Bismuth	209-2	3854934	3867929	3884391	3869085	0.38	cps
Boron	11-1	7519	6860	6293	6891	8.90	cps
Boron	10-1	1250	1700	1558	1503	15.31	cps
Cadmium	106-1	2400	2084	2100	2195	8.12	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Cadmium	111-1	1680	1478	1467	1541	7.78	cps
Calcium	43-1	208	275	242	242	13.79	cps
Calcium	44-1	6177	6252	6193	6207	0.63	cps
Chromium	52-2	537	467	487	497	7.26	cps
Cobalt	59-2	120	130	143	131	8.93	cps
Copper	63-2	1697	1857	1770	1775	4.51	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	57	50	77	61	22.71	cps
Holmium	165-1	10461993	10441003	10329409	10410802	0.68	cps
Holmium	165-2	4949106	4996195	5059601	5001634	1.11	cps
Indium	115-1	7780573	7729195	7736498	7748755	0.36	cps
Indium	115-2	1428587	1455343	1451912	1445281	1.01	cps
Iron	56-2	9086	8836	8981	8968	1.40	cps
Iron	57-2	289	289	272	283	3.40	cps
Lead	206-1	1450	1339	1406	1398	4.00	cps
Lead	207-1	1339	1195	1122	1219	9.05	cps
Lead	208-1	5584	5145	5095	5275	5.10	cps
Lithium	6-1	1305369	1304529	1303584	1304494	0.07	cps
Magnesium	24-2	1200	1083	1075	1120	6.24	cps
Manganese	55-2	203	123	150	159	25.64	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	392	467	342	400	15.73	cps
Molybdenum	94-1	633	483	608	575	13.98	cps
Molybdenum	95-1	233	183	250	222	15.61	cps
Molybdenum	96-1	458	325	350	378	18.76	cps
Molybdenum	97-1	158	133	175	156	13.48	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	283	273	282	2.97	cps
Phosphorus	31-2	83	67	133	94	36.73	cps
Potassium	39-2	25498	25464	25690	25551	0.48	cps
Rhodium	103-1	6799811	6852528	6787930	6813423	0.50	cps
Rhodium	103-2	3093551	3112210	3105341	3103700	0.30	cps
Scandium	45-1	4079479	4075372	4000635	4051829	1.10	cps
Scandium	45-2	183747	183437	183885	183689	0.12	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	57	54	39	50	19.60	cps
Selenium	82-1	116	-24	-61	11	873.48	cps
Silicon	28-1	227244	223377	227311	225977	1.00	cps
Silver	109-1	783	717	700	733	6.01	cps
Silver	107-1	758	875	675	769	13.06	cps
Sodium	23-2	21057	21474	21057	21196	1.14	cps
Strontium	86-1	1508	1642	1508	1553	4.96	cps
Strontium	88-1	467	375	350	397	15.46	cps
Sulfur	34-1	227968	227502	226322	227264	0.37	cps
Terbium	159-1	10626164	10690471	10599497	10638710	0.44	cps
Terbium	159-2	4881343	4911151	4937142	4909879	0.57	cps
Thallium	203-1	175	200	217	197	10.63	cps
Thallium	205-1	483	450	533	489	8.58	cps
Tin	118-1	1967	2084	1850	1967	5.93	cps
Titanium	47-1	100	100	67	89	21.65	cps
Uranium	238-1	233	183	158	192	19.93	cps
Vanadium	51-2	17	23	33	24	34.31	cps
Yttrium	89-1	7736412	7715949	7711392	7721251	0.17	cps
Yttrium	89-2	1069928	1079727	1083833	1077829	0.66	cps
Zinc	66-2	163	230	243	212	20.20	cps
Zirconium	90-1	1333	1292	1358	1328	2.54	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-02LDLX100	Instrumnet Name :	P7
Client Sample ID :	SP17-GMZ5-ER1LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-07-05 14:48:01	DataFile Name :	035SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	233	333	322	26.04	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1784	1717	1772	2.87	cps
Antimony	121-1	1650	1508	1975	1711	13.98	cps
Arsenic	75-2	94	56	72	74	26.34	cps
Barium	135-1	8345	8278	8436	8353	0.95	cps
Barium	137-1	14500	14516	13991	14336	2.08	cps
Beryllium	9-1	378	333	472	394	17.98	cps
Bismuth	209-1	6959340	6925958	6953632	6946310	0.26	cps
Bismuth	209-2	3820254	3819855	3847158	3829089	0.41	cps
Boron	11-1	6543	6552	5910	6335	5.81	cps
Boron	10-1	1333	1317	1467	1372	5.99	cps
Cadmium	106-1	2059	2384	2684	2375	13.16	cps
Cadmium	108-1	33	4	13	17	90.12	cps
Cadmium	111-1	1434	1691	1903	1676	14.01	cps
Calcium	43-1	211955	210865	212048	211623	0.31	cps
Calcium	44-1	3470376	3480060	3454993	3468476	0.36	cps
Chromium	52-2	767	767	850	794	6.06	cps
Cobalt	59-2	543	517	653	571	12.69	cps
Copper	63-2	2564	2724	2837	2708	5.07	cps
Dysprosium	156-1	317	300	242	286	13.76	cps
Dysprosium	156-2	100	133	140	124	17.22	cps
Erbium	164-1	150	242	192	194	23.60	cps
Erbium	164-2	100	73	80	84	16.44	cps
Gadolinium	160-1	250	283	275	269	6.44	cps
Gadolinium	160-2	157	123	153	144	12.71	cps
Holmium	165-1	10424900	10569436	10448363	10480900	0.74	cps
Holmium	165-2	5004550	4992031	5015518	5004033	0.23	cps
Indium	115-1	7769637	7817048	7820507	7802397	0.36	cps
Indium	115-2	1447139	1437742	1445830	1443570	0.35	cps
Iron	56-2	302467	302303	299625	301465	0.53	cps
Iron	57-2	8253	8164	8097	8171	0.96	cps
Lead	206-1	1439	1245	1322	1335	7.33	cps
Lead	207-1	1406	1245	1117	1256	11.53	cps
Lead	208-1	5990	5567	5656	5738	3.88	cps
Lithium	6-1	1307319	1315542	1304059	1308974	0.45	cps
Magnesium	24-2	228006	228911	229380	228766	0.31	cps
Manganese	55-2	213465	215733	215598	214932	0.59	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	883	842	1025	917	10.48	cps
Molybdenum	94-1	1083	1400	1167	1217	13.49	cps
Molybdenum	95-1	558	508	525	531	4.80	cps
Molybdenum	96-1	750	692	733	725	4.14	cps
Molybdenum	97-1	433	367	367	389	9.90	cps
Neodymium	150-1	380	420	353	384	8.73	cps
Neodymium	150-2	150	127	160	146	11.75	cps
Nickel	60-2	547	510	433	497	11.64	cps
Phosphorus	31-2	125	200	142	156	25.32	cps
Potassium	39-2	46290	48540	47736	47522	2.40	cps
Rhodium	103-1	6848005	6829232	6834326	6837188	0.14	cps
Rhodium	103-2	3097753	3085181	3098600	3093845	0.24	cps
Scandium	45-1	4093713	4079235	4051898	4074949	0.52	cps
Scandium	45-2	184239	183106	184462	183936	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	52	57	59	12.77	cps
Selenium	82-1	80	-86	-12	-6	-1340.66	cps
Silicon	28-1	1161925	1167645	1162137	1163902	0.28	cps
Silver	109-1	975	1142	1117	1078	8.34	cps
Silver	107-1	1208	1275	1333	1272	4.92	cps
Sodium	23-2	872181	869775	875845	872601	0.35	cps
Strontium	86-1	123966	125478	125411	124951	0.68	cps
Strontium	88-1	1085514	1088608	1083680	1085934	0.23	cps
Sulfur	34-1	239649	236296	237141	237695	0.73	cps
Terbium	159-1	10788064	10731942	10666736	10728914	0.57	cps
Terbium	159-2	4924689	4891029	4914531	4910083	0.35	cps
Thallium	203-1	242	283	208	244	15.37	cps
Thallium	205-1	433	533	417	461	13.68	cps
Tin	118-1	2034	1925	1934	1964	3.07	cps
Titanium	47-1	583	550	417	517	17.07	cps
Uranium	238-1	2867	2517	2542	2642	7.39	cps
Vanadium	51-2	147	200	187	178	15.61	cps
Yttrium	89-1	7722588	7761823	7678742	7721051	0.54	cps
Yttrium	89-2	1084999	1071811	1084431	1080414	0.69	cps
Zinc	66-2	403	360	457	407	11.91	cps
Zirconium	90-1	2575	2625	2459	2553	3.35	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I3585-09DLX20	Instrumnet Name :	P7
Client Sample ID :	SP17-MMW3402RDL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 14:51:30	DataFile Name :	036SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	508	692	606	15.22	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3392	3776	3125	3431	9.53	cps
Antimony	121-1	1667	1792	1959	1806	8.10	cps
Arsenic	75-2	48	26	28	34	36.31	cps
Barium	135-1	2042	1784	2134	1986	9.14	cps
Barium	137-1	3451	3342	3334	3376	1.93	cps
Beryllium	9-1	367	444	306	372	18.70	cps
Bismuth	209-1	7950035	7856834	7495337	7767402	3.09	cps
Bismuth	209-2	4239427	4254558	4263995	4252660	0.29	cps
Boron	11-1	7185	7035	6827	7016	2.57	cps
Boron	10-1	1567	1450	1475	1497	4.10	cps
Cadmium	106-1	2509	2750	2667	2642	4.65	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Cadmium	111-1	1764	1940	1892	1866	4.87	cps
Calcium	43-1	4709	4934	4876	4840	2.41	cps
Calcium	44-1	80771	80133	79957	80287	0.53	cps
Chromium	52-2	1003	997	947	982	3.15	cps
Cobalt	59-2	137	157	137	143	8.06	cps
Copper	63-2	1880	1850	1833	1855	1.27	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	23	13	20	19	26.96	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	93	73	73	80	14.44	cps
Holmium	165-1	11670686	11667023	11369524	11569078	1.49	cps
Holmium	165-2	5425168	5400136	5442575	5422627	0.39	cps
Indium	115-1	8738110	8709582	8376384	8608025	2.34	cps
Indium	115-2	1564595	1553279	1584418	1567431	1.01	cps
Iron	56-2	13873	14563	13985	14140	2.62	cps
Iron	57-2	472	411	472	452	7.81	cps
Lead	206-1	2862	3028	2984	2958	2.92	cps
Lead	207-1	2500	2561	2511	2524	1.29	cps
Lead	208-1	11625	11491	11458	11525	0.77	cps
Lithium	6-1	1471816	1459878	1419316	1450337	1.90	cps
Magnesium	24-2	2859	2792	2425	2692	8.67	cps
Manganese	55-2	377	363	447	396	11.32	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1075	1025	1125	1075	4.65	cps
Molybdenum	94-1	658	642	742	681	7.87	cps
Molybdenum	95-1	783	650	583	672	15.15	cps
Molybdenum	96-1	950	708	717	792	17.33	cps
Molybdenum	97-1	425	375	308	369	15.84	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	330	350	320	333	4.58	cps
Phosphorus	31-2	225	92	142	153	44.09	cps
Potassium	39-2	27468	27777	28637	27961	2.17	cps
Rhodium	103-1	7711404	7619465	7403257	7578042	2.09	cps
Rhodium	103-2	3381921	3348871	3385821	3372204	0.60	cps
Scandium	45-1	4623400	4574700	4347066	4515055	3.27	cps
Scandium	45-2	199544	199770	200774	200029	0.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	44	54	72	57	24.91	cps
Selenium	82-1	10	25	-14	7	276.53	cps
Silicon	28-1	1445192	1426454	1420892	1430846	0.89	cps
Silver	109-1	658	442	558	553	19.62	cps
Silver	107-1	742	733	617	697	10.02	cps
Sodium	23-2	154302	153966	154489	154252	0.17	cps
Strontium	86-1	6077	6193	5918	6063	2.28	cps
Strontium	88-1	40433	40692	39589	40238	1.43	cps
Sulfur	34-1	226269	223631	229416	226438	1.28	cps
Terbium	159-1	12027802	11710788	11469252	11735947	2.39	cps
Terbium	159-2	5316193	5304088	5381193	5333825	0.78	cps
Thallium	203-1	100	83	192	125	46.67	cps
Thallium	205-1	325	442	333	367	17.75	cps
Tin	118-1	40216	38320	39908	39481	2.58	cps
Titanium	47-1	192	192	158	181	10.66	cps
Uranium	238-1	250	233	217	233	7.14	cps
Vanadium	51-2	127	133	110	123	9.75	cps
Yttrium	89-1	8598009	8574672	8343619	8505434	1.65	cps
Yttrium	89-2	1164209	1158662	1172016	1164962	0.58	cps
Zinc	66-2	1707	1683	1607	1666	3.14	cps
Zirconium	90-1	1008	708	992	903	18.68	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4004-06	Instrumnet Name :	P7
Client Sample ID :	CIY-FB062917	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:54:59	DataFile Name :	037SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	175	192	11.50	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3658298	3693923	3710785	3687668	0.73	cps
Antimony	121-1	4574452	4602842	4616723	4598006	0.47	cps
Arsenic	75-2	132676	133063	132822	132854	0.15	cps
Barium	135-1	5672907	5683280	5692057	5682748	0.17	cps
Barium	137-1	9854041	9861046	9924169	9879752	0.39	cps
Beryllium	9-1	594502	593316	590323	592714	0.36	cps
Bismuth	209-1	6293190	6308470	6329600	6310420	0.29	cps
Bismuth	209-2	3559999	3597422	3569770	3575730	0.54	cps
Boron	11-1	320089	323116	330354	324519	1.63	cps
Boron	10-1	65877	67736	68472	67362	1.99	cps
Cadmium	106-1	105305	106163	105332	105600	0.46	cps
Cadmium	108-1	69549	69842	69880	69757	0.26	cps
Cadmium	111-1	960798	974678	968391	967955	0.72	cps
Calcium	43-1	5602115	5670234	5677270	5649873	0.73	cps
Calcium	44-1	90510504	91181529	91355806	91015946	0.49	cps
Chromium	52-2	1175549	1185156	1191934	1184213	0.70	cps
Cobalt	59-2	1832000	1846104	1861299	1846468	0.79	cps
Copper	63-2	2544959	2565608	2570522	2560363	0.53	cps
Dysprosium	156-1	192	183	175	183	4.55	cps
Dysprosium	156-2	63	67	67	66	2.94	cps
Erbium	164-1	33	92	58	61	47.88	cps
Erbium	164-2	7	23	37	22	67.63	cps
Gadolinium	160-1	75	92	125	97	26.19	cps
Gadolinium	160-2	97	130	87	104	21.72	cps
Holmium	165-1	10158932	10170900	10176372	10168735	0.09	cps
Holmium	165-2	4993775	5020685	4989520	5001327	0.34	cps
Indium	115-1	7289028	7301892	7293447	7294789	0.09	cps
Indium	115-2	1388003	1390008	1397146	1391719	0.35	cps
Iron	56-2	232510322	233059550	235734244	233768039	0.74	cps
Iron	57-2	5824222	5855522	5855632	5845125	0.31	cps
Lead	206-1	3612836	3622974	3633588	3623133	0.29	cps
Lead	207-1	3292895	3287351	3306291	3295512	0.30	cps
Lead	208-1	14832503	14825262	14961755	14873173	0.52	cps
Lithium	6-1	1273360	1278491	1280849	1277566	0.30	cps
Magnesium	24-2	41605128	42023449	42220495	41949691	0.75	cps
Manganese	55-2	1326447	1332736	1338666	1332616	0.46	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3366180	3380509	3383902	3376863	0.28	cps
Molybdenum	94-1	3748987	3710009	3748331	3735776	0.60	cps
Molybdenum	95-1	2070138	2065667	2085132	2073646	0.49	cps
Molybdenum	96-1	2646118	2647693	2690514	2661442	0.95	cps
Molybdenum	97-1	1291607	1290351	1311391	1297783	0.91	cps
Neodymium	150-1	440	447	353	413	12.60	cps
Neodymium	150-2	70	63	67	67	5.00	cps
Nickel	60-2	476490	476727	480751	477989	0.50	cps
Phosphorus	31-2	37072	38868	36863	37601	2.93	cps
Potassium	39-2	21370308	21527634	21633173	21510372	0.61	cps
Rhodium	103-1	6226628	6245911	6219458	6230666	0.22	cps
Rhodium	103-2	2850685	2878161	2878920	2869255	0.56	cps
Scandium	45-1	4113239	4119538	4115109	4115962	0.08	cps
Scandium	45-2	191079	191878	193019	191992	0.51	cps
Selenium	77-2	2617	2624	2654	2631	0.74	cps
Selenium	78-2	8806	8951	9003	8920	1.14	cps
Selenium	82-1	57091	57294	58543	57643	1.36	cps
Silicon	28-1	2453664	2486598	2494944	2478402	0.88	cps
Silver	109-1	4591606	4600689	4631276	4607857	0.45	cps
Silver	107-1	4783354	4785225	4803184	4790588	0.23	cps
Sodium	23-2	79742085	79978808	80593671	80104855	0.55	cps
Strontium	86-1	1374661	1377395	1384979	1379012	0.39	cps
Strontium	88-1	12223087	12161563	12243598	12209416	0.35	cps
Sulfur	34-1	540848	547887	551912	546882	1.02	cps
Terbium	159-1	10382441	10356074	10301729	10346748	0.40	cps
Terbium	159-2	4868651	4923862	4923408	4905307	0.65	cps
Thallium	203-1	4472123	4496349	4484732	4484401	0.27	cps
Thallium	205-1	10716486	10825789	10857962	10800079	0.69	cps
Tin	118-1	3512769	3544946	3551668	3536461	0.59	cps
Titanium	47-1	530241	534201	531267	531903	0.39	cps
Uranium	238-1	15547355	15826621	15799855	15724610	0.98	cps
Vanadium	51-2	976042	987220	994098	985787	0.92	cps
Yttrium	89-1	7515648	7535111	7517399	7522719	0.14	cps
Yttrium	89-2	1082325	1088463	1093978	1088255	0.54	cps
Zinc	66-2	344376	346497	347328	346067	0.44	cps
Zirconium	90-1	7063429	6982725	7064795	7036983	0.67	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P7
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 14:58:28	DataFile Name :	038CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525353	1524238	1530816	1526802	0.23	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	33	39	24.74	cps
Antimony	121-1	2442	2175	2325	2314	5.78	cps
Arsenic	75-2	24	22	13	20	30.14	cps
Barium	135-1	92	42	117	83	45.82	cps
Barium	137-1	92	142	133	122	21.92	cps
Beryllium	9-1	406	378	394	393	3.56	cps
Bismuth	209-1	6982572	6970268	6959110	6970650	0.17	cps
Bismuth	209-2	3857575	3845069	3841470	3848038	0.22	cps
Boron	11-1	5876	6385	6277	6179	4.34	cps
Boron	10-1	1275	1117	1242	1211	6.89	cps
Cadmium	106-1	2242	2009	2417	2223	9.22	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1601	1421	1711	1578	9.28	cps
Calcium	43-1	183	225	233	214	12.52	cps
Calcium	44-1	5760	5693	5643	5699	1.03	cps
Chromium	52-2	453	440	483	459	4.84	cps
Cobalt	59-2	93	133	143	123	21.45	cps
Copper	63-2	1110	1257	1310	1226	8.45	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	13	0	17	10	88.20	cps
Gadolinium	160-1	83	83	25	64	52.72	cps
Gadolinium	160-2	73	83	60	72	16.21	cps
Holmium	165-1	10218208	10318329	10344219	10293585	0.65	cps
Holmium	165-2	4945332	4939806	4948671	4944603	0.09	cps
Indium	115-1	7695055	7748067	7857313	7766812	1.07	cps
Indium	115-2	1437736	1431371	1440248	1436452	0.32	cps
Iron	56-2	8886	8642	8330	8619	3.23	cps
Iron	57-2	283	289	283	285	1.13	cps
Lead	206-1	1522	1272	1433	1409	8.99	cps
Lead	207-1	1411	1361	1278	1350	4.99	cps
Lead	208-1	6056	5762	5840	5886	2.59	cps
Lithium	6-1	1299795	1303348	1308825	1303989	0.35	cps
Magnesium	24-2	1042	1017	917	992	6.67	cps
Manganese	55-2	120	130	90	113	18.37	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	475	367	333	392	18.91	cps
Molybdenum	94-1	575	667	600	614	7.72	cps
Molybdenum	95-1	342	208	192	247	33.26	cps
Molybdenum	96-1	383	483	508	458	14.43	cps
Molybdenum	97-1	167	225	167	186	18.10	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	343	287	290	17.84	cps
Phosphorus	31-2	75	183	208	156	45.56	cps
Potassium	39-2	26149	27451	25882	26494	3.17	cps
Rhodium	103-1	6827963	6729396	6848885	6802081	0.94	cps
Rhodium	103-2	3088679	3057671	3086983	3077778	0.57	cps
Scandium	45-1	4097114	4075279	4059429	4077274	0.46	cps
Scandium	45-2	185596	184409	186585	185530	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	67	67	64	8.41	cps
Selenium	82-1	33	64	51	49	31.08	cps
Silicon	28-1	229148	227624	229451	228741	0.43	cps
Silver	109-1	483	508	500	497	2.56	cps
Silver	107-1	508	633	442	528	18.44	cps
Sodium	23-2	18896	18596	18128	18540	2.09	cps
Strontium	86-1	1567	1558	1725	1617	5.81	cps
Strontium	88-1	200	267	292	253	18.75	cps
Sulfur	34-1	234721	233039	231074	232944	0.78	cps
Terbium	159-1	10558080	10609604	10575540	10581074	0.25	cps
Terbium	159-2	4870012	4858349	4852158	4860173	0.19	cps
Thallium	203-1	275	258	308	281	9.07	cps
Thallium	205-1	583	767	708	686	13.65	cps
Tin	118-1	1775	2159	2100	2011	10.27	cps
Titanium	47-1	125	117	75	106	25.38	cps
Uranium	238-1	200	200	217	206	4.68	cps
Vanadium	51-2	17	20	27	21	24.12	cps
Yttrium	89-1	7697388	7604662	7735636	7679229	0.88	cps
Yttrium	89-2	1079377	1072670	1076891	1076313	0.32	cps
Zinc	66-2	143	197	147	162	18.42	cps
Zirconium	90-1	1533	1558	1483	1525	2.50	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P7
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:08:45	DataFile Name :	039CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	350	317	356	11.80	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183802	182497	182064	182788	0.49	cps
Antimony	121-1	120539	120328	117068	119312	1.63	cps
Arsenic	75-2	27756	27732	28107	27865	0.75	cps
Barium	135-1	3454556	3486872	3515075	3485501	0.87	cps
Barium	137-1	6116466	6167435	6166835	6150245	0.48	cps
Beryllium	9-1	422	544	406	457	16.58	cps
Bismuth	209-1	6764027	6809697	6782604	6785442	0.34	cps
Bismuth	209-2	3542202	3541589	3576351	3553381	0.56	cps
Boron	11-1	322520	325792	324665	324325	0.51	cps
Boron	10-1	66028	66346	66849	66408	0.62	cps
Cadmium	106-1	2417	2609	2584	2536	4.11	cps
Cadmium	108-1	379	325	333	346	8.43	cps
Cadmium	111-1	4494	4828	4717	4680	3.64	cps
Calcium	43-1	11079263	11039829	11095857	11071650	0.26	cps
Calcium	44-1	179224262	178322779	179130050	178892364	0.28	cps
Chromium	52-2	33665	33548	45592	37602	18.40	cps
Cobalt	59-2	133191	133120	134220	133510	0.46	cps
Copper	63-2	489171	489532	496086	491596	0.79	cps
Dysprosium	156-1	8153	8503	7861	8172	3.93	cps
Dysprosium	156-2	3531	3631	3377	3513	3.63	cps
Erbium	164-1	6302	6502	6510	6438	1.83	cps
Erbium	164-2	2997	2870	3060	2976	3.25	cps
Gadolinium	160-1	7527	7135	7277	7313	2.71	cps
Gadolinium	160-2	3714	3847	3667	3743	2.50	cps
Holmium	165-1	9673804	9894369	9848377	9805517	1.19	cps
Holmium	165-2	4587385	4593474	4652730	4611196	0.78	cps
Indium	115-1	7143726	7136423	7171357	7150502	0.26	cps
Indium	115-2	1286742	1281809	1295862	1288138	0.55	cps
Iron	56-2	226395677	224901927	224158849	225152151	0.51	cps
Iron	57-2	5659677	5629849	5624269	5637932	0.34	cps
Lead	206-1	7491751	7619164	7679700	7596871	1.26	cps
Lead	207-1	6395729	6536237	6592185	6508050	1.56	cps
Lead	208-1	29488539	30218895	30418639	30042024	1.63	cps
Lithium	6-1	1211924	1222759	1234621	1223101	0.93	cps
Magnesium	24-2	6103934	6096152	6050138	6083408	0.48	cps
Manganese	55-2	5663533	5648759	5688347	5666880	0.35	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	119279	119212	120934	119808	0.81	cps
Molybdenum	94-1	51569	49805	49922	50432	1.96	cps
Molybdenum	95-1	75684	74570	75936	75397	0.96	cps
Molybdenum	96-1	86068	85145	85498	85570	0.54	cps
Molybdenum	97-1	46460	47196	47463	47040	1.10	cps
Neodymium	150-1	13841	14188	13767	13932	1.61	cps
Neodymium	150-2	5118	4841	5231	5063	3.96	cps
Nickel	60-2	55301	56756	55679	55912	1.35	cps
Phosphorus	31-2	3809	3476	3626	3637	4.59	cps
Potassium	39-2	6175831	6141341	6196445	6171206	0.45	cps
Rhodium	103-1	5911573	5937822	5973749	5941048	0.53	cps
Rhodium	103-2	2657929	2661751	2681204	2666961	0.47	cps
Scandium	45-1	3629726	3623116	3620736	3624526	0.13	cps
Scandium	45-2	159487	157465	160839	159264	1.07	cps
Selenium	77-2	47	33	43	41	16.89	cps
Selenium	78-2	106	113	120	113	6.56	cps
Selenium	82-1	508	509	334	450	22.29	cps
Silicon	28-1	86549998	86049758	87054977	86551578	0.58	cps
Silver	109-1	23612	22827	21392	22611	4.98	cps
Silver	107-1	24781	23871	23779	24144	2.29	cps
Sodium	23-2	17066536	16944472	16994257	17001755	0.36	cps
Strontium	86-1	5484768	5523242	5542041	5516684	0.53	cps
Strontium	88-1	48262787	48454601	48395489	48370959	0.20	cps
Sulfur	34-1	1076240	1074551	1072073	1074288	0.20	cps
Terbium	159-1	9952488	10050909	10150558	10051318	0.99	cps
Terbium	159-2	4474437	4527274	4534767	4512159	0.73	cps
Thallium	203-1	1642	1225	1358	1408	15.11	cps
Thallium	205-1	3642	3359	3176	3392	6.93	cps
Tin	118-1	295606	298264	297606	297159	0.47	cps
Titanium	47-1	82795	90376	81853	85008	5.50	cps
Uranium	238-1	13218	12106	13291	12872	5.16	cps
Vanadium	51-2	26220	26023	25743	25995	0.92	cps
Yttrium	89-1	7071101	7112096	7107311	7096836	0.32	cps
Yttrium	89-2	976142	971709	976554	974802	0.28	cps
Zinc	66-2	686934	689318	690799	689017	0.28	cps
Zirconium	90-1	22694	28110	18789	23198	20.18	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:12:14	DataFile Name :	040SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5285	4268	5861	5138	15.70	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787902	779581	785051	784178	0.54	cps
Antimony	121-1	30693	28956	30618	30089	3.26	cps
Arsenic	75-2	10474	10263	10567	10435	1.49	cps
Barium	135-1	4464840	4436567	4458505	4453304	0.33	cps
Barium	137-1	7823094	7692292	7836620	7784002	1.02	cps
Beryllium	9-1	2734	2606	2595	2645	2.92	cps
Bismuth	209-1	6707101	6750369	6743812	6733761	0.35	cps
Bismuth	209-2	3543684	3518561	3548496	3536914	0.45	cps
Boron	11-1	195607	194626	197911	196048	0.86	cps
Boron	10-1	38350	40346	39862	39519	2.64	cps
Cadmium	106-1	2725	2742	2717	2728	0.47	cps
Cadmium	108-1	417	438	442	432	3.10	cps
Cadmium	111-1	3787	3951	3843	3860	2.16	cps
Calcium	43-1	5301750	5329841	5286028	5305873	0.42	cps
Calcium	44-1	85210600	84642156	84618431	84823729	0.40	cps
Chromium	52-2	85597	85533	85211	85447	0.24	cps
Cobalt	59-2	105577	104462	104767	104935	0.55	cps
Copper	63-2	184919	183065	183022	183669	0.59	cps
Dysprosium	156-1	24882	25140	25817	25280	1.91	cps
Dysprosium	156-2	10478	10501	10814	10598	1.78	cps
Erbium	164-1	22645	23221	23053	22973	1.29	cps
Erbium	164-2	10271	10561	10464	10432	1.42	cps
Gadolinium	160-1	22778	22044	22444	22422	1.64	cps
Gadolinium	160-2	11939	11622	12138	11899	2.19	cps
Holmium	165-1	10131087	10280393	10202262	10204581	0.73	cps
Holmium	165-2	4677572	4693642	4726717	4699311	0.53	cps
Indium	115-1	7189044	7320517	7300883	7270148	0.98	cps
Indium	115-2	1299679	1306111	1304016	1303269	0.25	cps
Iron	56-2	378911864	379268053	377063553	378414490	0.31	cps
Iron	57-2	9469456	9460622	9512484	9480854	0.29	cps
Lead	206-1	5988838	6038177	6004397	6010471	0.42	cps
Lead	207-1	5075463	5108196	5121975	5101878	0.47	cps
Lead	208-1	23606119	23706899	23766086	23693035	0.34	cps
Lithium	6-1	1240470	1251367	1254291	1248709	0.58	cps
Magnesium	24-2	5236921	5149881	5152489	5179763	0.96	cps
Manganese	55-2	4782198	4771531	4791512	4781747	0.21	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	7836	7936	8028	7933	1.21	cps
Molybdenum	94-1	12714	11211	10839	11588	8.57	cps
Molybdenum	95-1	5285	5176	4843	5101	4.51	cps
Molybdenum	96-1	13115	12314	12531	12653	3.27	cps
Molybdenum	97-1	3150	3017	3292	3153	4.36	cps
Neodymium	150-1	32526	33167	32018	32570	1.77	cps
Neodymium	150-2	11268	11682	11615	11522	1.93	cps
Nickel	60-2	64344	65298	65043	64895	0.76	cps
Phosphorus	31-2	43422	43298	42971	43230	0.54	cps
Potassium	39-2	4573272	4570479	4577358	4573703	0.08	cps
Rhodium	103-1	6084465	6100193	6110072	6098243	0.21	cps
Rhodium	103-2	2729465	2733665	2725916	2729682	0.14	cps
Scandium	45-1	3610204	3610062	3626304	3615524	0.26	cps
Scandium	45-2	159982	158874	160623	159826	0.55	cps
Selenium	77-2	40	30	33	34	14.78	cps
Selenium	78-2	122	102	85	103	17.99	cps
Selenium	82-1	219	329	421	323	31.25	cps
Silicon	28-1	83815021	83344112	83166700	83441944	0.40	cps
Silver	109-1	6410	6569	6302	6427	2.09	cps
Silver	107-1	6960	6919	7069	6983	1.11	cps
Sodium	23-2	25965970	25704616	25821729	25830772	0.51	cps
Strontium	86-1	3141744	3125611	3170268	3145874	0.72	cps
Strontium	88-1	27628605	27625200	28013292	27755699	0.80	cps
Sulfur	34-1	335213	332555	328064	331944	1.09	cps
Terbium	159-1	10312558	10394180	10532690	10413143	1.07	cps
Terbium	159-2	4602647	4615211	4648568	4622142	0.51	cps
Thallium	203-1	567	675	650	631	9.00	cps
Thallium	205-1	1317	1175	1300	1264	6.13	cps
Tin	118-1	288887	291503	288648	289679	0.55	cps
Titanium	47-1	71350	75264	62814	69809	9.12	cps
Uranium	238-1	14000	14417	14400	14272	1.65	cps
Vanadium	51-2	200384	199890	201424	200566	0.39	cps
Yttrium	89-1	7565006	7629394	7651561	7615321	0.59	cps
Yttrium	89-2	1028358	1029747	1028748	1028951	0.07	cps
Zinc	66-2	1719150	1720492	1724313	1721318	0.16	cps
Zirconium	90-1	25373	47427	20120	30973	46.78	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:15:42	DataFile Name :	041SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4585	4384	9261	6077	45.41	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10604	9545	11205	10451	8.04	cps
Antimony	121-1	7486	7144	7702	7444	3.78	cps
Arsenic	75-2	1554	1609	1665	1609	3.45	cps
Barium	135-1	187311	185556	184382	185750	0.79	cps
Barium	137-1	327916	321483	322430	323943	1.07	cps
Beryllium	9-1	344	350	306	333	7.26	cps
Bismuth	209-1	7025069	6949250	6939133	6971151	0.67	cps
Bismuth	209-2	3821835	3842294	3802512	3822214	0.52	cps
Boron	11-1	31734	31409	30598	31247	1.87	cps
Boron	10-1	6310	6085	6485	6293	3.19	cps
Cadmium	106-1	2600	2509	2409	2506	3.83	cps
Cadmium	108-1	13	33	33	26	45.58	cps
Cadmium	111-1	2041	1870	1809	1906	6.31	cps
Calcium	43-1	602324	604800	604925	604016	0.24	cps
Calcium	44-1	9998029	9942450	9944614	9961697	0.32	cps
Chromium	52-2	2264	2294	2310	2289	1.03	cps
Cobalt	59-2	7602	7849	7622	7691	1.78	cps
Copper	63-2	30552	30686	30565	30601	0.24	cps
Dysprosium	156-1	383	450	450	428	9.00	cps
Dysprosium	156-2	227	217	200	214	6.28	cps
Erbium	164-1	350	475	267	364	28.82	cps
Erbium	164-2	153	140	173	156	10.79	cps
Gadolinium	160-1	533	517	408	486	13.96	cps
Gadolinium	160-2	227	253	237	239	5.64	cps
Holmium	165-1	10478793	10582914	10405910	10489206	0.85	cps
Holmium	165-2	4972744	4984126	4967930	4974933	0.17	cps
Indium	115-1	7789310	7846918	7784714	7806981	0.44	cps
Indium	115-2	1421118	1440895	1428630	1430214	0.70	cps
Iron	56-2	12929556	12906222	12889062	12908280	0.16	cps
Iron	57-2	319264	314518	314702	316161	0.85	cps
Lead	206-1	398195	401328	403377	400967	0.65	cps
Lead	207-1	341903	340315	342427	341548	0.32	cps
Lead	208-1	1582538	1583934	1588307	1584926	0.19	cps
Lithium	6-1	1217991	1216877	1207489	1214119	0.48	cps
Magnesium	24-2	347547	345659	346836	346681	0.28	cps
Manganese	55-2	317029	319835	319309	318724	0.47	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6885	6327	6368	6527	4.77	cps
Molybdenum	94-1	2692	2659	2959	2770	5.94	cps
Molybdenum	95-1	4026	4059	4101	4062	0.93	cps
Molybdenum	96-1	4734	4418	4568	4573	3.47	cps
Molybdenum	97-1	2492	2717	2375	2528	6.87	cps
Neodymium	150-1	753	693	767	738	5.29	cps
Neodymium	150-2	263	260	250	258	2.69	cps
Nickel	60-2	3444	3560	3530	3512	1.73	cps
Phosphorus	31-2	350	383	350	361	5.33	cps
Potassium	39-2	368006	373200	373522	371576	0.83	cps
Rhodium	103-1	6867112	6826325	6783647	6825695	0.61	cps
Rhodium	103-2	3045321	3068949	3038638	3050969	0.52	cps
Scandium	45-1	3962451	3971959	3953055	3962488	0.24	cps
Scandium	45-2	178326	177044	176750	177373	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	61	56	61	9.09	cps
Selenium	82-1	97	83	143	107	29.05	cps
Silicon	28-1	5150860	5299648	5122010	5190839	1.84	cps
Silver	109-1	2167	2175	2017	2120	4.21	cps
Silver	107-1	2034	2292	2050	2125	6.80	cps
Sodium	23-2	971298	971158	968006	970154	0.19	cps
Strontium	86-1	298766	299435	297744	298648	0.29	cps
Strontium	88-1	2622354	2608531	2623632	2618172	0.32	cps
Sulfur	34-1	256683	261475	258754	258971	0.93	cps
Terbium	159-1	10838976	10779767	10838154	10818966	0.31	cps
Terbium	159-2	4860850	4901379	4892924	4885051	0.44	cps
Thallium	203-1	108	125	175	136	25.49	cps
Thallium	205-1	508	283	350	381	30.37	cps
Tin	118-1	17320	16569	16335	16741	3.07	cps
Titanium	47-1	6472	8195	6893	7187	12.50	cps
Uranium	238-1	792	700	750	747	6.14	cps
Vanadium	51-2	1507	1510	1623	1547	4.29	cps
Yttrium	89-1	7705220	7708453	7767660	7727111	0.45	cps
Yttrium	89-2	1054951	1077291	1064879	1065707	1.05	cps
Zinc	66-2	42352	41780	42799	42310	1.21	cps
Zirconium	90-1	1175	1242	1217	1211	2.78	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4005-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-GW-01DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:19:09	DataFile Name :	042SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	242	358	264	32.41	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44920	42821	44166	43969	2.42	cps
Antimony	121-1	2150	2200	2225	2192	1.74	cps
Arsenic	75-2	563	554	570	562	1.49	cps
Barium	135-1	222942	219701	221919	221521	0.75	cps
Barium	137-1	384822	382320	383490	383544	0.33	cps
Beryllium	9-1	356	411	467	411	13.51	cps
Bismuth	209-1	6618737	6823737	6701745	6714739	1.54	cps
Bismuth	209-2	3569746	3692462	3712650	3658286	2.11	cps
Boron	11-1	19730	19547	18829	19369	2.46	cps
Boron	10-1	3617	3559	4417	3865	12.41	cps
Cadmium	106-1	2400	2492	1809	2234	16.61	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Cadmium	111-1	1826	1894	1353	1691	17.41	cps
Calcium	43-1	277972	278481	278359	278270	0.10	cps
Calcium	44-1	4588085	4577584	4613598	4593089	0.40	cps
Chromium	52-2	4778	5134	4898	4936	3.68	cps
Cobalt	59-2	5584	5761	5691	5679	1.57	cps
Copper	63-2	11892	11551	11628	11690	1.53	cps
Dysprosium	156-1	1083	1217	1142	1147	5.83	cps
Dysprosium	156-2	563	630	573	589	6.11	cps
Erbium	164-1	1167	1601	975	1248	25.71	cps
Erbium	164-2	637	507	530	558	12.43	cps
Gadolinium	160-1	1250	1183	1175	1203	3.42	cps
Gadolinium	160-2	677	630	627	644	4.34	cps
Holmium	165-1	9913612	10250278	10011054	10058314	1.72	cps
Holmium	165-2	4637493	4779281	4802620	4739798	1.89	cps
Indium	115-1	7385011	7698970	7575309	7553097	2.09	cps
Indium	115-2	1341309	1382044	1394897	1372750	2.04	cps
Iron	56-2	20919837	20814289	20806151	20846759	0.30	cps
Iron	57-2	509123	509832	509920	509625	0.09	cps
Lead	206-1	291827	293960	290655	292147	0.57	cps
Lead	207-1	249805	249418	251111	250111	0.35	cps
Lead	208-1	1155130	1152831	1159758	1155906	0.31	cps
Lithium	6-1	1173063	1212444	1189629	1191712	1.66	cps
Magnesium	24-2	291453	289939	289768	290387	0.32	cps
Manganese	55-2	258357	259410	260688	259485	0.45	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	608	583	567	586	3.58	cps
Molybdenum	94-1	1025	675	800	833	21.29	cps
Molybdenum	95-1	342	333	408	361	11.38	cps
Molybdenum	96-1	750	942	742	811	13.95	cps
Molybdenum	97-1	200	250	275	242	15.80	cps
Neodymium	150-1	1607	1507	1907	1674	12.44	cps
Neodymium	150-2	713	593	633	647	9.46	cps
Nickel	60-2	3977	3801	3677	3818	3.95	cps
Phosphorus	31-2	2475	2434	2659	2523	4.75	cps
Potassium	39-2	273970	272331	272772	273024	0.31	cps
Rhodium	103-1	6596739	6710639	6568888	6625422	1.13	cps
Rhodium	103-2	2862985	2953757	2956497	2924413	1.82	cps
Scandium	45-1	3860792	4013710	3903608	3926037	2.01	cps
Scandium	45-2	165838	174065	172818	170907	2.59	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	56	78	59	64	18.54	cps
Selenium	82-1	-16	101	43	43	136.79	cps
Silicon	28-1	4850934	4884678	4869438	4868350	0.35	cps
Silver	109-1	1042	1075	1042	1053	1.83	cps
Silver	107-1	1242	1042	1192	1158	8.99	cps
Sodium	23-2	1439037	1435911	1450843	1441931	0.55	cps
Strontium	86-1	161489	161202	160993	161228	0.15	cps
Strontium	88-1	1423166	1409029	1402241	1411478	0.76	cps
Sulfur	34-1	223856	223951	221822	223210	0.54	cps
Terbium	159-1	10155578	10452168	10390948	10332898	1.52	cps
Terbium	159-2	4560964	4728250	4719740	4669651	2.02	cps
Thallium	203-1	92	192	150	144	34.78	cps
Thallium	205-1	275	258	250	261	4.88	cps
Tin	118-1	15334	16193	15376	15634	3.10	cps
Titanium	47-1	3242	3250	2559	3017	13.16	cps
Uranium	238-1	750	758	792	767	2.88	cps
Vanadium	51-2	10557	11084	11164	10935	3.02	cps
Yttrium	89-1	7345839	7638528	7490013	7491460	1.95	cps
Yttrium	89-2	1003635	1035825	1041998	1027153	2.01	cps
Zinc	66-2	97848	99214	98909	98657	0.73	cps
Zirconium	90-1	1558	1425	1884	1623	14.55	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	I4006-01DLX20	Instrumnet Name :	P7
Client Sample ID :	CIY-WC-L-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-07-05 15:22:36	DataFile Name :	043SMPL_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	342	433	400	12.67	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:26:04	DataFile Name :	044CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3553530	3550832	3566491	3556951	0.24	cps
Antimony	121-1	4429012	4490786	4473101	4464300	0.71	cps
Arsenic	75-2	130163	132059	131936	131386	0.81	cps
Barium	135-1	5573239	5605821	5577619	5585560	0.32	cps
Barium	137-1	9732973	9673086	9659175	9688411	0.40	cps
Beryllium	9-1	553086	557810	562701	557866	0.86	cps
Bismuth	209-1	6160356	6176766	6189862	6175661	0.24	cps
Bismuth	209-2	3522342	3548295	3529338	3533325	0.38	cps
Boron	11-1	300674	307712	312865	307084	1.99	cps
Boron	10-1	63333	61585	63927	62948	1.93	cps
Cadmium	106-1	103745	103292	105164	104067	0.94	cps
Cadmium	108-1	69159	67916	69834	68970	1.41	cps
Cadmium	111-1	941978	949198	948842	946673	0.43	cps
Calcium	43-1	5523968	5532731	5556457	5537718	0.30	cps
Calcium	44-1	88862721	88420514	89132227	88805154	0.40	cps
Chromium	52-2	1163979	1166801	1173173	1167984	0.40	cps
Cobalt	59-2	1803899	1810767	1831479	1815382	0.79	cps
Copper	63-2	2523166	2541433	2538769	2534456	0.39	cps
Dysprosium	156-1	208	200	150	186	16.95	cps
Dysprosium	156-2	107	110	77	98	18.77	cps
Erbium	164-1	67	25	108	67	62.50	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-1	108	75	75	86	22.35	cps
Gadolinium	160-2	90	100	100	97	5.97	cps
Holmium	165-1	9981456	10005523	10042922	10009967	0.31	cps
Holmium	165-2	4916197	4957914	4928061	4934058	0.44	cps
Indium	115-1	7162987	7336614	7267149	7255583	1.20	cps
Indium	115-2	1377995	1374891	1374896	1375927	0.13	cps
Iron	56-2	230356672	230448594	230385583	230396950	0.02	cps
Iron	57-2	5726954	5787036	5764461	5759484	0.53	cps
Lead	206-1	3539156	3532826	3528288	3533423	0.15	cps
Lead	207-1	3196959	3222219	3234810	3217996	0.60	cps
Lead	208-1	14456198	14514789	14527632	14499540	0.26	cps
Lithium	6-1	1204050	1206097	1214123	1208090	0.44	cps
Magnesium	24-2	40531992	40511401	40347034	40463476	0.25	cps
Manganese	55-2	1304817	1306872	1309529	1307073	0.18	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3307818	3325883	3330104	3321268	0.36	cps
Molybdenum	94-1	3652642	3665645	3666972	3661753	0.22	cps
Molybdenum	95-1	2052499	2048626	2039639	2046921	0.32	cps
Molybdenum	96-1	2610776	2602627	2609030	2607477	0.16	cps
Molybdenum	97-1	1269371	1273070	1275892	1272778	0.26	cps
Neodymium	150-1	373	547	533	484	19.91	cps
Neodymium	150-2	67	60	57	61	8.33	cps
Nickel	60-2	470229	470831	473861	471640	0.41	cps
Phosphorus	31-2	36404	36780	38250	37145	2.63	cps
Potassium	39-2	20796407	21023258	21076900	20965522	0.71	cps
Rhodium	103-1	6152117	6130964	6198230	6160437	0.56	cps
Rhodium	103-2	2841962	2852111	2853589	2849221	0.22	cps
Scandium	45-1	4035736	4028888	4043401	4036008	0.18	cps
Scandium	45-2	187868	189288	187972	188376	0.42	cps
Selenium	77-2	2824	2667	2587	2693	4.47	cps
Selenium	78-2	8908	8812	8566	8762	2.02	cps
Selenium	82-1	56756	56468	56700	56641	0.27	cps
Silicon	28-1	2378215	2405601	2428382	2404066	1.04	cps
Silver	109-1	4532710	4506030	4538766	4525835	0.38	cps
Silver	107-1	4699838	4690124	4749404	4713122	0.67	cps
Sodium	23-2	76429666	77482879	77417033	77109859	0.77	cps
Strontium	86-1	1349925	1359476	1364890	1358097	0.56	cps
Strontium	88-1	11918572	12108702	12082092	12036455	0.86	cps
Sulfur	34-1	520733	524147	529437	524772	0.84	cps
Terbium	159-1	10226027	10307216	10264178	10265807	0.40	cps
Terbium	159-2	4841563	4865717	4817001	4841427	0.50	cps
Thallium	203-1	4362588	4349578	4418754	4376973	0.84	cps
Thallium	205-1	10610608	10498965	10556165	10555246	0.53	cps
Tin	118-1	3447651	3499287	3485836	3477592	0.77	cps
Titanium	47-1	520183	517632	516017	517944	0.41	cps
Uranium	238-1	15393658	15281797	15365937	15347131	0.38	cps
Vanadium	51-2	967065	969485	974742	970431	0.40	cps
Yttrium	89-1	7474874	7498043	7550467	7507795	0.52	cps
Yttrium	89-2	1074199	1079661	1078174	1077345	0.26	cps
Zinc	66-2	340175	343286	342035	341832	0.46	cps
Zirconium	90-1	6888115	6914607	6926909	6909877	0.29	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:26:04	DataFile Name :	044CCV_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1494972	1513597	1502517	1503696	0.62	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	83	158	144	38.41	cps
Antimony	121-1	4376	4493	4276	4381	2.48	cps
Arsenic	75-2	31	26	35	31	15.10	cps
Barium	135-1	333	208	258	267	23.59	cps
Barium	137-1	450	533	408	464	13.72	cps
Beryllium	9-1	506	417	489	470	10.05	cps
Bismuth	209-1	6749744	6766052	6818486	6778094	0.53	cps
Bismuth	209-2	3818682	3819375	3831055	3823037	0.18	cps
Boron	11-1	11013	10246	10796	10685	3.70	cps
Boron	10-1	2292	2217	1817	2109	12.11	cps
Cadmium	106-1	2392	2275	2550	2406	5.74	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Cadmium	111-1	1716	1645	1845	1735	5.83	cps
Calcium	43-1	467	358	408	411	13.19	cps
Calcium	44-1	9854	9462	9103	9473	3.96	cps
Chromium	52-2	553	583	537	558	4.24	cps
Cobalt	59-2	160	123	160	148	14.32	cps
Copper	63-2	1580	1573	1507	1553	2.61	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	40	90	77	69	37.58	cps
Holmium	165-1	9909711	10124695	10163326	10065911	1.36	cps
Holmium	165-2	4898855	4914195	4925581	4912877	0.27	cps
Indium	115-1	7591569	7684692	7620415	7632226	0.62	cps
Indium	115-2	1434350	1431240	1436991	1434194	0.20	cps
Iron	56-2	23041	19842	18373	20418	11.69	cps
Iron	57-2	556	656	556	589	9.80	cps
Lead	206-1	1811	1789	1811	1804	0.71	cps
Lead	207-1	1717	1717	1589	1674	4.41	cps
Lead	208-1	7445	7662	6973	7360	4.79	cps
Lithium	6-1	1264350	1259081	1263800	1262411	0.23	cps
Magnesium	24-2	2792	2109	1734	2211	24.27	cps
Manganese	55-2	227	247	230	234	4.57	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2017-07-05 15:31:43	DataFile Name :	045CCBE_P7070517B.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1042	792	883	906	13.97	cps
Molybdenum	94-1	1275	1033	1083	1131	11.28	cps
Molybdenum	95-1	492	567	733	597	20.71	cps
Molybdenum	96-1	733	883	733	783	11.06	cps
Molybdenum	97-1	358	325	367	350	6.30	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	293	277	260	277	6.02	cps
Phosphorus	31-2	125	92	150	122	23.95	cps
Potassium	39-2	27184	27000	26792	26992	0.73	cps
Rhodium	103-1	6757108	6755278	6773743	6762043	0.15	cps
Rhodium	103-2	3068230	3072181	3075983	3072131	0.13	cps
Scandium	45-1	3962937	4058020	4050351	4023769	1.31	cps
Scandium	45-2	184280	182586	183014	183294	0.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	67	56	65	14.24	cps
Selenium	82-1	22	-2	-8	4	393.25	cps
Silicon	28-1	233184	229520	228935	230547	1.00	cps
Silver	109-1	683	908	700	764	16.41	cps
Silver	107-1	892	842	775	836	7.00	cps
Sodium	23-2	24955	22401	21566	22974	7.68	cps
Strontium	86-1	1525	1600	1942	1689	13.15	cps
Strontium	88-1	792	892	742	808	9.45	cps
Sulfur	34-1	226589	225413	229085	227029	0.83	cps
Terbium	159-1	10326386	10464407	10492973	10427922	0.85	cps
Terbium	159-2	4829686	4821427	4854519	4835211	0.36	cps
Thallium	203-1	575	467	517	519	10.44	cps
Thallium	205-1	1408	1383	1242	1345	6.69	cps
Tin	118-1	2667	2342	2500	2503	6.49	cps
Titanium	47-1	83	67	150	100	44.10	cps
Uranium	238-1	1050	808	700	853	21.01	cps
Vanadium	51-2	83	50	40	58	39.27	cps
Yttrium	89-1	7547824	7606014	7605097	7586312	0.44	cps
Yttrium	89-2	1068944	1075622	1072962	1072510	0.31	cps
Zinc	66-2	193	220	277	230	18.50	cps
Zirconium	90-1	1909	2109	2042	2020	5.04	cps

LB Number :	LB88530	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	392	467	414	11.09	cps